





# The Professional Video SourceBook

## Section 2

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 For Section 2, Power & On-Camera Lighting use Quick Dial #: 821

### ABOUT BATTERIES

*What is the difference between Nicad, NiMH and Lithium Ion batteries?*

*Batteries in portable devices such as a laptop or camcorders are typically made using either Nickel Cadmium (NiCad), Nickel Metal Hydride (NiMH) or Lithium Ion (Li-Ion) battery cell chemistry. Each type of rechargeable battery chemistry has its own unique characteristics:*

#### Nicad and NiMH

The main difference between the two is that NiMH batteries (the newer technology of the two) offers higher energy density than Nicads. In other words, the capacity of a NiMH is approximately twice the capacity of its NiCad counterpart, which gives you increased run-time from the battery with no additional bulk or weight. NiMH also offers another major advantage: Nicad batteries tend to suffer from what is called the "memory effect". NiMH batteries are less prone to develop this problem and thus require less maintenance and conditioning. NiMH batteries are also environmentally friendlier than Nicad batteries since they do not contain heavy metals (which present serious landfill problems). Note: Not all devices can accept both Nicad or NiMH batteries.

#### Lithium Ion

Lithium-ion (Li-Ion) batteries have become the new standard for portable power in consumer devices. Li-Ion batteries produce the same energy as NiMH battery but weigh approximately 20%-35% less. This can make a noticeable difference in devices such as cellular phones, camcorders or notebook computers where the battery makes up a significant portion of the total weight. Another reason Lithium-ion batteries have become so popular is that they do not suffer from the "memory effect" at all. They are also environmentally friendly, as they don't contain toxic materials such as Cadmium or Mercury.

### About Voltage

- ◆ A "12v nominal" battery should never be used with modern video equipment. This is due to the fact that virtually every piece of professional video equipment designed in the last 10 years has a minimum voltage requirement of between 10.5 and 11v. Thus the 10v full discharge rating of a "12v nominal" battery is significantly below the minimum voltage requirement of all professional video equipment. **"12v Nominal" (10 cells Nicad or NiMH), Range = 10 - 14v**
- ◆ A "13.2v nominal" battery can operate virtually all professional video equipment. This is based on the fact that all video equipment specify a maximum voltage of 15.5v or higher, and a minimum voltage of 11v or lower (down to 10.5v). Thus the 11 to 15.5v range of a "13.2v nominal" battery falls totally within the operating range of virtually any video equipment which may be in use today. However, it should be noted that the performance and runtime of equipment can be unnecessarily limited by using a 13.2v battery which will not take advantage of the additional power and performance of a 14.4v battery. **"13.2v Nominal" (11 cells Nicad or NiMH), Range = 11 - 15-1/2v**
- ◆ A "14.4v nominal" battery can be used with any equipment which specifies such a battery or has a maximum voltage rating of 17v or higher. A 14.4v nominal battery will provide better performance and life relative to a comparable 13.2v battery. This is true especially when selecting a NiMH battery or a small size battery whose smaller size cells have a higher internal resistance, thereby limiting its cold weather or high drain rate performance. Make sure your equipment can accommodate voltages as high as 17v before using a 14.4v battery. As a rule, virtually all professional equipment now being manufactured are specified to deliver optimum performance with 14.4v batteries. **"14.4v Nominal" (12 cells Nicad or NiMH or 4 cells Lithium ion), Range = 12 - 17v**

Because of the unique nature of lithium ion chemistry, batteries constructed with these cells can only be made into batteries in multiples of the generally nominal 3.6v of each cell (i.e. 3.6, 7.2, 10.8, 14.4, 18v etc.). A 10.8v (3 cell) battery would be insufficient to operate a nominal 12v camera and an 18v (5 cell) battery would over-voltage the camera. Therefore, to power a professional 12v cameras, lithium based chemistries can only be constructed in batteries employing four cells or 14.4v nominal. The irony then is that lithium ion can only be used for a 12v video camera in a 14.4v configuration. However, it should also be apparent, then, that the loss of a single cell from a lithium ion battery will render the battery incapable of operating a camera.

Technically, the "operating voltage" of a battery is correctly defined at the midpoint of its discharge – that is if the battery runs for an hour then the voltage of the battery at the 30 minute mark is its "midpoint voltage". For a Nicad (or NiMH battery for that matter) this is nominally 1.2v/cell, therefore giving rise to the 10-cell 12v battery, 11-cell 13v (13.2v) and 12-cell 14v (14.4v) nomenclature. All this, of course, is at nominal temperatures, loads and service life. But generally speaking the battery will have an operating voltage of (1.2v X # of cells in series) for most of its service life. Lithium ion is different from Nicad and NiMH in many characteristics. Operating voltage is just one of the differences. The voltage profile of li-ion changes over its life. All these changes are attributed to the increase in the internal resistance of the cell which increases over calendar time and over the number of charge/discharge cycles the battery experiences. The voltage at which a lithium ion cell operates is approximately 3.6-3.7 volts midpoint voltage. Therefore, you could rate a 4 cell series battery from 14.4 to 14.8 – a difference of about 3%. But the operating voltage, as well as the capacity of the battery, deteriorates significantly over the number of cycles - unlike nickel based chemistries where operating voltage remains relatively constant over the battery life.

**ANTON/BAUER****LOGIC SERIES BATTERIES**

*A professional selects his equipment knowing there are no second chances or second choices...*

*The Anton/Bauer Gold Mount, the most widely used battery mounting system in the industry, allows the use of a single system of batteries for virtually every piece of portable equipment used by videographers in the field. The same variety of batteries are*



*interchangeable between different manufacturers' cameras, field editors, monitors, test equipment and accessories.*

*Any Anton/Bauer charger can address this entire array of batteries and chemistries and can be upgraded to address future batteries as they are introduced. With this unique systems approach, Anton/Bauer customers employ the latest technology with the combination of batteries which suit their operating needs... today and in the future.*

**FEATURES**

- ◆ The key factors in selecting a professional video battery are size, weight, camera balance, runtime, service life, safety, reliability, compatibility, initial cost and cost to operate. No single battery size, type or chemistry can offer the ultimate in all of these characteristics in every shooting situation for every type of video operation. That's why Anton/Bauer employs all three major chemistries – nickel metal hydride, lithium ion and nickel cadmium.
- ◆ The entire range of price, size and capabilities of Anton/Bauer Logic Series and InterActive batteries can be mixed and matched on the same InterActive charger. This means that it is not necessary to compromise on a single size or type of battery. A high capacity HyTRON 140 can operate a camera and UltraLight combination for well over 2 hours.
- ◆ A lightweight Dionic battery can be charged on PowerChargers already in the field with a simple software chip update. A HyTRON 50 can be easily carried in a pocket for a spare. ProPac, TrimPac, HyTRON 100, HyTRON 140 all offer unparalleled service life and carry the MAXX IV Warranty. The "right" battery is an Anton/Bauer system that allows you to work the way you need to, with unmatched features, performance, service life and value.
- ◆ Anton/Bauer Digital batteries communicate directly with every Anton/Bauer InterActive Charger, providing critical data which allows the charger to automatically create a charge routine for the specific operating characteristics of the battery. It is this proprietary InterActive communication which delivers superior reliability, performance, safety and service life.
- ◆ Anton/Bauer Digital batteries communicate their cell chemistry, serial number, date of manufacture, number of charge and discharge cycles, available capacity, learned capacity and cell temperature as determined by the internal diagnostic programs and sensor network. This data can be seen in each PowerCharger display providing instantaneous information about the battery. Digital batteries also communicate directly with the InterActive viewfinder of current professional camcorders. No modification or special adapters are necessary - the feature is standard equipment with the camera. The "Fuel Computer" in each Digital battery generates a special patented signal which transmits the remaining battery capacity directly to the camera viewfinder. The unique LCD display on each Digital battery provides an instantaneous reference to the batteries capacity and runtime. Simply attach a Digital battery to the Gold Mount for any new camera and the accuracy and reliability of the Digital battery fuel gauge is available automatically in the camera.
- ◆ The unique on board display is the battery feature most requested by videographers today - both full-time analog fuel gauge and a remaining time indication available simultaneously. No "set-up" is required and the battery can be used on any piece of portable equipment. Time is automatically indicated in 15 minute increments, calculated by the battery's on board computer which automatically compensates for load, battery capacity, and temperature. Full to empty is indicated by easy-to-read fuel gauge bars. RealTime addresses the question of "How long will my full battery run?", making battery change decisions simple and accurate throughout the life of the battery.

# ANTON/BAUER

## LOGIC SERIES BATTERIES

### Digital Dionic with RealTime Display

Dionic batteries are ideal for the videographer whose highest priority in selecting a battery is weight. Dionic offers complete compatibility with Anton/Bauer PowerChargers already in the field (some may require software chip update) and the Titan series. Multiple electronic safety circuits, including the field proven reliability of the Digital Battery, and the mechanical integrity of IMPAC case construction allowed Anton/Bauer to design an all new battery which safely employs lightweight cell chemistry for the rigors of ENG use.



RealTime display



Dionic 90

Dionic 160

#### Digital Dionic 90 Lithium-Ion Battery (AND90)

The Dionic 90 weighs only 1.7 lbs and is the highest capacity lithium ion battery which can be legally transported without restriction under the IATA and DOT safety regulations .....**414.95**

#### Digital Dionic 160 Lithium-Ion Battery (AND160)

The Dionic 160 contains an exclusive cell configuration unlike any other video battery. Instead of using cells originally designed for lighter duty applications, such as computers, this battery is constructed with specialized lithium ion cells originally designed for high rate military applications. Because of these low resistance cells, Dionic 160 can be used to power lighting loads and other accessories with a total output of up to 10 amps – a capability usually reserved only for nickel-based chemistries. It weighs 30% less than a HyTRON 140, has 15% more capacity, and will run a typical camcorder for over 6 hours.....**949.95**

### Digital HyTron with RealTime Display

The HyTron system requires none of the “safety circuits” and performance limiting circuitry which lithium ion requires to operate safely. As a result of this they don’t require limiting when operating both a camera and on-camera UltrLight up to 85 watts (up to 175 watts total power). Choose HyTron 140 or HyTron 100 for “All Morning/All Afternoon” shooting. Because of their advanced performance characteristics, HyTron 140 and HyTron 100 are the only new technology batteries in the industry to carry the MAXX IV Warranty.



HyTron 140

HyTron 100

HyTron 50

#### Digital HyTron 140 Nickel Metal Hydride Battery (ANH140)

Previously offered only to select broadcasters, the HyTron 140 is the highest capacity battery in the industry not subject to transportation restrictions. It employs a special NiMH (nickel metal hydride) cell technology developed for the newest low emission vehicles and e-bikes. This new cell design is exclusive to Anton/Bauer for the video industry and provides a capacity improvement greater than 40% compared to the HyTron 100. Due to the robust nature of this cell, it outperforms in applications that leave other chemistries on the sidelines. Capable of loads up to 12 amps, the HyTron 140 is uniquely able to handle the high current demands of HD cameras fully dressed with the latest production accessories.....**549.95**

#### Digital HyTron 100 Nickel Metal Hydride Battery (ANH100)

The video industry’s first high performance battery, at 100 watt hours the HyTRON 100 out powers, out runs and outlives every nicad or lithium ion battery out there .....**429.95**

#### Digital HyTron 50 Nickel Metal Hydride Battery (ANH50)

The HyTRON 50 is particularly well suited for fast paced handheld operations, with on-camera lighting (up to 25 watts), taking advantage of its extremely small size, light weight, and long runtime. Its 14.4 volt design optimizes performance in all environments. The HyTRON 50 is the perfect battery for professionals who are primarily concerned with the “economical performance in smallest package” benefit of new cell chemistries.....**259.95**

# ANTON/BAUER

## LOGIC SERIES BATTERIES

### Digital ProPac with RealTime Display

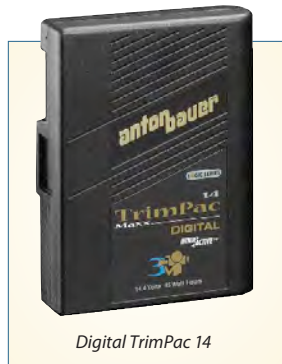
The ProPac is recognized by broadcasters and video professionals around the world as the ultimate professional video battery and is recommended for all applications. The premium low resistance Pro Pac cell is designed to deliver long life and high performance even under high current loads and the most adverse conditions.

**Digital ProPac 14 Nickel Cadmium Battery with 14.4V/65 WH (ANDPP14)**

The recommended battery when powering the ULTRALIGHT from the camcorder battery. The ProPac 14 perfectly balances all professional hand-held camcorders on the shoulder, resulting in an extremely integrated, yet high energy and long run-time package. The ProPac 14 features RealTime Display which automatically detects camera load and calculates the batteries remaining runtime based on existing operating conditions.....**379.95**



Digital ProPac 14



Digital TrimPac 14

### Digital TrimPac with RealTime Display

The TrimPac size and shape was developed in close collaboration with major camcorder manufacturers. Thin, flat and lightweight (less than half the width and almost half the weight of a ProPac), the powerful low resistance Digital TrimPac 14 is the economical professional choice and will operate a 25 watt camcorder and on-camera light for up to 45 minutes. The Digital TrimPac 14 battery features RealTime display which automatically detects camera load and calculates the batteries remaining runtime based on existing operating conditions.

**Digital TrimPac 14 Nickel Cadmium Battery with 14.4V/45 WH (ANDTP14)** .....**259.95**

### ProPac and TrimPac Batteries

ProPac and TrimPac batteries are virtually identical to their respective digital versions in size, weight, capacity, IMPAC case construction, and application. The advanced MicroCode logic circuits and comprehensive ACS sensor networks of these batteries communicate directly with all Logic Series chargers, providing the data for optimum performance, reliability, and life. These batteries do not, however, include the digital microprocessor features such as the "Fuel Computer", Real Time LCD display, and InterActive viewfinder "Fuel Gauge" circuit.



ProPac 14

**ProPac14 Nickel Cadmium Battery with 14.4V/65 WH (ANPP14)** .....**299.95**

**TrimPac 14 Nickel Cadmium Battery with 14.4V/45 WH (ANTP14)** .....**199.95**

	Maximum Load (Watts)	Rated Watt Hours	Nominal Runtime (Hours)				Size	Weight
			@ 15 Watts	@ 25 Watts	@ 35 Watts	@ 50 Watts		
Dionic 160	140	160	>10	>6.25	>4.5	>3	3.75" x 4" x 5.25"	3.4 lb.
Dionic 90	90	90	>6	>3.5	>2.5	>1.75	5.25" x 3.5" x 2.125"	1.7 lb.
HyTRON 140	175	140	>9	>5.5	4	>2-1/5	4.45" x 4.75" x 2.9"	5.5 lb.
HyTRON 100	175	100	>6	4	>2.75	2	4.45" x 4.75" x 2.9"	5.5 lb.
HyTRON 50	75	50	>3	>2	>1.5	>1	5.25" x 3.5" x 2.125"	2 lb.
ProPac	175	65	>4	>2.5	>1.75	>1.25	5.45" x 4.75" x 2.9"	5 lb.
TrimPac	75	45	3	>1.75	>1	>3/4	6.375 x 4.81 x 2.625"	2.75 lb.

## BATTERY CHARGERS

The **InterActive 2000 system** is a family of high performance charger products that communicate with Anton/Bauer InterActive batteries to provide safe, reliable performance from the battery system. Service life is extended. And old myths of "memory" are totally eliminated. Consisting of the full-featured Quad 2702 and D-2722 Dual PowerChargers to the economical performance of the T series, they deliver all the advancements and proven reliability of InterActive charging plus the ability to power a camera from an AC power supply.

The unprecedented value and unique features of the Quad 2702 and Dual 2722 redefine the standard of power for all video operations - from individual videographers to the largest broadcast operation. They feature a multifunction LCD which indicates charge status, available capacity and battery type/rating. When using Digital Batteries, they display the percent of maximum charge, battery serial number, date of manufacture, number of charge/discharge cycles accumulated, present battery temperature and voltage. They can also display capacity test data via the standard diagnostic discharge module, provide DC output for camera operation from an AC power supply, and include MAXX III Warranty.

The **T-Series** offers InterActive charging in economical and versatile performance packages. The TANDEM 70 is a combination Snap-On camera power supply and a single position charger. The TWIN simultaneously charges any two Anton/Bauer batteries in a small lightweight package perfect for travel. The TWQ offers simultaneous charging in a lightweight 4-position unit. T2 combines independent two channel simultaneous charging with a 70 watt DC output for operating virtually any camera from an AC power supply.



### Quad 2702 PowerCharger (ANQ2702)

The 70-watt, four-position Quad 2702 is the most advanced power system ever made. Six full-time operating charge terminations deliver unmatched battery performance and reliability: SSP (Selective Sequence Programming), Automatic Balance/Rejuvenation Mode, Lifesaver Maintenance Mode, Cold Battery Safety Sensor, and PLM (Power Loss Memory) Mode. Because all programming is contained on a single field replaceable chip, it ensures future compatibility to new cell technologies and charging methods. It sequentially charges any combination of Anton/Bauer Gold Mount batteries. Integral recessed carry handle makes it easy to transport batteries and charger to and from location. Features multi-function LCD, wide range mains input (90-250v AC 50/60 Hz) serial output port, a built-in 2 amp DDM Diagnostic/Discharge Module and a high power 70-watt camera supply output to power virtually

all field equipment from AC mains, making it an all purpose power and battery analyzer system. It is 8" x 12.5" x 2.75", and weighs 4.1 lbs ..... **1349.95**

### D-2722 Dual PowerCharger (AND2722)

The D-2722 has all the performance and advanced charging techniques of the Quad 2702 in a compact two-position simultaneous charger. It can charge any combination of Anton/Bauer Gold Mount batteries employing six charge termination algorithms for unsurpassed safety and reliability. The small size and versatility of the D-2722 Dual PowerCharger makes it ideal for professionals who travel often. It features simultaneous charging, multi-function LCD, wide range mains input (90-250VAC 50/60 Hz) serial output port, a built-in DDM Diagnostic/Discharge Module and a high power 70-watt camera supply output. It is 8" x 9.25" x 3.25", and weighs 2.85 lbs..... **1149.95**



# ANTON/BAUER

## BATTERY CHARGERS

### TWQ Interactive Charger (ANTTWQ)

A four-position simultaneous InterActive charger that delivers the ability to charge FOUR batteries at the same time, conveying the full complement of batteries up to 4 times faster than sequencing type chargers. The TWQ uses InterActive system charge termination techniques to quickly, reliably, and safely service any Gold Mount batteries. It is the perfect charger for someone who needs to cycle batteries often during the shooting day. The TWQ will address all Anton/Bauer batteries of any chemistry. 90-250 VAC wide range input. The TWQ is 8" x 11.5" x 3", and weighs 3.5 lbs .....**1149.95**



### T2 Interactive Charger (ANTT2)

The T2 combines two-channel independent simultaneous InterActive charging with a 70-watt DC output for camera operation. It is capable of simultaneously operating the most power-hungry camera while charging up a spare battery in the fastest charge time possible. Mount any Logic Series battery to the T2, and it automatically determines the appropriate charge and executes it. The T2 will address all Gold Mount batteries including HyTron and Dionic, and can charge two batteries in the time it takes a sequencing charger to address one battery. 90-250VAC 50/60 Hz wide range input. It is 8" x 9.25" x 3.25", and weighs 2.85 lbs .....**899.95**



### Twin Interactive Charger (ANTT)

The sleek, two-position, 30-watt simultaneous TWIN charger is the lightest and smallest charger Anton/Bauer has ever produced. Its high impact plastic enclosure will stand up to the most rugged use. Its universal wide range main input (90-250v AC 50/60Hz) makes it the ideal travel charger. Featuring the same state-of-the-art charge termination techniques of Anton/Bauer InterActive chargers, it will charge two TrimPacs in 2 hours, two HyTron 50s in 3 hours, two ProPacs in 3.5 hours, or two Dionic 90 in 5.5 hours. The exclusive Anton/Bauer Lifesaver maintenance routine keeps batteries fully charged until ready for use. The TWIN is chemistry independent and capable of upgrade with a simple chip replacement as new battery technologies are introduced. Batteries are automatically identified by the charger and addressed with a charge routine specifically designed for that battery to reliably and safely optimize battery performance and service life. It is 5.7" x 5" x 2.3", and weighs 16.8 oz .....**559.95**

### Tandem 70 Interactive Charger (ANT70)

The portable TANDEM 70 combines all the functionality of a one-position InterActive charger with the convenience of a noise-free lightweight camera-mounted wide-range AC adapter. The TANDEM 70 will power even the most power-hungry high-definition camera from any worldwide AC source. It also doubles as a full function InterActive Charger charging any Anton/Bauer Gold Mount Logic Series battery in 4.5 hours or less. It is the perfect addition to any field camera as a lightweight mains adapter and a high performance charger. 90-250VAC 50/60 Hz wide range input, output power in adapter mode: 70 watts max., 7 amp internal fuse, 5.25" x 4" x 2 1/8", it weighs just 1 lb .....**499.95**

	Charge Position	LCD Display	Camera DC Power	Diagnostic Module	Type of Charge	Nominal Charge Time (Hours)					
						Dionic 160	Dionic 90	HyTron 100	ProPac	HyTron 50	Trimpac
<b>Quad 2702</b>	2	Std.	>10	>6.25	Sequential	3.5	3	2.5	1	2	1
<b>TWQ</b>	4	N/A	>6	>3.5	Simultaneous	8.5	5.5	6.5	3.5	3	2
<b>Dual 2722</b>	2	Std.	>9	>5.5	Simultaneous	3.75	3	2.5	1	2	1
<b>T2</b>	2	N/A	>6	4	Simultaneous	4.5	3	2.5	1	2	1
<b>Twin</b>	2	N/A	>4	>2.25	Simultaneous	8.5	5.5	6.5	3.5	3	2
<b>Tandem 70</b>	1	N/A	>3	>2	N/A	4.5	3	3.5	1	2	1

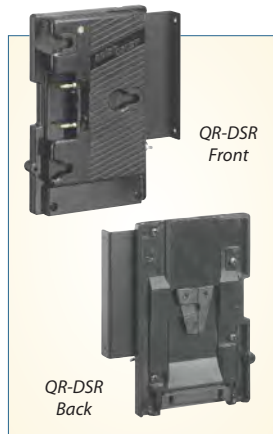
## GOLD MOUNT Quick Change System

From the first one piece video camera to the advanced cameras of the day, the Anton/Bauer Snap-On system has been the standard of professional video. The patented Gold Mount is the third generation of this proprietary mounting system. The versatility of the mount combined with the advanced features and technology of Anton/Bauer batteries and chargers makes it the power format choice of video professionals, broadcasters and equipment manufacturers alike. New cameras from every manufacturer – from high definition to mini-DV – offer the InterActive viewfinder capability of the Anton/Bauer system available only with the Gold Mount. The pioneering Automatique light control circuitry is available only with Anton/Bauer Gold Mount equipped cameras. Many models, including every Grass Valley Infinity, DVCPRO and new P2 solid state format cameras are delivered with the Anton/Bauer Gold Mount as standard factory equipment. New accessory equipment as well, such as hard drives, audio receivers and camera control systems also employ the Gold Mount for easy attachment to new cameras.



### FEATURES

- ◆ PowerTap Receptacle - This original Anton/Bauer feature allows a camera mounted Ultralight, wireless microphone, or other DC accessory to be powered from the camera battery. The integral cable of the popular Ultralight 2 includes a PowerTap plug that mates directly with the PowerTap receptacle in the Gold Mount. The PowerTap is internally fused for safety.
- ◆ Automatique - A special power circuit in all Sony DSR and SDH Gold Mounts, all DVC-PRO Gold Mounts and for most popular camera/camcorders allows an Ultralight to turn on/off automatically in sympathy with the VTR. This assures that every shot is free from the objectionable shadows caused by overhead lights, yet battery drain is kept to a minimum.
- ◆ InterActive Viewfinder "Fuel Gauge" - The Gold Mount includes the special InterActive contact that transmits the patented fuel computer signal from the DIGITAL battery to the viewfinder "Fuel Gauge" standard equipment in most new cameras/camcorders.
- ◆ Future Compatible - Unlike obsolete box style battery holders, the Gold Mount is fully compatible with the many different sizes and shapes of the new cell technologies under development. The Gold Mount will also allow old and new technology batteries to be used together interchangeably thus avoiding the inevitable sudden and costly transition to a new battery format.
- ◆ Universal Application - Gold Mount brackets can be easily installed on all portable equipment including monitors, scopes, microwave, audio and accessory hard drives. This versatility eliminates all the problems of having different and incompatible batteries/chargers in the field.



### Sony Wedge Mount Adapter

Anton/Bauer wedge mount adapters instantly convert the Sony "wedge" connector, providing compatibility with all Gold Mount batteries. Although all Sony cameras feature a PowerTap connector, lighting is limited to either 25 or 50 watts (depending on model) due to a current limiter in the camera. The wedge mount adapters allow the unrestricted use of on-camera lighting with integral PowerTap connector, as well as access to the InterActive viewfinder Fuel Gauge and Automatique feature standard in all Sony camcorders.

**QR-DSR Mount Adapter (ANQRDSR):** Mounts instantly to the XDCam-HD, DSR series and DV-CAM camcorders to adapt to Anton/Bauer batteries..... **119.95**

**QR-SDH Mount Adapter (ANQRSDH):** Mounts instantly to XDCAM, SX, Digital Betacam, Hi-Definition and IMX camcorders to adapt to Anton/Bauer batteries .. **139.95**

**QR-A200 Mount Adapter (ANQRA200):** Adapts the wedge mount on Sony DNW-A25/A220/A225 or DSR70 portable SX editing machines to the Anton/Bauer Gold Mount. Due to the high current consumption of these machines, the HyTron 140/100 are highly recommended. Can also be used to power Sony DSR50 VCR and BVM-D9 high-definition monitor ..... **119.95**

# ANTON/BAUER

## GOLD MOUNT

### Universal Gold Mounts

These universal Gold Mount Kits include hardware for mounting on virtually any portable equipment that can be powered from 12-14v DC. Many video professionals have installed these mounts on waveform monitors, vector scopes, microwave transmitters/receivers, and even portable telephones. Powering an entire video operation from a single type battery/charger system is the ultimate convenience and economy.



**QR-GOLD:**

This standard size Gold Mount measures 4.7 x 3.7 x 0.5" (H x W x D) and can be mounted in any convenient location on a piece of equipment (Mfr # QRGOLD • B&H # ANQRGOLD).....**89.95**

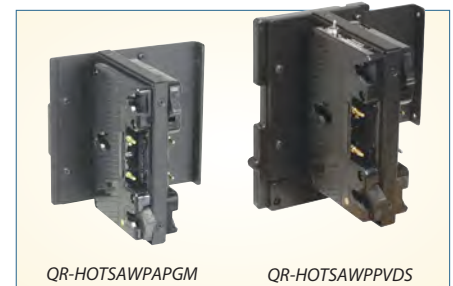
**QRC-GOLD:**

Compact Universal Gold Mount Kit with mounting hardware and wire terminals -similar to the QR-GOLD but 3/4" smaller (4.7 x 3 x 0.5" (H xWxD) which makes it ideal for mounting to small devices. Due to its smaller design, the QRC-GOLD must be mounted with its top edge flush with one edge of the equipment on which it is installed. (Mfr # QRCGOLD • B&H # ANQRCGOLD) .....**89.95**

### "Hot Swap" Accessory Gold Mounts

QR-HOTSWAP mounts directly to the camera for true perpetual, continuous battery operation. Unlike "stacking" batteries one behind the other, electronics in the QR-HOTSWAP allow for true "hot swapping" allowing either battery to be changed at any time. The circuitry automatically combines the output of both Digital battery fuel gauges for accurate display in the cameras with InterActive viewfinder features. Used with two Dionic batteries, the lightweight (13 oz.) QR-HOTSWAP allows for 180 watt hours of capacity and seamless, truly perpetual, power. QR-HOTSWAP can be used with any combination of Anton/Bauer Dionic 90 or HyTRON 50 batteries (only).

QR-HOTSWAP comes in three mounting options:



**QR-HOTSWAP - GM:** mounts directly to the Gold Mount (Mfr# QRHOTSWAPGM • B&H# ANQRHSGM) .....**189.95**

**QR-HOTSWAP - VDS:** mounts directly to V-mount format XDCAM and DSR- series (Mfr# QRHOTSWAPVDS • B&H# ANQRHSDSR).....**189.95**

**QR-HOTSWAP - VSD:** for SX, Digital-Betacam and High Def V-mount format (Mfr# QRHOTSWAPVSD • B&H# ANQRHSSDHV).....**189.95**

## Universal Application Gold Mount Holders

### UNIPAC

Video professionals unanimously consider the lightweight and rugged UniPac an essential accessory of every camera/camcorder package. The UniPac consists of an Anton/Bauer Gold Mount with integral belt loops and a 5' power cable with a standard 4-pin XLR connector. The UniPac allows any Anton/Bauer Gold Mount battery to power any piece of portable 12-14 volt equipment with a standard 4-pin XLR DC input including the ULS. Thus camera/camcorder batteries can also be used to power most other portable video equipment including VCRs, monitors, test gear, etc. Additionally in cold climates or in tight spaces, the UniPac allows the battery to be removed from the rear of the camera/camcorder and worn on a belt or placed in some other appropriate place.



(Mfr # UNIPAC • B&H # ANUP).....**209.95**

### QR-UNIV

The QR-UNIV consists of an Anton/Bauer Gold Mount and a 20" integral cable with 4-pin right angle XLR connector. Ideal for powering any portable video equipment with a 4 pin XLR DC input. (Mfr # QRUNIV • B&H # ANQRUNIV) .....**119.95**

### Snap-On 30/13

Accepts two Pro Pac or HyTRON batteries of the same voltage. In 13v mode the batteries are in parallel providing extended run times for any 12v cameras, VTRs, or 12v lighting. Switch to the 30v mode and the two batteries provide high voltage power for 30v lighting applications such as HMI ballasts. Separate output connectors for 13v (4-pin XLR) and 30v (2 pin). Features leather belt, quick release military buckle and Lexan control module with voltage indicator. 100 watt maximum output.

(Mfr # SNAPON3013 • B&H # ANSO3013).....**469.95**

## ANTON/BAUER

## QBH-HD

## Dual Voltage Gold Mount Holder

Using any 4 Gold Mount batteries (HyTRON 140/100 are recommended), the QBH-HD will output both 14.4 and 28.8v simultaneously –bridging the power gap between HD video cameras and film accessories. The 28v output can handle HMI lighting ballasts as well as film cameras. QBH-HD is especially valuable in environments where equipment needs to operate for long periods of time or for running equipment at high current loads up to 10 amps.

The QBH-HD features three 4-pin XLR outputs @ 14.4 volts and a single 2-pin Amphenol output @ 28.8 volts. Measures 12.3 x 4.6 x 2.6", weighs 2 lbs.

(Mfr # QBHHD • B&H # ANQBHHD).....**559.95**



**NP Adapter:** Adapts NP style battery box to mount to equipment fitted with an Anton/Bauer Gold Mount. NP box NOT included.

(Mfr # NPBP • B&H # ANNPBP).....**119.95**

**SO-XL:**

Adapts any Gold Mount to accept a standard 4-pin XLR connector.

(Mfr # SOXLR • B&H # ANSOXLR).....**89.95**

## BATTERY BELTS, MOBILE CHARGER, AC ADAPTER

## 30/13 Nicad Battery Belt

The ultimate battery belt. The 30/13 powers virtually all portable equipment, including 30v lights, all 12v cameras and VCRs, and Anton/Bauer's Ultralight lighting system. Rugged leather belt, Lexan battery modules, quick release

buckle in an ergonomic design which can be worn around the waist or over the shoulder or bandolier style. Exclusive operating features: 30 volts, 4 AH or 13.5 volts, 8 AH switchable, charge indicator; input and output circuit protection; multiple charge sensors for 100% safe fast charging. 10 Amp circuit breaker. Built-in charger can charges the belt in 4 hours.

Waist size: 32" to 48" adjustable. Weighs 13 lbs.

(Mfr # 3013 • B&H # AN3013) .....**949.95**



## Power Strap 13

The 13v 55WH Power Strap 13 is a lightweight powerbelt designed for use with cameras and low voltage lighting equipment. Constructed from rugged, lightweight 1000-denier Cordura® with thermoplastic protective cell modules.

10 amp resettable circuit breaker.

Requires PS-MC charger and cables. Weighs 5 lbs.

(Mfr # POWERSTRAP13 • B&H # ANPS13) .....**369.95**

**PSMC:** 110v Micro Overnight Charger for Power Strap 13

(Mfr # PSMC • B&H # ANPSMC) .....**89.95**



## Prowatt 300 Mobile Charger



This 300 watt unit converts any 12-14v DC source to either 115 or 230v AC. Allows any Anton/Bauer charger to be powered from any vehicle battery or source with a 12v negative ground system. Includes an automatic cut-off circuit to prevent the vehicle battery from being depleted. Plugs into any standard cigarette lighter socket.

(Mfr # PW300P115 • B&H # ANPW300P115).....**124.95**

## PSM-160 Desktop Power Supply



The PSM-160 is a conventional AC adapter that is made to sit on the desktop or on the floor. The unit is constructed with an all-metal housing. It outputs 60-watts at 13.8v from a single 4-pin XLR connector. The PSM-160 can be powered from 90-240v AC, 50/ 60 Hz virtually anywhere in the world.

(Mfr # PSM160 • B&H # ANPSM160) .....**279.95**

### WIRELESS MIC MOUNTING

**ABWMK-KIT:**

Comprised of two plates that fit together in three different positions. Allows the user to mount the same wireless receiver, regardless of which battery is used. The ABWMKIT allows a receiver to be mounted on either the side of the battery, behind the battery or both.

(Mfr # ABWMKIT • B&H # ANABWMKIT) .....**59.95**

**ABWMK-HD100:**

Hard disk drive/wireless mount, specifically designed for JVC GY-HD110, allows mounting of DR-HD100 or similar hard drives and wireless mic receivers. Attaches directly to QR-JVC 7/14 HDV Gold Mount.

(Mfr # ABWMKHD100 • B&H # ANABWMKHD100).....**54.95**

**ABWMK-SI:**

Universal wireless receiver side mounting plate only. Attaches directly to the metal backplate of any Gold Mount to mount any type of wireless receiver along side the battery.

(Mfr # WRB201 • B&H # ANWRB201) .....**59.95**

**WRB-200:** Wireless Receiver box which will hold any wireless receiver similar to Lectrosomics style# UCR-195,195D, 200, 205, 210, 211, 411. Inside dimensions are 4 x 3.5 x 1.38".

(Mfr # WRB200 • B&H # ANWRB200) .....**59.95**

**WRB-201:** Wireless Receiver Box which will hold any wireless receiver similar to Lectrosomics style #UCR-201 or UCR-401. Inside dimensions are 3.97 x 2.96 x 1.38". Must be used in conjunction with an ABWMK-KIT.

(Mfr # WRB201 • B&H # ANWRB201) .....**59.95**

**QR-WRB-25:** Wireless receiver box fits between Gold Mount battery and camera to accept any 25-pin insert style wireless receivers. Adapts camera to accept insert type wireless or provides an extra slot for additional receiver to cameras already equipped to accept one receiver. Adds only 1" to camera length. Receiver takes power from camera battery. Standard three pin audio out connector. Measures 3.8 x 5.8 x 2.4".

(Mfr # QRWRB25 • B&H # ANQRWRB25) .....**259.95**

### POWER KITS

**Full Power Kit for Sony V-Mount:**

Includes D-2722 Dual Position Charger/70-watt Power Supply, Digital HyTRON 50 NiMH Battery, UL2-20 Ultralight and QR-DSR Gold Mount Battery Plate

(Mfr # DUAL2722 • B&H # AND2722K) .....**1,799.95**



**Canon Power Kit:**

Consists of two Dionic-90 Lithium-ion Batteries, Titan Twin 2-Position Charger and QR-XLH gold mount for Canon XL-H1A/XL-H1S, XL-H1 and XL-2 camcorders.

(B&H # ANQRXLHK2) .....**1,399.95**

Consists of Dionic-90 Lithium-ion Battery, Titan-70 Charger/AC Adapter, QR-XLH gold mount for Canon XL-H1A/XL-H1S, XL-H1 and XL-2 camcorders.

(B&H # ANQRXLHK1) .....**999.95**



**JVC Power Kits:**

Consists of two Dionic-90 Lithium-ion Batteries, Titan Twin 2-Position Charger and QR-JVC714HDV gold mount for JVC GY-HD series camcorders.

(B&H # ANQRJVC714K2) .....**1,399.95**

Consists of Dionic-90 Lithium-ion Battery, Titan-70 Charger/AC Adapter, QR-JVC714HDV gold mount for JVC GY-HD series camcorders.

(B&H # ANQRJVC714K1) .....**999.95**

**Sony Power Kits:**

Consists of two Dionic-90 Lithium-ion Batteries, Titan Twin 2-Position Charger and QR-DSR gold mount for Sony DSR Series V-Lock battery type camcorders. (B&H # ANQRDSRK2) .....**1,399.95**

Consists of Dionic-90 Lithium-ion Battery, Titan-70 Charger/AC Adapter and QR-PDHDV pouch-style gold mount for Sony HVR-Z1U (B&H # ANQRPDHDVK) .....**999.95**

Consists of Dionic-90 Lithium-ion Battery, Titan-70 Charger/AC Adapter and QR-DSR gold mount for Sony V-Lock battery mount camcorders (B&H # ANQRDSRK1) .....**999.95**



**On Camera Light and Power Kit:**

Consists of two Digital HyTRON 50 NiMH Batteries, Titan T2 2-Position Charger/70-watt Power Supply, UL2-20 Ultralight and QR-DSR Gold Mount Battery Plate for Sony DSR-series camcorders.

(B&H # ANH50KQ) .....**1,649.95**

## ULTRALIGHT On-Camera Video Lighting

The Ultralight is the first and only camera-mounted light designed to work with any available light to create truly studio-quality images. Interior locations are usually lit from above, creating objectionable shadows on foreground subjects, which makes it impossible to achieve professional-quality video. Studio lighting, on the other hand, is a careful blend of light from above and light from the front that eliminates these shadows. The unique and innovative design features of the Ultralight create studio quality images under virtually all available light conditions. Equally impressive to the cameraman, the Ultralight achieves this vast improvement in visual quality without adding any perceptible weight, bulk, or external cables.



### Ultralight 2

The Ultralight 2 is designed specifically for camera mounting. This compact super-lightweight (only 10 oz.) version of the Anton/Bauer Ultralight features a universal mounting system for 1/4-20 or shoe-type mounting - eliminating the need for special studs or adapters. With the head module removed, the Ultralight 2 can be folded into itself like a pocket knife and practically disappears into the camera handle. Unlike any other light, the Ultralight 2 can remain mounted and connected to the camera at all times, even when the camera is in the case.

The integral PowerTap cable plugs directly into the PowerTap receptacle on all Gold Mounts to share power with the camera from a single battery. Ultralight 2 comes complete with a universal mounting system, one head module, one AB-60 bulb (25 watt 60° beam bulb), and PowerTap cable.

**UL2-6 (ANUL26):** Ultralight camera mounted light with integral 6" PowerTap cable. For use with Sony cameras with built in PowerTap. Comes standard with diffused glass ..... **174.95**

**UL2-20 (ANUL220):** Ultralight 2 camera mounted light with integral 20" PowerTap cable. Fits most one piece camcorders. Comes standard with diffused glass..... **159.95**

**UL2-28 (ANUL228):** Ultralight 2 camera mounted light with integral 28" PowerTap cable. For larger camcorders, dockable camera/VTR setups and for use with XL wedge and UL-2 wedge mounts. Comes standard with diffused glass ..... **169.95**



**Original Ultralight (ANULS):** The original Ultralight is a compact camera-mounted light that can be mounted to any 5/8" stud mounts or light stands in either a horizontal or vertical position. It features a choice of power source: 12-14 volt and 30 volt. The integral 4-pin XLR connector accepts a variety of power cables, which must be ordered separately. It includes one AB-60 (25 watt 60° flood) bulb and diffused glass ..... **179.95**

### Ultralight Spare Head Modules

To fully realize the versatility of the Ultralight System, it is highly recommended that additional head modules be part of every system. Spare head modules allow safe storage of bulbs and quick change to different wattages and beam patterns for every shooting situation.

**UL2-HM Head Module (ANUL2HM)**  
With clear safety glass..... **69.95**

**UL2-HMD Head Module (ANUL2HMD)**  
With diffusion glass..... **69.95**



### UltraDAYLight HMI Head Module

With UltraDAYlight, the high efficiency of HMI lighting can be added to any Ultralight system by simply changing head modules - an Ultralight exclusive. The UltraDAYlight head module fits any Ultralight base to instantly deliver 5600°K light at less than half the power required of tungsten/halogen - without the need for dichroic adapters. Uniquely designed to share power from the camera battery using the PowerTap on every camera Gold Mount. Instantly change from daylight to tungsten and back by simply swapping head modules - no twisting, turning or handling of bulbs. And since the rugged Ultralight head module houses and protects the bulbs, they can be stored in the head module until the next use. The UltraDAYlight head module is a unit 25-watt bulb and ballast all in one. Perfect for daylight fill situations, the UltraDAYlight HMI can be converted to tungsten with the optional UL-GF and UL-GEL kit. UltraDAYlight also features a unique color temperature adjustment which allows the ballast to adjust the color temperature of the light, compensating for bulb variations and aging.

(Mfr# ULTRADAYLIGH • B&H# ANUDL) ..... **899.95**



# ANTON/BAUER

## ULTRALIGHT ACCESSORIES

### Ultralight Dimmer (ANULDIMMER)

The Dimmer allows the adjustment of light output from 0-100%. It's microprocessor controlled PWM (pulse-width modulation) circuit minimizes power loss and is designed to be used with any Ultralight. With the push of a button, a low and a high output setting can be pre-programmed, allowing for quick light transitions without fumbling or the need to "dial-it-in". It fits any camera with a universal 1/4-20 or standard shoe type mount. Fitting underneath the light, its innovative bevel design provides for additional down angle of the light while moving the light forward to avoid lens shadows. Fully compatible with the Automatique feature standard in most Gold Mounts and has an auto shut off in the case of a low voltage battery. (Not for use with UltraDAYlight head.) 1.3" x 4.6" x 1" (WDH), it weighs 5.6 oz.....**274.95**



**Ultralight Dimmer Package (ANULDP):** Includes Ultralight 2 with a 25 watt lamp, an Ultralight Dimmer, and 50 watt EYP flood bulb .....**369.95**

### Ultralight Wedge Mounts

#### UL-2 Wedge (ANWUL2)

Provides the Ultralight with an additional 20° of down angle for shooting extreme close-up camera shots (less than 3'). A universal mounting design allows quick adaptation to cameras using either 1/4-20 stud mount or shoe-type lighting mounts.....**44.95**



Provides the Ultralight with an additional 20° of down angle for shooting extreme close-up camera shots (less than 3'). A universal mounting design allows quick adaptation to cameras using either 1/4-20 stud mount or shoe-type lighting mounts.....**44.95**

#### XL Wedge (ANXLWUL2)

Same as UL2 Wedge, but 3.5" long to prevent any shadows from microphone or lens shade in close-up shooting situations.....**39.95**



Satellite

### Satellite Remote Operation Adapter for the Ultralight 2

The Satellight is a **Gold Mount, off-camera adapter for the UL-2 Ultralight**, and can easily be stored in a pocket or camera case. When an additional light becomes necessary or desirable, the Satellight is instantly set up by snapping on an appropriate head module (bulb) and a spare camera battery. It is then a self-contained lighting unit that can be placed anywhere with the battery providing a stable base for the light.

#### Satellite (ANSL)

Includes an Ultralight 2 with a head module and BAB bulb (25 watt flood). It can be used with any Anton/Bauer Gold Mount battery. (HyTron 50 and TrimPac batteries are recommended with the 25 watt bulb only) .....**269.95**

#### Satellite Adapter (ANSA)

Similar to above but without the Ultralight 2. It can be used with any existing light. BR-Stud 1/4 and PowerTap cable required, except when mounting an Ultralight 2.....**124.95**



UL-PSP-20

**Premier Shooters Package:** Available with the UL2-20 (ANPSP20) or UL2-28 (ANPSP28).....**549.95**

**Premier Shooters Package (ANPSP):** Without a UL2-20 or UL2-28.....**399.95**

### Premier Shooter's Package

A combination of the Ultralight 2 and accessories requested most often by the discriminating videographer in a single, easy-to-store package. The Premier Shooter's Package includes the most popular bulbs, a spare head module, the complete complement of filters as well as an assortment of gels. The Premier Shooter's Package features everything you need to customize the Ultralight to every shooting situation, from evening light to soft effects. You get studio quality and flexibility in one package. The package is also available without the UL2-20 or UL2-28.

#### The Package includes:

- ☞ One UL2-20 or UL2-28
- ☞ Spare UL2-HM head module
- ☞ Focus Adapters UL-DF and UL-WA
- ☞ Dichroic adapter UL-DC (tungsten 3200°K to 5600°K converter)
- ☞ EYC 75 watt flood bulb
- ☞ UL-GF gel frame
- ☞ EYP 50 watt flood bulb
- ☞ UL-Gel Kit (see next page)
- ☞ BAB 25 watt spot bulb

ULTRALIGHT ACCESSORIES



UltraKits

Ultrakit packages include a custom fitted case complete with a battery belt and accessories. Note: Chargers, Filters, focus adapters, spare head modules, handles and mounting studs must be purchased separately.

**Ultrakit 13-S 13-volt Ultralight Single Kit (ANULKITS4)**

Kit contains one UL-S Original Ultralight, a 13v, 55 WH PowerStrap 13 battery belt, an LC-L 5' power cable that mates with the PowerStrap 13, an AB-60 25 watt flood, and a heavy-duty shipping/carrying case with custom cut foam interior .....**649.95**

**Ultrakit 30-S 30-volt Ultralight Single Kit (ANUK30S)**

Kit contains one UL-S Original Ultralight, a 30v 120 WH 30/13 battery belt (that is switchable to 13.5v), an LC-30 5' power cable that mates with the 30/13 battery belt, a ULWA wide angle adapter, an EKP/ENA 80-watt flood, and a heavy-duty shipping/carrying case with custom cut foam interior .....**1249.95**

Focus Adapters/Filters

The following adapters fit for all Ultralight models

**UL-WA Ultralight Wide Angle Adapter (ANULWA)**

Converts both spot bulbs and medium flood bulbs into full flood (36°) patterns. A very efficient optical device that provides an extremely smooth and even pattern that will cover the widest angle zoom lenses. Also effective with certain flood bulbs to smooth out uneven filament patterns .....**59.95**

**UL-DF Ultralight #1 Diffuser (ANULDF)**

For use with spot bulbs. Lowers light output by one "F" stop (50%) while softening and spreading the edges of the beam pattern .....**59.95**

**UL-DC Ultralight Dichroic Filter (ANULDC)**

Converts output of all bulbs listed to match 5600°K daylight. Must be used when using Ultralight for daylight fill or cool white fluorescent fill.....**99.95**

**UL-GF Ultralight Gel Frame (ANULGF)**

Oversized adapter holds any type of gel or silk for custom color correction and/or diffusion of Ultralight. Ideal for creating soft-box soft lighting effects for close fill work. See UL-GEL KIT below for pre-cut package of widely used gels and spun.....**54.95**

**UL-BD Ultralight Barn Door Kit (ANULBD)**

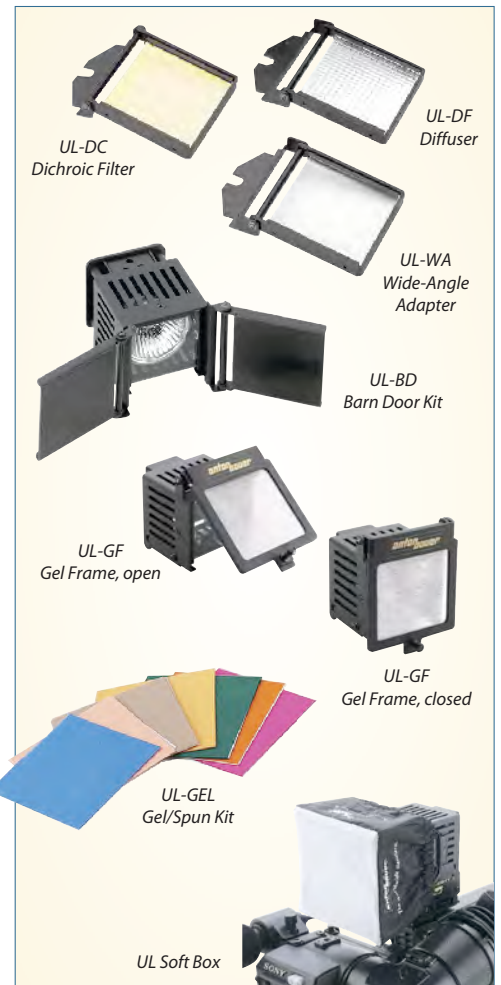
Includes two hinged barn doors to fit Ultralight .....**69.95**

**UL-GEL Special Gel/Spun Kit (ANULGK)**

Includes the most popular gel and spun types, specially pre-cut to fit the UL-GF gel frame. The kit includes individual envelopes containing 4 each of the following: 1/4 spun, 1/2 spun, full spun, Lee #103 Straw, 1/2 Blue, Cosmetic peach, Pink (cosmetic highlight), Middle Rose, Lee #204 daylight tungsten, and Lee #219 florescent .....**34.95**

**UL Soft Box**

The UL-Soft Box mounts easily to any Ultralight head module to soften and diffuse light output. The UL-Soft Box is collapsible allowing easy storage or can fold and swing away while remaining on the Ultralight until needed .....**CALL**



# ANTON/BAUER

## ULTRALIGHT ACCESSORIES

### Power Cables

#### for the Original Ultralight

**PowerTap 28 (ANPT28):** A 28" long cable for connecting a camera mounted Ultralight 4-pin XLR (UL-S) to the PowerTap receptacle on the Gold Mount of any size camera/camcorder or two-piece dockable.....**49.95**

**PowerTap 20 (ANPT20):** Same as above but 20" long. Ideal for virtually all cameras and one-piece camcorders.....**44.95**

**5' 13-14 volt Power Cable (ANLCL):** Mates with the PowerStrap 13, and the 30/13 Battery Belt in 13v mode. 5-pin XLR-M to 4-pin XLR-F connector.....**59.95**

**5' 30 volt Power Cable (ANL30):** Mates with 30/13 Battery Belt in 30 volt mode. 2-pin male to 4-pin XLR female.....**59.95**



### Lighting Studs

#### for the Original Ultralight

The original UL-S Ultralight can be mounted to any 5/8" stud mounts or light stands in either a horizontal or vertical position (facing down).

**BR STUD 1/4 Short (ANBRSS)**  
1" long 1/4-20 screw light stud .....**34.95**

**BR STUD 1/4 Long (ANBRSL)**  
2 3/4" long 1/4-20 screw light stud ....**34.95**

**BR STUD 3/8 (ANBR8)**  
For cameras with 3/8-16 threaded accessory hole .....**33.50**

**BR SHOE (ANBRSQ)**  
For all cameras with slide-in type microphone/accessory shoe.....**44.95**

### PowerTap Adapters for use with all Gold Mounts

**PowerTap - Open End (ANPTOE):** A 3' power cable that mates with the PowerTap receptacle in any Gold Mount. Can be used to power any 12-14 volt accessory (wireless mic, microwave receiver, etc.) from the camera battery. The connector must match the specific accessory power input. (10 amp. max.).....**39.95**

**PowerTap Extension (ANPTE):** 7' extension cable with PowerTap male on one end and PowerTap female at the other.....**39.95**

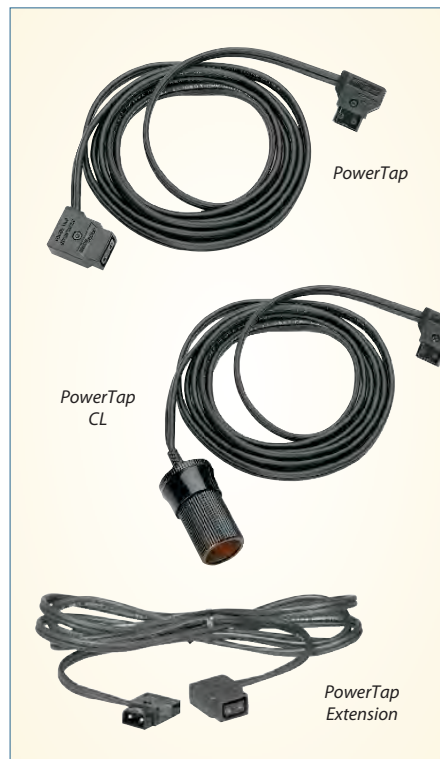
**PowerTap Multi (ANPTM):** Allows any Gold Mount PowerTap to accommodate up to four separate devices. Single PowerTap male to 4 female PowerTap receptacles. Perfect for powering multiple wireless receivers as well as an Ultralight-2 from a single camera battery (10 amp. max.).....**69.95**

**PowerTap CL (ANPTCL):** An accessory cable that allows you to power any device which utilizes a standard 12 volt cigarette lighter connector (cell phone, CD player, etc.) from a Gold Mount battery.....**39.95**

**PowerTap Kit (ANPTK):** Kit includes male PowerTap components, pins and housings (cable not included).....**14.95**

**Female PowerTap Kit (ANFPTK):** Kit includes female PowerTap components, pins and housings (cable not included).....**14.95**

**PowerTap FS4 (ANPTFS4):** 14" PowerTap cable, plugs into QR JVC 7/14 HDV bracket to provide power to the DR-HD100 hard disk drive...**39.95**



### Ultralight Bulbs

#### 12/14v Spot Bulbs

**ESX 25 (ANESX):** 25 watts, 12/14 volts.....**19.95**

**EYR (ANEYR):** 50 watts, 12/14 volts.....**19.95**

**EYF/FPA (ANEYF):** 85 watts, 12/14 volts.....**19.95**

#### 12/14v Medium Flood Bulbs

**EXZ (ANEXZ):** 60 watts, 12/14 volts.....**19.95**

#### 12/14v Full Flood Bulbs

**BAB (ANBAB):** 25 watts, 12/14 volts.....**19.95**

**EYP (ANEYP):** 50 watts, 12/14 volts.....**19.95**

**EYC (ANEYC):** 85 watts, 12/14 volts.....**19.95**

#### 12/14v Wide Flood Bulbs

**AB-60 (ANAB60):** 20 watts, 12/14 volts.....**19.95**

#### 30v Bulbs

**EXS (ANEXS):** 200 watts, 30 volts. Full flood. Needs no adapter .....**27.95**

**EKP-ENA (ANEKP):** 80 watts/30 volts. Long runtime. Flood only.....**19.95**

#### HMI Bulbs for UltraDAYlight

**ABH-10 (ANABH10):** 25 watt, 30v. Spot.....**229.95**

**ABH-20 (ANABH20):** 25 watt, 12/14. volts Medium Flood.....**229.95**

## ELIPZ

### Professional Power and Light System

All day battery power, versatile on-camera lighting and effective, flexible camera support. The ElipZ system is an innovative group of products — battery, light and grip created specifically to enhance the runtime, performance and ergonomics of handheld DV and HDV cameras.

Employing the highest capacity lithium ion cells available, the ElipZ 10k battery delivers all-day operating times for a typical 10 watt handheld camera freeing the operator from being cabled to a belt-pack or adapter.

The unique, patented under-the-camera mounting design allows one face of the lightweight ElipZ battery to quickly attach to the camera, through a shoe-type mount similar to quick-change tripod adapters. The other face of the battery has a universal 1/4-20 mounting thread, creating an easy standard interface with monopods and tripods. The ElipZ 10k battery forms a stable and strong camera platform, lowering the center-of-gravity of the camera while handheld. It delivers as much as 9 hours of runtime to the most popular handheld camera models including the Sony HVR-Z1U, Canon GL-2 and Panasonic DVX-100 and AG-HVX-200.



- ◆ The innovative ElipZ 10k brings unmatched power density to handheld 7.2 volt battery operated cameras. Using the highest capacity lithium ion cells available, the 75Wh 10k can provide runtimes as much as 2 to 5 times that of the consumer OEM batteries supplied with the cameras.
- ◆ On a 10 watt camera load, the 10k will run over 7.5 hours – virtually a full shooting day! State indicator LEDs give a simple and easy to understand and constant indication that the battery has usable capacity (Blue) or requires charge (yellow):
- ◆ Constructed of high impact polycarbonate the ElipZ 10k innovative under-camera mounting design allows batteries to be easily mounted and released with one hand. A quick release “shoe” attaches to the camera and the battery attaches directly and securely to the shoe.
- ◆ Lowering the center of gravity of the camera and providing an additional handhold without interfering with the camera operation, the lightweight ElipZ battery actually improves the comfort and handling characteristics of the camera.
- ◆ The appropriate adapter cable connects directly to the camera battery compartment and plugs into the ElipZ 10k’s PowerPlug connector.
- ◆ The ElipZ 10k mounts easily to the EgripZ support, or other camera support using the metal 1/4 20 insert at the bottom of the battery.
- ◆ The unique ElipZ power connector accepts both the camera adapter plug and the ElightZ PowerPlug. The 10k is capable at continuous loads of up to 6 amps—more than enough for a camera and light simultaneously.

Complementing the ElipZ 10k battery is the EgripZ camera support, a comfortable, flexible grip that offers virtually limitless operating positions to assist the videographer in stabilizing the camera without adding unnecessary weight or constraint. EgripZ attaches easily to any camera, weighing only 12 oz, providing the freedom to make creative camera movements without the impediment of added size, weight or tethering the camera to the operator’s body. (For more details, see it in the camera support section.)

#### ElipZ 10k Battery (ANELIPZ10K)

75Wh lithium ion battery (10,500 mAh @7.2V)  
It requires an ElipZ cable adapter for your specific camera type. It’s dimensions are 6.4” x 3.2” x 1.7”, and weighs 1.25 lbs..... **184.95**

#### ElipZ Battery Charger (ANEC)

Weighing just 14 oz., this charger can charge the ElipZ 10k in as little as 6 hours. Simply plug the charger into the PowerPlug connector on the battery and the charger will automatically begin its charge routines. LEDs give easy-to-understand charge mode indication and feature wide range (90-250VAC 50/60 Hz) mains input. Desktop design allows for easy travel and storage. 5.4 x 3.1 x 2.2” ..... **164.95**

#### ElipZ Adapters Cables

##### ElipZ Adapter Cable (ANS1ADPELPZ)

For the Sony PD-100/150/170, VX-2000/2100, and HDR-FX1 ..... **74.95**

##### ElipZ Adapter Cable (ANSHADPELPZ)

For the Sony HVR-Z1U ..... **74.95**

##### ElipZ Adapter Cable (ANCAADPELPZ)

For the Canon GL-1, GL-2, XM2 ..... **74.95**

##### ElipZ Adapter Cable (ANPAADPELPZ)

For the Panasonic DVC-30/80, AJ-DVX100/A/B, and AG-HVX200 ..... **74.95**

#### ElipZ Accessories & Kits

##### ElipZ 10k Package

Contains an ELIPZ 10k Battery, an Elipz Battery Charger, and an adapter cable. Package is available with an adapter cable for the:

Sony DSR-PD170, DCR-VX2100 and HDR-FX1 (ANELIPZSK) ..... **329.95**  
 Sony HVR-Z1U (ANELIPZSZ1K) ..... **329.95**  
 Canon GL-2, XL2 (ANELIPZCK) ..... **329.95**  
 Panasonic AJ-DVX100/A/B, and AG-HVX200 (ANELIPZPK) ..... **329.95**

## ANTON/BAUER

## ELIGHTZ

## Professional Handheld Camera Fill Light

*Cameras may get smaller. But available light doesn't change. When light comes from above it creates unwanted shadows that are accentuated in a video picture – regardless of the camera's low light efficiency. An on camera light is an essential tool for professional interview video. Anton/Bauer's UltraLight is the choice for on-camera lighting on more cameras around the world than any other ENG light. But to use an Ultralight with a handheld camera it is necessary to either up-convert the voltage of a small consumer battery to 12v or to down-convert the standard 14v battery voltage to 6v for the camera. Or else you have to carry extra batteries just to run the light. And 6v consumer lights simply aren't designed for serious professional use.*



- ◆ ElightZ is the first professional on-camera light designed specifically for handheld cameras. Operating at 6 volts, the same as the camera, ElightZ shares power with the ElipZ 10k battery through its exclusive Powerplug connector.
- ◆ Constructed of lightweight and durable high temperature polycarbonate, the two-stage hinged boom arms of the ElightZ offer a virtually unlimited range of adjustability – fully extended, the head is over 5" high and can be extended forward to eliminate lens shadowing.
- ◆ High-efficiency 10 watt halogen light packs photometric performance to blend almost any available light. The light head bezel removes easily for bulb changes. The bezel also features two mounting points for a wide variety of gels and spun (included) to effortlessly adapt to any lighting conditions. ElightZ mounts quickly and easily to any camera mounting type – shoe or stud – with a unique modular mounting mechanism. Folds away neatly into a compact package.

**ElightZ On Camera Light** (Mfr # ELIGHTZ • B&H # ANELIGHTZ) ..... **139.95**

## Digital Cinema and Film Production

*In the '70s, Anton/Bauer supplied the camera power for Éclair and Arriflex film cameras with a new, powerful and long lasting battery solution. Today Anton/Bauer returns to its roots in film to bring the field proven reliability of its broadcast and professional video power back to meet today's demands of film lighting and Digital Cinema production.*

*CINE-VCLX and the CINE-VCLX/2 provide superior runtime and service life for the power demands of today's cinema production and lighting. They employ the high draw performance of the NiMH technology of their HyTRON 140*

*video batteries in a power package specifically designed for the convergence of 28 v film and 14v video equipment.*



- ◆ Exclusive NiMH cells are not subject to restrictive transport regulations for lithium ion or performance issues associated with lead acid. The CINE batteries can power film cameras such as the ARRI 235, 416, 435, 535 and Moviecam cameras, and Digital cameras such as the ARRI D-20, Sony F23/F35, Phantom HD, Panavision Genesis and Sony F900's. The high power 28v output will also power 250w HMI lights and lighting panels from various manufacturers.
- ◆ CINE batteries fit all dollies including Chapman-Leonard and J.L. Fisher
- ◆ The CINE VCLX battery can provide up to 32 amps total power (20 amps @14v; 12 amps @28v). The CINE VCLX/2 can provide up to 22 amps total power (10 amps @ 14v; 12 amps @ 28v)
- ◆ CINE batteries feature a RealTime display for accurate remaining runtime indication and a visual LED indication at 15 minutes remaining time.
- ◆ CINE-VCLX charger cut the charge time of older lead acid batteries to 7 hours and the VCLX/2 charger will charge the battery in about 3 hours.

## BEBOB

## LUX

## On-Camera Light with Dimmer

Brilliantly engineered and designed, the Lux is actually a 3-in-1 light with the ability to be stand, hand or camera mounted. It features a unique "double-articulated" design that allows it to vary its nesting position 3" up/down or forward/back, strategically placed controls, and adjustable light temperature with 30% more output. It offers convenient installation and removal and a host of safety features, such as a built-in bulb ejector to eliminate finger burns when changing bulbs.



## FEATURES

- ◆ Incredibly lightweight, weighs only 10 oz.
- ◆ The customized mounting clamp prevents rotation from the camera handle, regardless of whether the light is fixed to thread, a female, or a male photo-shoe.
- ◆ Connects to any 12v power supply via its 4-pin XLR plug
- ◆ Available in 10, 20, 35 and 50W, the bulbs have a built-in mirror and diffuser, and employ IRC technology for 30% more light than traditional bulbs.
- ◆ Comes with a 4400°K and 5600°K dichroic filter so you are always able to adjust the temperature of the light to the situation.
- ◆ "Double Articulation" system lets you shift the light shift position 3" up/down or forward/backwards to avoid unwanted shadows created by a Rycote or a mattebox.
- ◆ Built-in dimmer is in the base station, far away from the heat of the bulb and the damages this could cause. The dimmer knob is ergonomic and well protected.
- ◆ Lux attaches neatly in front of the camera so there is no interference with the camera when it is being carried. A bayonet connector between the head and the base station allows for quick removal of the light (with only 1/5 of a twist) to reduce mounting time.
- ◆ Built-in 1/8" thread for installation on lighting stand or tripod
- ◆ On/Off switch is located away from dimmer knob to avoid accidental adjustment
- ◆ Built-in bulb-ejector eliminates finger burns when changing bulbs.

- ◆ Head design employs a series of ventilation slots to reduce light and bulb temperatures.

- ◆ Base station keeps light positioned free from camera handle

## LUX-DV

Like the Lux, the Lux-DV offers three uses in one convenient light: on-board camera, handheld and stand-mounted, without the need for extra accessories or brackets. Tiny and lightweight (less than 8.8 oz. with 2 barndoors, filter and power cable), this smart on-board light features easy controls like a smartly marked on/off toggle, built-in bulb ejector to eliminate finger burns, ventilation slots that reduce bulb/light temperatures, and integrates a flip-out 5600°K dichroic filter for convenient light control. The bulbs feature a built-in mirror and diffuser and employ IRC technology for 30% more output than traditional camera lights—so a 20W bulb provides the output of a 35W. For convenience, the integrated Softstart electronics prevent start-up peakbattery overload.



- ◆ Bayonet connector for fast removal from camera and reduced mounting time
- ◆ Power cable with D-tap connector

- ◆ Includes two barndoors that attach easily to light via bayonet connector
- ◆ Dual [Male/Female] slide shoe mount

## Lux and Lux-DV and Accessories

<b>LUX-DV</b> With 10-watt bulb and integrated D-Tap cable (Mfr # LUXDV • B&H # BELUXDV) .....	<b>199.95</b>
<b>LUX</b> On-Camera Dimmer Light with 10-watt bulb (Mfr # LUX • B&H # BELCL) .....	<b>294.95</b>
<b>LUX-Kit:</b> Lux On-Camera Dimmer Light with Barndoors, Daylight Filters, Power Cable, Dichroic Lamp (Mfr # LUXKIT • B&H # BELCLK) .....	<b>399.95</b>
<b>50 Watt Lamp</b> (Mfr # LUXB50S • B&H # BELUXB50S) .....	<b>16.95</b>
<b>35 Watt Lamp</b> (Mfr # LUXB35S • B&H # BELUXB35S) .....	<b>16.95</b>
<b>20 Watt Lamp</b> - with Diffusion (Mfr # LUXB20S • B&H # BELUXB20S) .....	<b>16.95</b>
<b>10 Watt Lamp</b> (Mfr # LUXB10S • B&H # BELUXB10S) .....	<b>16.95</b>

**BEBOB**

**Lux-LED DV**

The first on-board light-emitting diode system to feature variable focus range, the unique arrangement of the Lux-LED-DV's five high-output LEDs allows for stepless variable focus at an angle of 40° (spot) to 60° (flood).

Output is fully dimmable with daylight color temperature at full saturations and an innovative incorporated cooling system keeps the light cool to the touch. Through its use of high-efficiency light-emitting diode technology, the Lux-LED-DV is capable of generating greater brightness at a lower power consumption compared to standard tungsten light systems. Its ingenious design incorporates power-efficient DC regulation that allows the light to operate at multi-voltage inputs (from 6.5V to 28V), making it compatible with a much wider range of cameras. The system comes equipped with an in-line power supply adapter that enables the Lux-LED-DV to run directly off of standard Canon BP, Panasonic CGA, or SONY NPF L camera batteries—eliminating the need for an external power source.



Incorporating a sophisticated arrangement of LEDs and variable focus, this light shares many features of the Lux-DV camera light. The Lux-LED DV's ergonomic dimmer-potentiometer knob is integrated into the base station for ease of use and insulation from the bulb's heat. On/Off switch is located away from the base station to avoid accidental adjustment of the dimmer or draining of the batteries.

**Lux LED & 2-Leaf - Canon Kit** For Canon A1/G1 cameras. Includes Lux LED light, Canon BP battery adapter, 2-leaf barndoors w/diffuser. (Mfr # LULED-BP; B&H # BELULEDBP) .....**749.50**

**Lux LED & 4-Leaf - Canon Kit** For Canon A1/G1 cameras. Includes: Lux LED light, Canon BP battery adapter, and 4-leaf barndoors with 3200°K tungsten filter & diffuser. (Mfr # LULED-BP4; B&H # BELULEDBP4) .....**794.95**

**Lux LED & 2-Leaf - Panasonic Kit** For HVX200 Camera. Includes: Lux LED light, Panasonic CGA battery adapter, 2-leaf barndoors w/diffuser. (Mfr # LULED-CGA; B&H # BELULEDCGA) .....**749.50**

**Lux LED & 4-Leaf - Panasonic Kit** For HVX200 Camera. Includes: Lux LED light, Panasonic CGA battery adapter, and 4-leaf barndoors with 3200°K tungsten filter & diffuser. (Mfr # LULED-CGA4; B&H # BELULEDCGA4) .....**794.95**

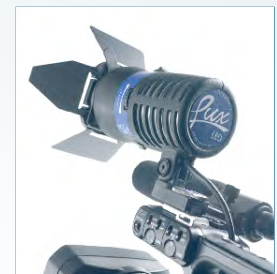
**Lux LED & 2-Leaf - Sony Kit** Includes Sony NPF battery adapter, 2-leaf barndoors with diffuser. (Mfr # LULED-NPF; B&H # BELULEDNPF) .....**749.50**

**Lux LED & 4-Leaf - Sony Kit** Includes: Lux LED light, Sony NPF battery adapter, and 4-leaf barn-doors w/3200°K tungsten filter & diffuser. (Mfr # LULED-NPF4; B&H # BELULEDNPF4) .....**794.95**

**Lux LED & 4-Leaf - ENG Kit** For JVC & ENG cameras. Includes Lux LED light, JVC HDV adapter, and 4-leaf barndoors with 3200°K tungsten filter & diffuser. (Mfr # LULED-ENG; B&H # BELULEDENG) .....**794.95**

**Lux-LED**

The unique arrangement of the Lux-LED's five high-output LEDs allows for stepless variable focus at an angle of 40° (spot) to 60° (flood). Output is fully dimmable with daylight color temperature at full saturations and an innovative incorporated cooling system keeps the light cool to the touch. Through its use of high-efficiency light-emitting diode technology, the Lux-LED is capable of generating greater brightness at a lower power consumption compared to standard tungsten light systems. It incorporates power-efficient DC regulation that allows the light to operate at multi-voltage inputs (from 6.5v to 28v), making it compatible with a much wider range of cameras.



Like the original Lux camera light, the Lux-LED's "three-in-one" design allows it to be used on board a camera, handheld or stand-mounted, without the need for extra accessories or brackets. Bebob's unique double-articulation system lets the light shift position 3" up and down, or forward and backwards, to avoid unwanted shadows. The Lux-LED's ergonomic dimmer-potentiometer knob is integrated into the base station for ease of use and insulation from the bulb's heat, and the On/Off switch is located away from the base station to avoid accidental adjustment of the dimmer or draining of the batteries.

**Lux LED /Lux LED DV Accessories**

- 2 Leaf Barndoor** with Diffuser, For Lux-LED-DV Light (Mfr # LUX-LED-FTDV • B&H # BELUXLEDFTDV) ....**119.95**
- 4 Leaf Barndoor** with Diffuser, and 3200° Filter (Mfr # LUX-LED-FT • B&H # BELUXLEDFT) .....**148.50**
- D-Tap Power Cable** - 8"/20cm (Mfr # LUXTAP20 • B&H # BELUXTAP20) .....**59.95**
- D-Tap Power Cable** - 20"/50cm (Mfr # LUXTAP50 • B&H # BELUXTAP50).....**49.95**
- XLR Power Cable** - 20"/50cm (Mfr # LUXXL90 • B&H # BELUXXL90).....**59.95**
- XLR Power Cable** - 35"/90cm (Mfr # LUXXL90 • B&H # BELUXXL90).....**59.95**

## NMH-54 • NMH-90 • NMH-65

### 12v and 14.4v NiMH Battery Packs

The ultimate answer for lightweight comfort, Bescor's NMH-54 and the NMH-90 are memory and maintenance free 12-volt NiMH (Nickel Metal Hydride) batteries that use environmentally-friendly, quality Panasonic cells. NiMH chemistry provides consistently long run times over the life of the battery.

The NMH-54 (with cigarette lighter socket) is amazingly small, yet able to power a 50w 12v DC light for 1 full hour. The 4-pin XLR version (NMH-54XLR) connects directly into the MPL313X, MPL635 & MPL645 lights. The NMH-54 includes the BC-500 .5 amp standard charger, the NMH-54XLR includes the BC-500XLR .5 amp charger with 4-pin XLR end. The NMH-90 (cigarette lighter socket) and NMH-90XLR (4-pin XLR and cigarette socket) are low profile and comfortably lightweight with 8.5 amp hour capacity. Each includes the BC-1000 1-amp standard charger. The 14.4v NMH-65 is a lightweight, incredibly small and extremely comfortable battery. It contains a rear mounted clip for to easily secure to



NiMH batteries are rated to give 500 to 1,000 cycles in normal usage. These batteries can be stored either discharged or charged. If stored fully charged they will self discharge over time. However, storing the batteries in a cool, dry place (refrigerator) will slow down the self-discharge process.

It is best to use these batteries at least once every 6 months. Otherwise, the internal organic materials inside the battery will dry out and the battery's performance will deteriorate. For proper care and maintenance, do not overcharge or undercharge batteries. Constant over or undercharging will shorten battery life. Bescor's automatic chargers, models NMH-ATM and NMH-ATMX are recommended for maximum battery life.

A standard unregulated low wattage charger is also available. These inexpensive taper chargers provide a slow overnight charge. They are very reliable but it is necessary to monitor the battery and disconnect the charger when done. We recommend the use of an inexpensive lamp timer. The timer can be used to turn off the power when the proper charge time has been reached. All brand new battery packs require 3 to 5 charge / discharge cycles to achieve the rated run times.



a video camera

or your waist. Available with standard or with the Universal Automatic Charger (NMH-ATMX), each comes standard with a 10" 16 gauge lead with 4-pin XLR connector. Otherwise the same, the MNH-65V and NMH-65VATM are designed for pro camcorders that use the V-Clip rear mount, including the Sony DSR-250, DSR-270, DSR-300, DSR-370, DSR-400, DSR-450, DSR-500 and DSR-570.

### Universal Automatic Charger



An automatic MCU-controlled smart charger with battery self-diagnosis, auto-voltage detection and LED indicators.

It is compatible with all 12v and 14.4v NMH models, and has a universal input for 120v U.S. and 240v European. With it's charge rate of .9 amp, it charges an NMH-54 in 5 hours, an NMH-90 in 10 hours, and an NMH-65 in 6 hours.

**Universal Automatic Charger** (Mfr # NMHATM; B&H # BENMHATM)  
Cigarette plug for NMH-54, NMH-90 & NMH-90XLR .....**74.95**

**Universal Automatic Charger** (Mfr # NMHATMX; B&H # BENMHATMX)  
4-pin XLR for NMH-54XLR, NMH-65 and NMH-65V .....**84.95**

**NMH-54 • NMH-90 • NMH-65**

**NMH-54 Side Kick Nickel Metal Hydride (NiMH) 12v, 4.5Ah 54WH Battery**

**NMH-54A Battery** (Mfr # NMH54A; B&H # BENMH54A)  
With cigarette lighter connector and automatic charger .....**199.95**

**NMH-54NC Battery** (Mfr # NMH54NC; B&H # BENMH54NC)  
With cigarette lighter connector, without charger .....**89.95**

**KLK-50HATM Light and Battery Kit** (Mfr # KLK50HATM; B&H # BEKLK50HATM)  
Kit consists of NMH-54 battery, VS-50 12v on-camera light and NMH-ATM charger .....**194.95**

**KLK-65HATM Light and Battery Kit** (Mfr # KLK65HATM; B&H # BEKLK65HATM)  
Kit consists of NMH-54 battery, VS-65 AC/DC on-camera light and NMH-ATM charger .....**199.95**

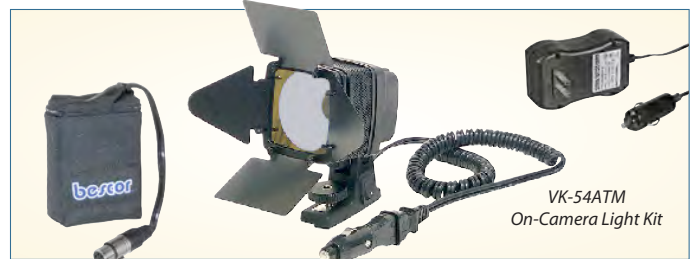
**VK-54ATM On-Camera Light Kit** (Mfr # VK54ATM; B&H # BEVK54ATM)  
Kit consists of NMH-54 battery, MPL-325B on-camera light and NMH-ATM charger .....**264.95**

**MK-54ATM On-Camera Light Kit** (Mfr # MK54ATM; B&H # BEMK54ATM)  
Kit consists of NMH54 battery, MPL-635 on-camera light, and NMH-ATM charger .....**319.95**

**CK-54ATM DC On-Camera Light Kit** (Mfr # CK54ATM; B&H # BECK54ATM)  
Kit consists of NMH-54 battery, MPL-313C on-camera light, four-leaf barn doors, diffusion filter, NMH-ATM charger, 35 watt DC lamp, cigarette plug connector .....**239.95**

**NMH-54XLRA Battery** (Mfr # NMH54XLRA; B&H # BENMH54XLRA)  
With 4-pin XLR connector and automatic charger .....**174.95**

**NMH-54XLRNC Battery** (Mfr # NMH54XLRNC; B&H # BENMH54XLRNC)  
With 4-pin XLR connector, without charger .....**99.95**



VK-54ATM On-Camera Light Kit

**NMH-90 Nickel-Metal-Hydride 12v, 7.5 Ah, 90WH Battery Belt**

**NMH-90 Battery** (Mfr # NMH90; B&H # BENMH90)  
With cigarette lighter connector and standard charger .....**259.95**

**NMH-90NC Battery** (Mfr # NMH90NC; B&H # BENMH90NC)  
With cigarette lighter connector, without charger .....**249.95**

**NMH-90A Battery** (Mfr # NMH90A; B&H # BENMH90A)  
With cigarette lighter connector and automatic charger .....**299.95**

**NMH-90XLR Battery** (Mfr # NMH90XLR; B&H # BENMH90XLR): With 6' 4-pin XLR and cigarette lighter connector, and standard charger ..**279.95**

**NMH-90XLRA Battery** (Mfr # NMH90XLRA; B&H # BENMH90XLRA): With 6' 4-pin XLR and cigarette lighter connector, and automatic charger .....**349.95**

**NMH-90XLRNC Battery** (Mfr # NMH90XLRNC; B&H # BENMH90XLRNC): With 6' 4-pin XLR and cigarette lighter connector, without charger .....**269.95**

Battery	Size	Weight	Capacity	Charge Time	Run Time @ 100w	Run Time @ 50w	Run Time @ 10w
NMH-54	3.9" x 3" x 1.7"	1.2 lbs.	4.5 amp hours	14 hours	30 minutes	1 hour	5+ hours
NMH-54XLR	Output is a 4-pin XLR on a 10" lead (no cigarette socket)						
NMH-90	3" x 14" x 1.3"	4 lbs.	8.5 amp hours	8 hours	55 minutes	2+ hour	8+ hours
NMH-90XLR	Dual outputs include a 4-pin XLR on a 6' multiflex lead and cigarette socket						

**NMH-65 Nickel Metal Hydride (NiMH) 14.4v, 4.5Ah Battery**

**NMH-65A Battery** (Mfr # NMH65A; B&H # BENMH65A)  
With XLR connector and automatic charger .....**219.95**

**NMH-65NC Battery** (Mfr # NMH65NC; B&H # BENMH65NC)  
With XLR connector, without charger .....**149.95**

**NMH-65VA Battery** (Mfr # NMH65VA; B&H # BENMH65VA)  
With XLR connector, V-Mount with automatic charger .....**219.95**

**NMH-65VNC Battery** (Mfr # NMH65VNC; B&H # BENMH65VNC)  
With XLR connector, V-Mount, without charger .....**149.95**

Battery	Size	Weight	Capacity	Charge Time	Run Time @ 30w	Run Time @ 20w	Run Time @ 15w
NMH-65A/VA	4.75" x 3" x 1.7"	1.7 lbs.	4.5 amp hours	12 hours	2+ hours	3+ hours	4+ hours

## PORTABLE SERIES

### 12v Lead Acid Shoulder Battery Packs

Portable 12v battery packs that are ideal for powering lights, camcorders, computers, power tools or any device that will run from an automobile cigarette lighter. There are six portable shoulder battery packs. Each one includes a cigarette lighter output, an overnight charger, and can be charged up to 1,500 times. The HP-3, MM-7 and MM-9 use a replaceable fuse and have belt loops sewn on their rear side so they can be waist worn. The MM-12, BES-015 and BES-018 use an auto reset circuit breaker. XLR models add a 6' cable of 14 gauge superflex wire with a 4-pin XLR power connector. A convenient shoulder strap is included with all models.



Battery	Size	Weight	Capacity	Charge Time	Run Time @ 100w	Run Time @ 50w	Run Time @ 10w
HP-3	5.5" x 3" x 3"	2.8 lbs.	3 amp hours	8 hours	15 minutes	30 minutes	150 hours
MM-7	6" x 4" x 2.5"	5.5 lbs.	7.2 amp hours	16 hours	35 minutes	75 minutes	7 hours
MM-9	6" x 4" x 2.5"	5.9 lbs.	9 amp hours	18 hours	45 minutes	85 minutes	9 hours
MM-12	7.4" x 6" x 2"	8.5 lbs.	12 amp hours	13 hours	70 minutes	2.5 hours	12 hours
BES-015	8" x 6" x 2.8"	11 lbs.	14.4 amp hours	16 hours	85 minutes	3 hours	15 hours
BES-018	8" x 6" x 2.8"	12 lbs.	18 amp hours	19 hours	1.8 hours	4 hours	18 hours

#### HP-3 (36WH) Battery Pack

**HP-3** (B&H # BEHP3): With cigarette lighter connector and standard charger .....**34.95**

**HP-3ATM** (B&H # BEHP3ATM): With cigarette lighter connector & automatic charger .....**59.99**

**HP-3XLR** (B&H # BEHP3XLR)  
With cigarette and 6' XLR 4-pin connectors, and standard charger .....**54.99**

**HP-3XLRATM** (B&H # BEHP3XLRATM)  
With cigarette and 6' XLR 4-pin connectors, and automatic charger .....**84.95**

**Replacement LCR-12V3.4 Cell Pack**  
(Mfr # LCR12V34; B&H # BELCR12V34) .....**22.95**

#### MM-7 (86WH) Battery Pack

**MM-7** (B&H # BEMM7): With cigarette lighter connector and standard charger .....**49.95**

**MM-7ATM** (B&H # BEMM7ATM): With cigarette lighter connector & automatic charger .....**79.95**

**MM-7XLR** (B&H # BEMM7XLR)  
With cigarette lighter and 4-pin XLR connectors, and standard charger .....**64.95**

**MM-7XLRATM** (B&H # BEMM7XLRATM)  
With cigarette lighter and 4-pin XLR connectors, and automatic charger .....**94.95**

#### MM-9 (108WH) Battery Pack

**MM-9** (B&H # BEMM9): With cigarette lighter connector and standard charger .....**64.95**

**MM-9ATM** (B&H # BEMM9ATM)  
With cigarette lighter connector and automatic charger .....**89.95**

**MM-9XLR** (B&H # BEMM9XLR)  
With cigarette lighter and 4-pin XLR connectors, and standard charger .....**74.95**

**MM-9XLRATM** (B&H # BEMM9XLRATM)  
With cigarette lighter and 4-pin XLR connectors, and automatic charger .....**99.95**

#### MM-12 (144WH) Battery Pack

**MM-12** (B&H # BEMM12): With cigarette lighter connector and standard charger .....**84.95**

**MM-12ATM** (B&H # BEMM12ATM)  
With cigarette lighter connector and automatic charger .....**104.95**

**MM-12XLR** (B&H # BEMM12XLR)  
With cigarette lighter and 4-pin XLR connectors, and standard charger .....**99.95**

**MM-12XLRATM** (B&H # BEMM12XLRATM)  
With cigarette lighter and 4-pin XLR connectors, and automatic charger .....**109.95**

#### BES-015 Shoulder Pack Battery

**BES-015** (B&H # BEBES015): With cigarette lighter connector and standard charger .....**89.95**

**BES-015ATM** (B&H # BEBES015ATM)  
With cigarette lighter connector and automatic charger .....**109.95**

**BES-015XLR** (B&H # BEBES015XLR)  
With cigarette lighter and 4-pin XLR connectors, and standard charger .....**109.95**

**BES-015XLRATM** (B&H # BEBES015XLRATM)  
With cigarette lighter and 4-pin XLR connectors, and automatic charger .....**129.95**

#### BES-018 Shoulder Pack Battery

**BES-018** (B&H # BEBES018): With cigarette lighter connector and standard charger .....**109.95**

**BES-018ATM** (B&H # BEBES018ATM)  
With cigarette lighter connector and automatic charger .....**129.95**

**BES-018XLR** (B&H # BEBES018XLR)  
With cigarette lighter and 4-pin XLR connectors, and standard charger .....**119.95**

**BES-018XLRATM** (B&H # BEBES018XLRATM)  
With cigarette lighter and 4-pin XLR connectors, and automatic charger .....**139.95**

**PRB-SERIES**

**Professional 12v Lead Acid Battery Belts**

Similar to the Portable Series 12v shoulder packs (previous page), Bescor's PRB Series provides premium power for heavy-duty draw applications like lighting. Each belt has a cigarette lighter output and is available with XLR output as well. XLR models include a 6' cable of 14 gauge superflex wire with a XLR power connector. Each belt also includes an overnight charger and can be charged up to 600 times. PRB-7, 12, 15 and 18 contain an auto reset circuit breaker, PRB-9 uses a replaceable external fuse. All XLR models are fitted with the auto breaker. Quick release belt fits 28" to 50" waist. All belts are two-pocket except the PRB-9 (single pocket).



Belt	Size	Weight	Capacity	Charge Time	Run Time @ 100w	Run Time @ 50w	Run Time @ 10w
PRB-7	4.5" x 13" x 1.3"	5.5 lbs.	7 amp hours	16 hours	35 minutes	1.3 hours	7 hours
PRB-8	4" x 6" x 2.5"	5 lbs.	8 amp hours	18 hours	45 minutes	1.8 hours	9 hours
PRB-9	4" x 6" x 2.5"	6 lbs.	9 amp hours	18 hours	45 minutes	1.8 hours	9 hours
PRB-12	4.5" x 13" x 2"	8.5 lbs.	12 amp hours	13 hours	1.25 hours	2.4 hours	14 hours
PRB-15	4.5" x 13" x 2.5"	11 lbs.	14.4 amp hours	15 hours	1.4 hours	3 hours	16 hours
PRB-18	4.5" x 13" x 2.5"	12 lbs.	18 amp hours	18 hours	1.65 hours	4 hours	19 hours

**PRB-7 Battery Belt**

**PRB-7** (B&H # BEPRB7): With cigarette lighter connector and standard charger .....**74.95**

**PRB-7ATM** (B&H # BEPRB7ATM): With cigarette lighter connector & automatic charger .....**94.95**

**PRB-7XLR** (B&H # BEPRB7XLR)  
With cigarette lighter and 4-pin XLR connectors, and standard charger .....**89.95**

**PRB-7XLRATM** (B&H # BEPRB7XLRATM)  
With cigarette lighter and 4-pin XLR connectors, and automatic charger .....**119.95**

**PRB-8 Battery Belt**

**PRB-8** (B&H # BEPRB8): With cigarette lighter connector and standard charger .....**69.95**

**PRB-8ATM** (B&H # BEPRB8ATM): With cigarette lighter connector & automatic charger .....**99.95**

**PRB-8XLR** (B&H # BEPRB8XLR)  
With cigarette lighter and 4-pin XLR connectors, and standard charger .....**89.95**

**PRB-8XLRATM** (B&H # BEPRB8XLRATM)  
With cigarette lighter and 4-pin XLR connectors, and automatic charger .....**119.95**

**PRB-9 Battery Belt**

**PRB-9** (B&H # BEPRB9): With cigarette lighter connector and standard charger .....**74.95**

**PRB-9ATM** (B&H # BEPRB9ATM): With cigarette lighter connector & automatic charger .....**89.95**

**PRB-9XLR** (B&H # BEPRB9XLR)  
With cigarette lighter and 4-pin XLR connectors, and standard charger .....**89.95**

**PRB-9XLRATM** (B&H # BEPRB9XLRATM)  
With cigarette lighter and 4-pin XLR connectors, and automatic charger .....**114.95**

**PRB-12 Battery Belt**

**PRB-12** (B&H # BEPRB12): With cigarette lighter connector and standard charger .....**89.95**

**PRB-12ATM** (B&H # BEPRB12ATM): With cigarette lighter connector & automatic charger ..**109.95**

**PRB-12XLR** (B&H # BEPRB12XLR)  
With cigarette lighter and 4-pin XLR connectors, and standard charger .....**109.95**

**PRB-12XLRATM** (B&H # BEPRB12XLRATM)  
With cigarette lighter and 4-pin XLR connectors, and automatic charger .....**134.95**

**PRB-15 Battery Belt**

**PRB-15** (B&H # BEPRB15): With cigarette lighter connector and standard charger .....**99.95**

**PRB-15ATM** (B&H # BEPRB15ATM): With cigarette lighter connector & automatic charger ..**119.95**

**PRB-15XLR** (B&H # BEPRB15XLR)  
With cigarette lighter and 4-pin XLR connectors, and standard charger .....**119.95**

**PRB-15XLRATM** (B&H # BEPRB15XLRATM)  
With cigarette lighter and 4-pin XLR connectors, and automatic charger .....**134.95**

**PRB-18 Battery Belt**

**PRB-18** (B&H # BEPRB18): With cigarette lighter connector and standard charger .....**124.95**

**PRB-18ATM** (B&H # BEPRB18ATM): With cigarette lighter connector & automatic charger ..**139.95**

**PRB-18XLR** (B&H # BEPRB18XLR)  
With cigarette lighter and 4-pin XLR connectors, and standard charger .....**139.95**

**PRB-18XLRATM** (B&H # BEPRB18XLRATM)  
With cigarette lighter and 4-pin XLR connectors, and automatic charger .....**159.95**

**SLIMLINE SERIES**

**12v Low-Profile Lead Acid Battery Packs**

High rate starved electrolyte cells are used in these low-profile slimline designs.

One of the smallest and lightweight batteries, the SLM-5 can power a 50-watt light for almost an hour. Has a hand strap and rear-mounted belt loop. The SLM-10 stands only 3" high x 2" thick. All units have auto reset circuit breaker protection, and all include the ATM-PRB automatic shut off

charger. The charger is rated at 1 amp with LED indicator. XLR models add a 6' cable of 14 gauge superflex wire with a 4-pin XLR power connector.



SLM-10



SLM-5XLR

**SLM-5**

**SLM-5ATM** (B&H # BESLM5ATM)  
With cigarette lighter connector and automatic charger .....**74.95**

**SLM-5XLRATM** (B&H # BESLM5XLRATM)  
With cigarette lighter & 4-pin XLR connectors, and automatic charger .....**99.95**

**SLM-10**

**SLM-10ATM** (B&H # BESLM10ATM)  
With cigarette lighter connector and automatic charger .....**154.95**

**SLM-10ATM** (B&H # BESLM10XLRATM)  
With cigarette lighter & 4-pin XLR connectors, automatic charger .....**184.95**

**SLM-18**

**SLM-18ATM** (B&H # BESLM18ATM)  
With cigarette lighter connector and automatic charger .....**224.95**

**SLM-18ATM** (B&H # BESLM18XLRATM)  
With cigarette lighter & 4-pin XLR connectors, automatic charger .....**249.95**

**PRB-SERIES Heavy-Duty 4-Pouch 12v Lead Acid Battery Belts**



PRB-154XLR

PRB-24

All 4-pouch battery belts contain an auto reset circuit breaker. All belts are designed with one piece tubular belt backing which helps distribute weight along the entire waist. Comfort and durability in a flexible package, the webbed belt fits from a 28" to 50" waist. The belts are 2" wide and use a quick release buckle. XLR models include a 6' cable of 14 gauge superflex wire with a XLR power connector.

**PRB-154**

**PRB154** (B&H # BEPRB154)  
With cigarette lighter connector and standard charger .....**129.95**

**PRB154ATM** (B&H # BEPRB154ATM)  
With cigarette lighter connector and auto-matic charger .....**149.95**

**PRB154XLR** (B&H # BEPRB154XLR)  
With cigarette lighter & 4-pin XLR connectors, and standard charger .....**139.95**

**PRB154XLRATM** (B&H # BEPRB154XLRATM)  
With cigarette lighter & 4-pin XLR connectors, and automatic charger .....**159.95**

**PRB-20**

**PRB20** (B&H # BEPRB20)  
With cigarette lighter connector and standard charger .....**149.95**

**PRB20ATM** (B&H # BEPRB20ATM)  
With cigarette lighter connector and automatic charger .....**169.95**

**PRB20XLR** (B&H # BEPRB20XLR)  
With cigarette lighter & 4-pin XLR connectors, and standard charger .....**169.95**

**PRB20XLRATM** (B&H # BEPRB20XLRATM)  
With cigarette lighter & 4-pin XLR connectors, and automatic charger .....**189.95**

**PRB-24**

**PRB24** (B&H # BEPRB24)  
With cigarette lighter connector and standard charger .....**159.95**

**PRB24ATM** (B&H # BEPRB24ATM)  
With cigarette lighter connector and automatic charger .....**184.95**

**PRB24XLR** (B&H # BEPRB24XLR)  
With cigarette lighter & 4-pin XLR connectors, and standard charger .....**179.95**

**PRB24XLRATM** (B&H # BEPRB24XLRATM)  
With cigarette lighter & 4-pin XLR connectors, and automatic charger .....**199.95**

**LA-148**

**High Capacity Slimline 14v 9Ah Battery Belt**

A compact low-profile battery, the LA-148 easily hides under your jacket to give you long run-times for camcorders or lights. Using Bescor's highest capacity 14v battery with 126 watt hours of capacity, the belt contains Panasonic starved electrolyte (dry) high rate cells for superior performance and durability. The 14v design of this 4 pouch battery belt will give you maximum run times by allowing the camera to fully drain the battery without reaching the camera's voltage cut-off. Geared toward high end equipment users, the LA-148 features "no memory" cells. Designed for superior high rate performance and quick recharging (4 hours for a 90% charge), it combines the best of Bescor's long-life batteries at a reasonable price. Each belt includes a cigarette lighter socket or 4-pin XLR, and a 2" or 6' kinkless superflex cable with 4-pin XLR as a second power tap.



**LA-148** (Mfr # LA148; B&H # BELA148): With cigarette lighter connector, 2" 4-pin XLR connector, and standard charger.....**199.95**

**LA-148ATM** (Mfr # LA148ATM; B&H # BELA148ATM): Same as above with BCQ-14 charger.....**239.95**

**LA-148NC** (Mfr # LA148NC; B&H # BELA148NC): Same as above without charger.....**199.95**

**LA-148XLATM** (Mfr # LA148XLATM; B&H # BELA148XLATM): With dual 2" and 6' 4-pin XLR connectors and BCQ-14 charger.....**314.95**

**14v Quick Charger** (Mfr # BCQ14; B&H # BEBCQ14): 2 amp rate quick charger charges LA-148 in 9 hours. It contains an automatic shut off circuit, so it never overcharges. Standard cigarette lighter plug.....**49.95**

**14v Quick Charger** (Mfr # BCQ14XLR; B&H # BEBCQ14XLR): Same as above with a 4-pin XLR plug.....**49.95**

**LA-148 Dimensions:** 24" x 2.5" x 2.5"; they weigh 9.5 lbs., 14 volts; 9ah capacity; 126 watt hours



**LA-145 Camera Mountable 14v, 65Ah Lead Acid Battery**

The LA-145 is a 14v high performance lead acid (starved electrolyte) brick-type battery. Constructed for maximum strength and durability, the LA-145 is perfect for field production. Designed to be worn on the waist with a standard belt or as an on-camera battery, the optional MBK2 battery bracket allows the LA-145 to "dock" to the rear of a JVC or Panasonic camcorder. Batteries easily slip into the bracket and can be removed with one hand. The starved electrolyte chemistry of the LA-145 offers a memory free battery. When properly maintained, the LA-145 will offer a consistent run time over the life of the battery.

**LA-145** (Mfr # LA145; B&H # BELA145): With cigarette connector, a 10" cable with a 4-pin XLR connector and a BC-151 charger.....**109.95**

**LA-145NC** (Mfr # LA145NC; B&H # BELA145NC): With cigarette connector, a 10" cable with a 4-pin XLR connector. Does not include charger.....**129.95**

**LA-145ATM** (Mfr # LA145ATM; B&H # BELA145ATM): With cigarette connector, a 10" cable with a 4-pin XLR connector and a BCQ-14 charger.....**139.95**

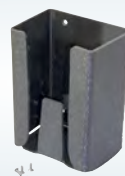
**LA-145L** (Mfr # LA145L; B&H # BELA145L): With cigarette connector, a 6' cable with a 4-pin XLR connector and a BC-151 charger.....**109.95**

**LA-145LNC** (Mfr # LA145LNC; B&H # BELA145LNC): With cigarette connector, a 6' cable with a 4-pin XLR connector. Does not include charger.....**129.95**

**LA-145LATM** (Mfr # LA145LATM; B&H # BELA145LATM): With cigarette connector, a 6' cable with a 4-pin XLR connector and a BCQ-14 charger.....**139.95**



**Camcorder Battery Kit**  
(Mfr # ST144DSU; B&H # BEST144DSU):  
Kit includes three LA-145NC batteries, a BC-151 charger, two BCQ-14 automatic chargers and an MBK-2 box.....**499.95**



**Universal Camera Bracket** (Mfr # MBK2; B&H # BEMBK2)  
Designed for most Panasonic and JVC camcorders, this bracket enables the LA-145 to attach to the rear of the camcorder. Made of unbreakable ABS resin plastic, it mounts easily using the camera's standard mounting holes. Includes 4 mounting screws. Battery removal requires only one hand.....**39.95**

## MPL-313

### 20w/35w DC Multi-Purpose On-Camera Light

A versatile multi-purpose light, the MPL-313 features super compact housing design with mesh screen venting for cooler operation. It uses 20-watt or 35-watt halogen lamps, and includes a diffusion filter for softer lighting illumination. Also includes 4-leaf barn doors for direct and bounce lighting techniques (0 to 180°), and a 6' coil cord with surface mounted on/off switch. Comes in a choice of three connectors. It weighs 6 ounces.



**With 20-watt DC bulb and SDX (Power Tap) Connector**  
(Mfr # MPL313P20; B&H # BEMPL313P20).....**94.95**

**With 35-watt DC bulb and SDX (Power Tap) Connector**  
(Mfr # MPL313P35; B&H # BEMPL313P35).....**94.95**

**With 35-watt DC bulb and 4-pin XLR Connector** (Mfr # MPL313X; B&H # BEMPL313X).....**89.95**

**With 35-watt DC bulb and Cigarette Plug Connector**  
(Mfr # MPL313C; B&H # BEMPL313C).....**79.95**



## VS-SERIES

### Camera Light with Soft Diffuser

A compact precision molded light available in multiple versions, the light is available in AC version for use in an A/C wall outlet, DC version for use with a 12v battery with a cigarette lighter connection—or combination (AC/DC). Contains twin vertical barn doors, soft diffuser filter, universal shoe mount, surface mounted on/off switch, and a 6' coil cord with 120v AC plug. The head tilts for a ceiling bounce if needed.

**VS-100AC Camera Light** (Mfr # VS100AC; B&H # BEVS100AC)  
With 100-watt 120v AC bulb and AC plug.....**44.95**

**VS-150AC Camera Light** (Mfr # VS150AC; B&H # BEVS150AC)  
With 150-watt 120v AC bulb and AC plug.....**44.95**

**VS-50 Camera Light** (Mfr # VS50; B&H # BEVS50)  
With 50-watt 12v DC bulb and cigarette  
lighter plug.....**39.95**

**VS-65 Camera Light** (Mfr # VS65; B&H # BEVS65)  
With 100-watt 120v AC bulb, 50-watt DC bulb,  
AC plug and cigarette lighter plug.....**54.95**

**VS-100 Camera Light** (Mfr # VS100; B&H # BEVS100)  
With 100-watt 12v DC bulb and cigarette  
lighter plug.....**44.95**

## VL-200

### Commercial Flood Light

Available in multiple configurations, the light has adjustable 4 way barn doors, glass heat shield, surface mounted on/off switch and a front housing that snaps off easily for quick bulb changes. Excellent for ceiling bounce lighting. Includes 6' straight cord with 120v AC plug



**VL-200 Camera Light** (Mfr # VL200; B&H # BEVL200)  
With 10' AC plug and NO bulb .....**54.95**

**VL-205 Camera Light** (Mfr # VL205; B&H # BEVL205)  
With 50w 12v DC bulb & DC adapter.....**59.95**

**VL-210 Camera Light** (Mfr # VL210; B&H # BEVL210)  
With 100w 12v DC bulb & DC adapter.....**59.95**

**VL-205AC Camera Light** (Mfr # VL205AC; B&H # BEVL205AC)  
With 100w 120v AC bulb, 50-watt 12v DC bulb, and DC adapter.....**69.95**

**VL-210AC Camera Light** (Mfr # VL210AC; B&H # BEVL210AC)  
With 100w 120v AC bulb, 100-watt 12v DC bulb, and DC adapter.....**74.95**

**12v VIDEO LIGHTS**

**MPL-635**

**12v DC Broadcast Light with Flip Down Dichroic Filter**

The contemporary styled MPL-635 light includes an integrated universal shoe mount adapter and improved topside venting. It includes a 5600 K Dichroic filter for perfect daylight illumination



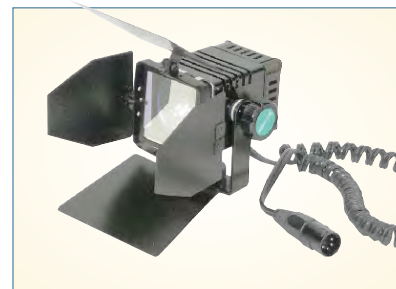
The hinged filter can be flipped down for normal 3200K lighting and it also makes bulb replacement a snap. The 4 leaf barn door set is completely adjustable. To satisfy most lighting conditions three bulbs are included: 100-watt FCR, 50-watt BRL and 35-watt bulb JC12V35. The power cable is a 6' coiled cord with 4 pin male XLR connector.

**MPL-635** (Mfr # MPL635; B&H # BEMPL635) ..... **139.95**

**MPL-645**

**Variable 12v DC Light with Flip Down Dichroic Filter**

A variable rheostat lets you tune the light from 50 watts all the way down to 0. Helps you conserve battery power by lowering your lights wattage requirement. A high pulse circuit helps



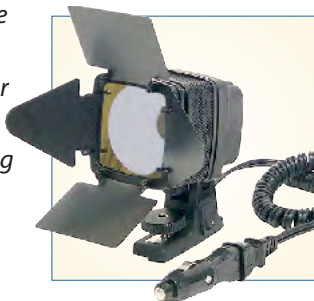
maintain the color temperature of the bulb. The dichroic filter turns the 3300K standard yellowish output to 5600K daylight output. The MPL-645 includes adjustable 4-way barn doors. Other features include a universal shoe mount and a 6' coiled power cord with 4-pin male XLR connector. Its dimensions are 3.5 x 5.1 x 2.4" (WDH) and it weighs 0.94 lbs.

**MPL-645** (Mfr # MPL645B; B&H # BEMPL645B) ..... **189.95**

**MPL-325**

**AC/DC Light with Daylight Dichroic 5600° Filter**

A low cost alternative to expensive AC lighting. Choose either a 100w or 150w bulb with AC operation, or a 35w, 50w or 100w bulb for use as a 12v DC light. The front housing has 4 adjustable barn doors, dichroic filter and removes easily with two tightening screws.



**With 12v Cigarette Adapter**

**MPL-325J** (B&H # BEMPL325J) With 12v 35w bulb ..... **109.95**

**MPL-325B** (B&H # BEMPL325B) With 12v 50w bulb ..... **109.95**

**MPL-325F** (B&H # BEMPL325F) With 12v 100w bulb ..... **104.95**

**With 120v AC Plug**

**MPL-325AC1** (B&H # BEMPL325AC1) With 120v 100w bulb ..... **99.95**

**MPL-325AC2** (B&H # BEMPL325AC2) With 120v 150w bulb ..... **139.95**

**MPL-325BAC Combo AC/DC Light** (B&H # BEMPL325BAC): Includes 120v 100w AC bulb, a 12v 50w bulb and a cigarette adapter ..... **109.95**

**MPL-12V**

**Multi Wattage Dual Reflector Light**

A dual reflector light that can accommodate 20w or 30w bulbs. Two barn doors provide lighting control with a standard swivel head design. The diffused lens protects the lamp and softens the beam for a pleasing effect. This very compact light provides extremely broad (wide angle) beam results. Weighs only 7 ounces, and measures 3" wide by 1.5" high by 3" deep. The small size allows it to work on smaller cameras but works well enough for large cameras as well.



**With 12v Cigarette Adapter**

**MPL-12V** (B&H # BEMPL12V): With 20w and 35w bulbs ..... **59.95**

**MPL-12V70** (B&H # BEMPL12V70): With two 35w bulbs ..... **CALL**

**With 4-Pin XLR Connector**

**MPL-12VX** (B&H # BEMPL12VX): With 20w and 35w bulbs ..... **69.95**

**MPL-12VX70** (B&H # BEMPL12VX70): With two 35w bulbs ..... **CALL**

### MX-600 • MX-601

#### Dedicated 6v Dual Reflector Light Kits

Ideal as a fill light with a choice of two compact rechargeable batteries, the MX-600 (clear glass) and the MX-601 (soft diffusion glass) are perfectly suited for most general purpose lighting situations. Two slide switches are located on the light for easy control. The lights are available with the X-645 (6v 4.5Ah) battery which can power a 10-watt light for almost two hours or a 40-watt light for 30 minutes. Or, they can be used with the X-672 (6v 7.2Ah) battery which can power a 10-watt light for almost three hours or a 40-watt light for 55 minutes. Batteries recharge in 8-10 hours with the supplied BC-665 overnight charger. The lights also include 2-way barn doors, universal shoe mount and 6' power cord.



**MX-600 Light** (Mfr # MX600 • B&H # BEMX600): With two 20-watt bulbs .....**39.95**

**KLK-624 Kit** (Mfr # KLK624 • B&H # BECLK624): Includes MX-600 light with two 20w bulbs, X645 battery and BC-665 charger.....**69.95**

**KLK-623 Kit** (Mfr # KLK623 • B&H # BECLK623): Includes MX-600 light with 10w and 20w bulbs, X645 battery and BC-665 charger.....**69.95**

**KLK-622 Kit** (Mfr # KLK622 • B&H # BECLK622): Includes MX-600 light with two 10w bulbs, X645 battery and BC-665 charger.....**79.95**

**KLX-624 Kit** (Mfr # KLX624 • B&H # BEKLX624): Includes MX-600 light with two 20w bulbs, X672 battery and BC-665 charger.....**89.95**

**MX-601 Light** (Mfr # MX601 • B&H # BEMX601): With two 20-watt bulbs.....**44.95**

**KLK-624D Kit** (Mfr # KLK624D • B&H # BECLK624D): Includes MX-601 light with two 20w bulbs, X645 battery and BC-665R charger .....**84.95**

**KLK-623D Kit** (Mfr # KLK623D • B&H # BECLK623D): Includes MX-601 light with 10w and 20w bulbs, X645 battery and BC-665R charger .....**84.95**

**KLK-622D Kit** (Mfr # KLK622D • B&H # BECLK622D): Includes MX-601 light with two 10w bulbs, X645 battery and BC-665R charger .....**79.95**

**KLX-624D Kit** (Mfr # KLX624D • B&H # BEKLX624D): Includes MX-601 light with two 20w bulbs, X672 battery and BC-665R charger .....**94.95**

#### Chargers for the MX-600 and MX-601

**X-645** (Mfr # X645 • B&H # BEX645): 6v, 4.5Ah DC lead acid battery and BC-665 charger for MX-600 and MX-601 lights.....**39.95**

**X-672** (Mfr # X672 • B&H # BEX672): 6v, 7.2 Ah DC lead acid battery and BC-665 charger for MX-600 and MX-601 lights.....**54.95**

**X-672ATM** (Mfr # X672ATM • B&H # BEX672ATM): 6v, 7.2 Ah DC lead acid battery and BC-665R charger for MX-600 and MX-601 lights.....**79.95**

### KLK-35/KL-36

#### 20-watt Lights with On-board Battery Pack



**20-watt Light with On-board Battery Pack** (Mfr # KLK35 • B&H # BECLK35) Consists of the compact VL-30 20-watt light, the lightweight (14 oz.) KLK-35 accepts BP-975XT rechargeable nicad batteries which mount on the light and powers it for up to 22 minutes. Includes 20-watt bulb, BP-975XT battery and 7-hour battery charger.....**49.95**

**20-watt Light with On-board Battery Pack** (Mfr # KLK36 • B&H # BECLK36) The KLK-36 is the same as above except it uses the rechargeable BP-98NMH (Nickel Metal Hydride) battery which mounts on the light and powers it for up to 60minutes. Includes 20-watt bulb, BP-98NMH battery and 14-hour overnight battery charger.....**74.95**

### KLK-10/KL-20

#### Compact 10- and 20-watt Lights with Integrated Battery



**KLK-10 10-watt Light with Integrated Battery** (Mfr # KLK10 • B&H # BECLK10) The KLK-10 is a compact and lightweight 7.4 oz. 10-watt light that has a 900 mAh 6v NiMH internal fit battery that allows it to run for up to 30 minutes. Includes a 10-watt halogen bulb and 4-hour charger .....**34.95**

**KLK-20 20-watt Light with Integrated Battery** (Mfr # KLK20 • B&H # BECLK20) The KLK-20 is the same as above except it comes with a 20-watt bulb which runs for up to 15 minutes on a charge. Also includes 4-hour charger.....**39.95**

**MP-101 Motorized Pan Head**

Support cameras up to 6 lbs, the MP-101 fastens between any tripod head and video camera. Two motors allow independent smooth remote adjustment of vertical and horizontal panning motion. Switch selector for either a 30, 60 or 90° movement. Maximum horizontal angle ±90°. Maximum vertical angle ±15°. Power source is 4 "AA" batteries or AC power. Panning speed adjustable via the included remote control. Measures 5.75 x 4.5 x 4", weighs 27 oz.



(Mfr # MP101 • B&H # BEMP101) ..... **119.95**

**AC Adapter:** For the MP-101 (Mfr# PS260 • B&H# BEPS260) ..... **19.95**

**DC Car Adapter:** Allows the MP-101 to be powered by any Bescor 12v battery or via automobile's cigarette lighter socket. (Mfr# CLC260 • B&H# BECLC260)..... **35.95**

**20' Extension for Remote Control** (Mfr# RE20 • B&H# BERE20)..... **14.95**

**50' Extension for Remote Control** (Mfr# RE50 • B&H# BERE50)..... **24.95**

**LED-10**

**10-watt LED On-Camera Light**

A small, 2.5" tall light weighing only 4 oz with 3 AA batteries, the LED-10 provides 80 minutes light time with 10-watt output from 5 Starburst LED bulbs while running ultra cool. Similar to lights at 10 times the cost.



**LED-10:** Includes three AA NiMH batteries and charger (Mfr# LED10 • B&H# BELED10) ..... **49.95**

**LED-10 Kit 2:** Same as above, plus VB-50 Universal Shoe Mount Adapter(BELED10K2) ..... **64.95**

**LED-10 Kit 1:** Same as above, except with Pearstone AIS Shoe adapter for Sony's proprietary hot shoe (B&H# BELED10K1) ..... **69.95**

**Battery and Light Kits**

**LK-12XLRATM Kit:** Includes MPL-12VX On-Camera Light with barndoors, PRB12-XLR battery belt and ATM-PRB automatic charger. (B&H# BELK12XLRATM)..... **199.95**

**LK-54ATM:** Includes MPL-12V On-Camera Light with barndoors, NMH-54NC "Side Kick" NiMH battery and NMHATM charger. (B&H# BELK54ATM)..... **214.95**

**MK-7ATM:** Includes MPL-635 On-Camera Light with barndoors, MM-7XLRNC battery and ATM-PRB automatic charger. (Mfr# MK7ATM • B&H# BEMK7ATM)..... **219.95**

**AK7 Kit:** Includes MPL-645B On-Camera Dimmer Light with barndoors, MM-7XLRNC battery and BC-500 standard charger. (Mfr# AK7 • B&H# BEAK7)..... **234.95**

**CK-54ATM Kit:** Includes MPL-313 On-Camera Light with Barndoors, NMH-54NC "Side Kick" NiMH battery and NMHATM charger. (Mfr# CK54ATM • B&H# BECK54ATM) ..... **239.95**

**MK12 Kit:** Includes MPL635 On-Camera Light with Barndoors, PRB-12XLRNC and BC-1000 standard charger with 4-pin XLR connector. (Mfr# MK12 • B&H# BEMK12)..... **239.95**

**LK-54XLRATM Kit:** Includes MPL-12VX On-Camera Light with Barndoors, NMH-54XLRNC "Side Kick" NiMH battery and NMH-ATMX Charger with 4-pin XLR connector. (B&H# BELK54XLRATM) ..... **249.95**

**MK-12ATM Kit:** Includes MPL635 On-Camera Light and PRB-12XLR Battery Belt and automatic charger (Mfr # MK12ATM • B&H # BEMK12ATM) .... **249.95**

**VK-10ATM Kit:** Includes MPL-325B On-Camera Light, SLM-10ATM Slimline Battery Belt and automatic charger. (Mfr# VK10ATM • B&H# BEVK10ATM) ..... **249.95**

**VK-54ATM Kit:** Includes MPL-325B On-Camera Light, NMH-54NC "Side Kick" NiMH battery and NMH-ATM automatic charge. (Mfr# VK54ATM • B&H# BEVK54ATM) ..... **264.95**

**CK-54XLRATM Kit:** Includes MPL-313X On-Camera Light, NMH-54XLRNC "Side Kick" NiMH battery and NMH-ATMX automatic charger with 4-pin XLR connector (Mfr# CK54XLRATM • B&H# BECK54XLRATM)..... **264.95**

**AK-7ATM Kit:** Includes MPL-645B On-Camera Dimmer Light with barndoors, MM-7XLRNC Battery and ATM-PRB automatic charger. (Mfr# AK7ATM • B&H# BEAK7ATM)..... **264.95**

**AK-12ATM Kit:** Includes MPL-645B On-Camera Dimmer Light with barndoors, PRB-12XLRNC Battery Belt and ATM-PRB automatic charger (Mfr# AK12ATM • B&H# BEAK12ATM) ..... **289.95**

**AK-12 Kit:** Same as above, except with BC-1000 standard charger. (Mfr # AK12 • B&H # BEAK12) ..... **279.95**

**MK-10ATM Kit:** Includes MPL-635 On-Camera Light with barndoors, SLM-10XLR Slimline Battery Belt and automatic charger. (Mfr # MK10ATM • B&H # BEMK10ATM) ..... **299.95**

**MK-54ATM Kit:** Includes MPL-635 On-Camera Light with barndoors, NMH-54XLRNC "Side Kick" NiMH battery and NMH-ATMX automatic charger with 4-pin XLR connector (Mfr# AK54ATM • B&H# BEAK54ATM)..... **319.95**

**AK-10ATM Kit:** Includes MPL-645B On-Camera Dimmer Light with barndoors, SLM-10XLR Slimline Battery Belt and automatic charger (Mfr# AK10ATM • B&H# BEAK10ATM) ..... **349.95**

**AK-54ATM Kit:** Includes MPL-645B On-Camera Dimmer Light with barndoors, NMH-54XLRNC "Side Kick" NiMH battery and NMH-ATMX automatic charger with 4-pin XLR connector. (Mfr# AK54ATM • B&H# BEAK54ATM) ..... **364.95**

### BATTERIES & CHARGERS

#### MaxPower 13.2v and 14.4v Nicad Battery Belts

MaxPower battery belts are manufactured with cell-balancing and memory-free engineering, resulting in a consistent run time over the life of the battery. Made from rugged, lightweight 1000 denier Cordura, these tough MaxPower belts can last for more than 10 years. They are tailored, precisely cut and stitched with durable, condensed, heavy-duty thread to assure a smooth, tight surface with the cells firmly encased. Heavy-duty 16-gauge wiring is utilized with slip-proof connectors to ensure a long, reliable operating life. Lightweight and comfortable with a low profile, the belt fits elegantly under a suit or tuxedo jacket without looking obtrusive—as if it were custom-tailored to your body. The belts can be fully adjusted to fit snugly around the operator's waist with an adjustment range from 34" to 56". Dual power outputs are included with auto reset short-circuit protection. One 4-pin XLR and one cigarette lighter connector or two 4-pin XLR connectors allow two different devices to be powered simultaneously. A power indicator consisting of three LED lights provides realtime battery status.



**NC1380 Battery Belt** (Mfr # NC1380; B&H # CONC1380): 13.2v 8Ah power belt with one cigarette lighter and one 4-pin XLR connector.....**399.95**

**NC1384 Battery Belt** (Mfr # NC1384; B&H # CONC1384): 13.2v 8Ah power belt with two 4-pin XLR connectors.....**439.95**

**NC1480 Battery Belt** (Mfr # NC1480; B&H # CONC1480): 14.4v 8Ah power belt with one cigarette lighter and one 4-pin XLR connector.....**429.95**

**NC1484 Battery Belt** (Mfr # NC1484; B&H # CONC1484): 14.4v 8Ah power belt with two 4-pin XLR connectors.....**474.95**

Battery	Fits Sizes	Volts	Amp Hours	Watt Hours	Run Time @ 25w	Weight
NC-1380 / NC-1384	34" to 56"	13.2v	8.0	96	4:05	6.6 lbs.
NC-1480 / NC-1484	34" to 56"	14.4v	8.0	115	3:00	7.1 lbs.

#### SmartPower 12v LCE (Lead-Calcium Electrolyte) Powerpacks and Belts



Using new technology, Cool-Lux has substantially improved the performance, size, and weight of their memory-free LCE (Lead-Calcium Electrolyte) rechargeable batteries. By reducing the thickness and packing more active materials between the plates they have produced a much lighter-weight and more efficient battery cell. high-quality, highly reliable Smart Power are virtually indestructible. They also hold up to poor charging habits, deep-discharge operations, and can be stored in any condition. They will always recover to a full charge, and they will never suffer from memory loss.

Belts are made of rugged, lightweight 1000 - denier Cordura, which is stronger than leather and easier to clean. Dual power outputs are included with auto reset short-circuit protection. One 4-pin XLR and one cigarette connector or two 4-pin XLR connectors allow

two different devices to be powered simultaneously. A power indicator consisting of five LED lights provides realtime battery status.

**L7 PowerPack:** (Mfr # BC3050 • B&H # COBC3050): 12v 84WH powerpack with cigarette lighter plug and charger.....**79.95**

**L7 PowerPack:** (Mfr # BC3054 • B&H # COBC3054): 12v 84WH powerpack with 4-pin XLR plug and charger.....**99.95**

**L10 Battery Belt:** (Mfr # BC3070 • B&H # COBC3070): 12v 120WH belt with two 4-pin XLR plugs and charger.....**299.95**

**L10 Battery Belt:** (Mfr # BC3074 • B&H # COBC3074): 12v 120WH belt with cigarette lighter plug and 4-pin XLR plug and charger.....**279.95**

**L14 Battery Belt:** (Mfr # BC3150 • B&H # COBC3150): 12v 168WH belt with two 4-pin XLR plugs and charger.....**299.95**

**L14 Battery Belt:** (Mfr # BC3160 • B&H # COBC3160): 12v 168WH belt with cigarette lighter plug and 4-pin XLR plug and charger.....**289.95**

**L20 Battery Belt:** (Mfr # BC3250 • B&H # COBC3250): 12v 240WH belt with two 4-pin XLR plugs and charger.....**329.95**

**L20 Battery Belt:** (Mfr # BC3260 • B&H # COBC3260): 12v 240WH belt with cigarette lighter plug and 4-pin XLR plug and charger.....**319.95**

# COOL-LUX

## BATTERIES & CHARGERS

### Delta Force Nicad/NiMH Chargers for MaxPower 13.2v and 14.4v Nicad Battery Belts

*Delta Force charger will double the life of your battery. Tests have proven that it is not unusual to achieve 1000 or more charge cycles when using a 4-stage Minus Delta V charging method. The same tests have shown older batteries will recover substantially by reducing crystallization and restoring the battery to near normal performance.*

The heart of the Delta Force system is a computing micro controller monitoring the battery's vital signs, voltage current and other variables. When a battery is first connected, the charger will rapidly and efficiently charge the battery to about 70% of its capacity in the first few minutes. The cells will absorb almost all of the energy and stay COOL. The charger continues until the battery reaches its characteristic Delta Slope indicating an absolute full charge. The computer senses the beginning of the slope terminating the full charge and shifting to trickle charge.



**13.2v Delta V Charger** with Anton Bauer-type Brick Adapter - for Ni-cad and NiMH Batteries (Mfr# NC3813-B • B&H# CONC3813B) .....**179.95**

**14.4v Delta V Charger** with Anton Bauer-type Brick Adapter - for Ni-cad and NiMH Batteries (Mfr# NC3814-B • B&H# CONC3814B) .....**169.95**

**13.2v Delta V Charger** with 4-pin XLR Connector - for Ni-Cad and NiMH Batteries (Mfr# NC3813-4 • B&H# CONC38134) .....**189.95**

**14.4v Delta V Charger** with 4-pin XLR Connector - for Ni-Cad and NiMH Batteries (Mfr# NC3814-4 • B&H# CONC38144) .....**189.95**

### DIGILUX PRO DC Dimmable Video Light

*The Digi-Lux is the smallest dimmable on-camera, professional video light in the world. With today's compact digital Hi-Def cameras, lighting your subject perfectly is necessary! Not enough light produces grainy images... too much light can wash out subjects or create harsh shadows making an easy job very difficult.*

*The best and fastest way to minimize your problems is with a dimmable light on your camera, especially an intelligent one that is controlled by a computerized microprocessor programmed to perform better than any other existing dimmable system today.*



The Digi-lux's dimming system (adjustable between 0 and 35 watts) will hold the Kelvin temperature within the + or - of the cameras requirements automatically, noise free and it will prolong the life of your lamp and battery tremendously paying for itself in less than twenty four hours of recording.

The Digi-Lux can operate from 12v, 13.2v or 14.4v batteries. The maximum watt is 75w @ 12v, DC only. Many adapter cables are available including 4-pin XLR and Brick Taps for Anton Bauer and Sony systems as well as other accessories to make your job run smoother.

**Digi-Lux On-Camera Light** (Mfr # LK-2511; B&H # COLK2511): With 35w lamp, 4-pin XLR connecting cable, shoe mount.....**159.95**

**Digi-Lux On-Camera Light** (Mfr # LK-2512; B&H # COLK2512): With 35w lamp, Power Tap connecting cable, shoe mount.....**149.95**

#### Digi-Lux On-Camera Kits

**Digi-Lux On-Camera Kit** (Mfr # LK-2513; B&H # COLK2513): Kit includes DigiLux on-camera light with 35w lamp, 4-pin XLR connecting cable, shoe mount, Soft-Box and Light Shade.....**224.95**

**Digi-Lux On-Camera Kit** (Mfr # LK-2514; B&H # COLK2514): Kit includes DigiLux on-camera light with 35w lamp, Power Tap connecting cable, shoe mount, Soft-Box and Light Shade .....**209.95**

**Digi-Lux On-Camera Kit** (Mfr # LK-2513A; B&H # COLK2513A): Kit includes DigiLux on-camera light with 35w lamp, cigarette lighter connecting cable, shoe mount, Soft-Box and Light Shade.....**254.95**

**Digi-Lux On-Camera Kit** (Mfr # LK-2515; B&H # COLK2515): Kit includes DigiLux on-camera light with 35w lamp, 4-pin XLR connecting cable, shoe mount, Soft-Box, Light Shade and L-7 battery pack .....**324.95**

### MINI-COOL



### On-Camera or Stand Mounted AC/DC Light

*Nominated for an Oscar, and used by NASA on the space shuttle, the Mini-Cool is the most versatile light available. Compact and powerful, it produces more light with 250w bulbs than 650w fresnels four times the size. It can be powered DC for on-camera use where it can also be height adjusted to prevent red eye. Powered by AC it can be stand mounted where it becomes the perfect key light. It offers a choice of 20 different lamps from 12v to 240v and 22 to 300 watts, and is supported by 16 optional accessories including mounting devices and light control items like daylight filters and diffusion lenses. The standard for an on-camera light, the Mini-Cool delivers uniform and precise color-perfect illumination every time.*

- ◆ Today's "key light" for video, the MR-16 lamp out-performs 650 watt studio fresnels and 1000-watt open-face fixtures, projecting a cool-uniform-color-perfect light.
- ◆ As a key-light mount rotating barn doors or a soft-box to get the effect you want.
- ◆ As a daylight source, with a daylight balance filter, it can compete with 200 HMI's.
- ◆ Made of aircraft aluminum, the housing is vented, cools fast and protects the lamp. The incredibly efficient air-draft system dramatically improves lamp and socket life.

**Mini-Cool with AC Lamp:** Includes 120v AC 150w lamp, 5-ft. coiled AC cable with in-line switch, MD-5050 5/8" light stand adapter (also has 1/4-20 screw for on camera mounting), and a diffusion (frosted) glass that softens the flood beam for a desired effect. (Mfr# LK2000 • B&H# COLK2000) ..... **174.95**

**Mini-Cool with Studio Pack:** Same as above, plus AC Photo Dimmer (LC-7150), Spring Clamp mount (MD-5250), 4 bulldog clips, 4 diffusion and 4 daylight gels (Mfr# LK2010 • B&H# COLK2010) ... **349.95**

**Mini-Cool AC/DC Pack:**

Mini-Cool light with 120v AC 150-watt and 12v DC 75-watt flood lamps, camera mount adapter (MD-5000) and camera handle (MD-5200), 5-ft. coiled AC cable with in-line switch, diffusion (frosted) glass and cigarette plug DC adapter (Mfr# LK2050 • B&H# COLK2050) ..... **239.95**

**Mini-Cool AC/DC Pack:**

Same as above with 4-pin XLR DC adapter (Mfr# LK2054 • B&H# COLK2054) ..... **249.95**

### Mini-Cool Light Kits

*Consisting of multiple Mini-Cool and Micro-Lux lights and a wide assortment of adapters, lamps and accessories, these kits are ideal for the professional cine or videographer who usually shoots away from the studio. In addition to the Mini-Cool, the kits also include the Micro-Lux, an extremely small on-camera light for digital camcorders with power to spare. This ingenious light produces a smooth, even beam to put a sparkle in the eyes, soften facial shadows, bring out skin tones, and give you professional results at low cost. Standard with a 35-watt bulb (also accepts 20-watt bulbs), it can operate at 12v, 13.2v, or 14.4 volts for a long time—almost four hours with a 20w lamp from a small battery. It tilts and rotates on its L-bracket to be bounced or directed as needed. The MD5000 Camera Adapter fits nicely into a female camera shoe and also will work with a 1/4-20 mount by using the tightening knob as a separate mounting device.*



**LK-2201 3-Light Location Kit** - consists of:

2 Mini-Cool Key, 1 Micro-Lux On Camera Lights, Stand and Camera Adapters, Softbox, Dimmer, Light Stands, Bulbs, CoolKit Case - 635 Total Watts (Mfr# LK2201 • B&H# COLK220) ..... **1399.95**

**LK-2202 5-Light Studio Kit** - consists of: 4 Mini-Cool, 1 Micro-Lux On Camera Lights, Lenses, Gels, Adapters, Clamp, Light Stands, Bulbs, CoolKit Case - 635 Total Watts (Mfr# LK2202 • B&H# COLK2202) ..... **2099.95**

**LK-2205 3-Light Hi-Def Kit** - consists of: 3- Mini Cool Fixtures, Umbrellas, Mounts, Filters, Dimmers, Clamp, Light Stands, Bulbs, Hard Case - 450 Total Watts (120/240V AC, 12/30V DC) (Mfr# LK2205 • B&H# COLK2205) ..... **1399.95**

**LK-2203 2-Light Broadcast Kit** - consists of:

1 Mini-Cool Key, 1 Micro-Lux On Camera Light, Softbox, Battery Belt, Charger, AC Cords, Filters, Brackets, Adapters, Bulbs, CoolKit Case - 375 Total Watts (Mfr# LK2203 • B&H# COLK2203) ..... **1649.95**

**LK-2204 3-Light Video Kit** - consists of:

2 Mini-Cool, 1 Micro-Lux Lights, Barndoors, Softbox, Adapters, Bulbs, Video Kit Case - 375 Total Watts (Mfr# LK2204 • B&H# COLK2204) ..... **849.95**

U-3



**On-Camera Tri-Light**

With the U-3 you'll never have to make the compromises that you used to make with a single light source. Three individual independent light sources give you multiple lighting (wattage) options without stopping the action. The U-3 accepts any combination of three 12v 20 watt or 35 watt lamps for a maximum of 105 watts. Add or subtract brightness and still maintain a consistent color temperature of 3200°K. The U-3 comes complete with three lamps gel holder, six diffusion and daylight gels, and camera shoe and stud. Made from one piece of extruded aluminum, 2-1/2" deep, the U-3 is pure power and strength. No light is the world can compare with it.

- ◆ A choice of 3 lamps allows use of 20 or 35 watt bulbs— flood or spot— in any combination. One, two or all three lamps can be illuminated from a simple control panel on the back of the U-3.
- ◆ Lighting intensity can be varied without sacrificing color temperature. Lamp switches can be individually preset or controlled by the U-3's master switch. LEDs on the back of indicate which lamps are in use.

**U3** with three 35-watt lamps and cigarette connector (Mfr# U30001 • B&H# COU3).....**279.95**

**U3** with three 35-watt lamps and 4-pin XLR connector (Mfr# U30010 • B&H# COU34P) .....**259.95**

**SL-3000**  
**Broad Light/Soft Light**

It takes just a push of a button to turn it on. After you push that magical button, a heavenly glow will hug your subject giving you the best picture the world has ever seen from an on-camera light. Or, remove the hood and convert your on-camera softlight into a 4" x 2" on-camera broad light creating a "cinema look" for everyone to admire. Furthermore, the beauty of the SL-3000 design and its innovative engineering provide an on-camera light that fits in the palm of your hand!



**As a Softlight:**

HDTV format light beam footprint. Perfect for interview close-ups. Beautiful skin tones and color. Gentle, soft facial imperfections and wrinkles. Adds a sparkle to the eyes. Large light source hugs the subject.

**As a Broadlight:**

HDTV format light beam footprint. Compact, low profile; only 9 oz. Largest on-camera light source available. Perfectly even illumination. Voltages include 12/13.2/14.4, 120v, 240v. Push button On/Off switch.

**SL-3000** Broad/Soft On-Camera Light with 4-pin XLR Connector (Mfr# SL3000 • B&H# COSL3000).....**Call**

**SL-3010** Broad Light AC/DC Kit - consists of: SL-3000 Broad Light, Dimmer, AC and DC Cables (Mfr# SL3010 • B&H# COSL3010) .....**Call**

**SL-3074** Light and Battery Pack Kit - consists of: SL-3000 Broad Light, Soft Hood and BC-3054 Battery (Mfr# SL3074 • B&H# COSL3074).....**364.95**

**SL-3080** Light and Battery Pack Kit - consists of: SL-3000 Broad Light, Soft Hood and NC-1380 Battery Belt (Mfr# SL3080 • B&H# COSL3080) .....**659.95**

**SL-3084** Light and Battery Pack Kit - consists of: SL-3000 Broad Light, Soft Hood and NC-1384 Battery (Mfr# SL3084 • B&H# COSL3084) .....**699.95**

**Uniform Color Perfect Lamps**

**Mini-Cool AC Lamps**  
(MR16 120v)

- FOS-001** 120V, 250W FL.....**29.95**
- FOS-011** 120V, 150W FL.....**29.95**
- FOS-013** 120V, 300W MD..**34.95**

- FOS-002** 30V, 250W FL.....**38.50**
- FOS-003** 12V, 100W FL.....**29.95**
- FOS-004** 12V, 50W FL.....**23.95**

**Mini-Cool DC Lamps**  
(MR16)

- FOS-005** 12V, 25W FL.....**19.95**
- FOS-006** 12V, 50W SP .....**23.95**
- FOS-007** 12V, 25W SP .....**19.95**

- FOS-008** 12V, 75W SP .....**19.95**
- FOS-009** 12V, 75W FL.....**23.95**
- FOS-010** 14.4V, 95W FL .....**23.95**

**TC-400**

**4-Position Turbo Charger**

*In the past, only high end camcorders have had access to accelerated battery discharge/charging systems such as those from IDX, PAG, Anton Bauer, IDX, Frezzi and others. Charging batteries for the Panasonic AG-DVX100, AG-HVX200, Sony DSR-PD170, HVR-V1U, HVR-Z1U, Canon XL-2 and JVC GY-HD110U, Dolgin's TC-400 now offers these camera owners the same option —saving them significant time.*

*Providing fast and safe simultaneous charging, high capacity battery packs (up to 6 AH), are ready in about 3.5 hours. As a battery is being charged, charge status is displayed in Volts, mAh (as counted by the charger fuel gauge) and percent of charge (estimated, using proprietary algorithm). The digital LCD display indicates the battery pack capacity, if fully discharged before insertion. Each of the 4 channels is fully independent of the others, batteries can be inserted/removed at any time. A built-in Battery Test/Discharge Module cycles the pack through charge-discharge-charge, reports true capacity as tested. Last, it also offers 7.2V DC output for camera operation from AC or 12v DC power source. Runs on 100-240v AC power supply for use around the world. 12v DC car power can be utilized when AC power isn't available. Includes a 2-year warranty.*



<b>TC-400</b> for Panasonic DVX-100, HVX-200 batteries (Mfr # TC400-04-PAN-TDM • B&H # DO4PTDMCP) .....	<b>579.95</b>
<b>TC-400</b> for Sony DSR-PD170, DCR-VX2100 batteries (Mfr # TC400-04-SON-TDM • B&H # DO4PTDMCS) .....	<b>579.95</b>
<b>TC-400</b> for Canon XL-2, XL-H1 batteries (Mfr # TC400-04-CAN-TDM • B&H # DO4PTDMCC) .....	<b>539.95</b>
<b>TC-400</b> for JVC GY-HD110U batteries (Mfr # TC400-04-JVC-TDM • B&H # DO4PTDMCJ) .....	<b>569.95</b>
TC-400 without TDM (Test/Discharge Module) for Panasonic (Mfr # TC40004PAN • B&H # DO4PCP), for Canon (Mfr # TC40004CAN • B&H # DO4PCC), for Sony (Mfr # TC40004SON • B&H # DO4PCS) for JVC (Mfr # TC40004JVC • B&H # DO4PCJ) .....	<b>Call</b>
The TC-400 is also available without TDM (Test/Discharge Module) in a 2-position configuration. For Canon (Mfr # TC40002CAN • B&H # DO2PCC), for Sony (Mfr # TC40002SON • B&H # DO2PCS), for JVC (Mfr # TC40002JVC • B&H # DO2PCJ) .....	<b>399.95</b>



**TC-40**  
**4-Position Simultaneous Charger**

*Like the TC-400, the TC-40 can simultaneously charge batteries for the Panasonic AG-DVX100, AG-HVX200, Sony DSR-PD170, HVR-V1U, HVR-Z1U, Canon XL-2 and JVC GY-HD110U. It provides fast and safe charging of high capacity battery packs (up to 6 AH) in about 4.5 hours. However, there is no LCD display or DC camera output, and the Test Discharge Module is optional. Also, the channels are not independent like on the TC-400.*

*Instead, the TC-40 incorporates Dynamic Power Management (DPM) minimizing battery charge time. By dynamically adjusting battery charge current, more current is allocated to the deeper discharged battery. Through this process the batteries are ready to use at about the same time. Runs on 100-240v AC power for use around the world.*

<b>TC-40-JVC</b> for JVC GY-HD110 batteries (Mfr# TC40-JVC • B&H# DO4PCJQ) .....	<b>349.95</b>
<b>TC-40-CAN</b> for Canon XL-2, XL-H1 batteries (Mfr# TC40-CAN • B&H# DO4PCCQ) .....	<b>349.95</b>
<b>TC-40-SON</b> for Sony DSR-PD170, DCR-VX2100 batteries (Mfr# TC40-SON • B&H# DO4PCSQ) .....	<b>349.95</b>
<b>TC-40-PAN</b> for Panasonic DVX-100, HVX-200 batteries (Mfr# TC40-PAN • B&H# DO4PCPQ) .....	<b>349.95</b>

**TC-200**

Product	TC-400	TC-40	TC-200
Position	4	4	2
Charging	Simultaneous, independent	Simultaneous, DPM	Simultaneous, DPM
Display LCD (battery state of charge, voltage, capacity) reporting	Yes	No	No
Test Discharge Module (optional)	Yes	No	No
Camera Power 7.2V Module (optional)	Yes	No	No
Charge time 5600 mAh battery (approximate)	3.5 hours (all 4 positions)	4.5 hours (all 4 positions)	4.5 hours (both positions)

**2-Position Charger**

The TC-200 is exactly the same as the TC-40 except in a 2-channel configuration. Small and lightweight (5.5 x 4 x 1.5"), it incorporates Dynamic Power Management (DPM) to minimize battery charge time, runs on 100-240v AC power supply for use around the world and includes a 2-year warranty.



- TC-40-JVC** for JVC GY-HD110 batteries (Mfr # TC200JVC • B&H # DOTC200J) .....**219.95**
- TC-40-CAN** for Canon XL-2, XL-H1 batteries (Mfr # TC200CAN • B&H # DOTC200C) .....**219.95**
- TC-40-SON** for Sony DSR-PD170, DCR-VX2100 batteries (Mfr # TC200SON • B&H # DOTC200S) .....**229.95**
- TC-40-PAN** for Panasonic DVX-100, HVX-200 batteries (Mfr # TC200PAN • B&H # DOTC200P) .....**199.95**

**DC-7200 Camera DC Power Converter**

Available for Canon, JVC and Panasonic, the DC-7200 is a universal 12-15v to 7.2v converter with a 4-pin XLR input and built-in voltage monitor LEDs. This universal DC voltage converter allows users to connect any external DC power source to a compatible camcorder. The DC-7200 incorporates a highly efficient PWM switching power supply. An innovative overvoltage/overcurrent/reverse polarity protection circuit guards your camera during operation. It runs cool, as most of the battery charge is delivered to the camera, not dissipated as heat.



- DC-7200 for Canon XL-2, XL-H1, XL-H1S, XL-H1A (Mfr # DC-7200XLH1 • B&H # DODCCC) .....**159.95**
- DC-7200 for JVC GY-HD110U (Mfr # DC-7200JVC • B&H # DODCCJ) .....**159.95**
- DC-7200 for Panasonic AG-DVX100, HVX-200 (Mfr # DC-7200HVX • B&H # DODCCPQ) .....**159.95**



**vDOUBLER  
7.2v to 14.4v Voltage Converter**

Accepting a pair of common 7.2v Panasonic, Sony or Canon batteries, the vDoublor outputs 14.4v DC to power portable monitors, 14.4v cameras, or any other 12-16v accessory. It features voltage monitor LEDs, XLR 4-pin power output, and is Anton Bauer Gold Mount ready — plugs in on the back of the monitor, camera or can be used separately, with a longer power cable. Powers a BT-LH80W Panasonic monitor for 4-6 hours using 5400 mAh batteries.

## LITHIUM-ION BATTERIES

### Professional On-Camera Batteries

Frezzi's lithium-ion camera batteries are designed for professional videographers who require a lightweight, powerful on-camera battery that offers the capacity to run a camera for hours without frequent battery changes.

Available batteries include a 100WH battery, the most powerful lithium available for legal transport without restrictions, a 130WH battery and an incredible 200WH battery. They directly connect to all cameras with Anton/Bauer or V-Lock brackets. To charge these batteries, Frezzi offers the simultaneous FLC-2 dual-channel and FLC-1 compact single-channel chargers, as well as the M2100 / M2100A series all-chemistry chargers.

Note: Frezzi's V-lock series batteries can also be charged on most Sony or IDX lithium-ion battery chargers.

- ◆ 100WH battery is the most powerful, legally transportable battery available today.
- ◆ 200WH battery can deliver 8 hours of runtime with 25w camera load.
- ◆ All batteries can handle a camera and light together up to 85w.
- ◆ Thermal, Over Discharge, Over Load, Over Current Protection.
- ◆ Advanced LED meter with sleep mode and low battery flashing indicator.



#### For Anton/Bauer Bracket:

- FLB-100** (FRFLB100): 100WH battery. 3.6" x 6.5" x 2", 1.9 lbs.....**467.95**
- FLB-130** (FRFLB130): 130WH battery. 3.6" x 6.5" x 2", 2.2 lbs .....**524.95**
- FLB-200** (FRFLB200): 200WH battery. 3.6" x 6.5" x 2.7", 3.1 lbs.....**626.95**

#### For V-Lock Bracket:

- FLB-100V** (FRFLB100V): 100WH battery. 3.6" x 6.5" x 2", 1.9 lbs .....**446.95**
- FLB-130V** (FRFLB130V): 130WH battery. 3.6" x 6.5" x 2", 2.2 lbs .....**519.95**
- FLB-200V** (FRFLB200V): 200WH battery. 3.6" x 6.5" x 2.7", 3.1 lbs.....**599.95**

## Professional Battery Chargers

Frezzi offers a dual simultaneous charger with a 50w power supply that can be used while charging, and an extremely compact, economical single-channel travel charger, which weighs just 8 oz. The FLC-2 Dual-Channel Charger/Power Supply has two Anton/Bauer type mounting plates and can charge all Frezzi FLB-100, FLB-130 or FLB-200 batteries. The

FLC-2V has two V-Lock mounting plates, and can charge all FLB-100V, FLB-130V or FLB-200V batteries, as well as Sony or IDX V-Lock style lithium-ion batteries. Both the FLC-2 and FLC-2V indicate the charge status with LED indicators on each channel. The FLC-1 single-channel travel charger can charge all Frezzi FLB series batteries via a charge port that is built-in to all FLB series batteries. All FLC model chargers have auto AC Voltage select for world wide operation.



- ◆ Dual chargers offer simultaneous charging and use of power supply at same time.
- ◆ Single channel is smallest and lightest weight charger available in the world.
- ◆ Lithium-ion compatible.
- ◆ Feature-rich, lower in cost.
- ◆ CE and UL approved.
- ◆ Auto voltage select for worldwide operation.

#### FLC-2V (FRFLC2V)

Dual simultaneous lithium charger/power supply for a V-lock mount. 8.1" x 7.1" x 3.6", 3.5 lbs..**612.50**

#### FLC-2 (FRFLC2)

Dual simultaneous lithium charger/power supply for A/B mount. 8.1" x 7.1" x 3.6", 3.5 lbs .....**572.50**

#### FLC-1 (FRFLC1)

Compact lithium charger. It's dimensions are 4.6" x 1.9" x 1.3", and it weighs just 0.5 lb .....**169.95**

## LITHIUM-ION BATTERIES

### Power Packages

Frezzi's lithium-ion camera power packages come complete with two lithium-ion batteries and a dual-channel simultaneous battery charger with a 50W power supply that can be used while charging. They have an advanced LED meter with sleep mode and connect directly to any camera with either an Anton/Bauer or V-Lock battery bracket. These packages are available with your choice of 100WH, 130WH or 200WH batteries.



	14.8v Battery	Battery Charger	Mounting Plate	Price
<b>LP-1 (FRLP1)</b>	2x FLB-100: 100WH Lithium-Ion Batteries	FLC-2 Dual-Channel Lithium Charger/Power Supply	Anton/Bauer	<b>1324.95</b>
<b>LP-2 (FRLP2)</b>	2x FLB-130: 130WH Lithium-Ion Batteries	FLC-2 Dual-Channel Lithium Charger/Power Supply	Anton/Bauer	<b>1494.95</b>
<b>LP-3 (FRLP3)</b>	2x FLB-200 200WH Lithium-Ion Batteries	FLC-2 Dual-Channel Lithium Charger/Power Supply	Anton/Bauer	<b>1659.50</b>
<b>LP-1V (FRLP1V)</b>	2x FLB-100V: 100WH Lithium-Ion Batteries	FLC-2V Dual-Channel Lithium Charger/Power Supply	V-Lock	<b>1324.95</b>
<b>LP-2V (FRLP2V)</b>	2x FLB-130V: 130WH Lithium-Ion Batteries	FLC-2V Dual-Channel Lithium Charger/Power Supply	V-Lock	<b>1494.95</b>
<b>LP-3V (FRLP3V)</b>	2x FLB-200V 200WH Lithium-Ion Batteries	FLC-2V Dual-Channel Lithium Charger/Power Supply	V-Lock	<b>1684.95</b>

### Component Descriptions:

**FLB-100/V:** 14.8 VDC 100WH battery.  
**FLB-130/V:** 14.8 VDC 130WH battery.

**FLB-200/V:** 14.8 VDC 200WH battery.  
**FLC-1:** Single channel compact travel lithium charger.  
**FLC-2/V:** Simultaneous dual lithium-ion charger and power supply. Regulated 40w 14.8 VDC output.  
**MFIC-PT:** Mini-Fill with 35 watt lamp, dimmer control and PowerTap connector.

**MFIC-PTS:** Mini-Fill with 30 watt lamp, dimmer control and PowerTap connector.  
**LS-21A:** 1.5" light stud with shoe mount.  
**LS-1A:** 1.5" light stud with 1/4-20 thread.

### Camera Power and Lighting Packages



Frezzi's lithium-ion camera power and dimmer light packages combine the award-winning Dimmer Mini-Fill together with 100w camera batteries and an advanced lithium-ion battery charger.

The 100w lithium-ion batteries are the most powerful lithium-ion camera batteries that can travel without any restrictions. The dual battery packages come with a dual simultaneous charger with a power supply that can be used while charging. The single battery packages contain a compact economical single channel charger that plugs directly into the side of the batteries' unique

built-in charger port. Both charger models have auto AC voltage select to allow for worldwide operation.

	14.8v 100WH Battery	Battery Charger	Dimmer Mini Fill Light	1.5" Stud (Shoe Mount)	1.5" Stud (1/4-20 Thread)	Mounting Plate	Price
<b>LP-4 (FRLP4)</b>	2x FLB-100	FLC-2 Dual-Channel	MFIC-PT with 35w lamp	LS-21A	LS-1A	Anton/Bauer	<b>1654.95</b>
<b>LP-5 (FRLP5)</b>	1x FLB-100	FLC-1 Single-Channel	MFIC-PT with 35w lamp	LS-21A	LS-1A	Anton/Bauer	<b>1076.95</b>
<b>LP-4V (FRLP4V)</b>	2x FLB-100V	FLC-2V Dual-Channel	MFIC-PTS with 30w lamp	LS-21A	LS-1A	V-Lock	<b>1654.95</b>
<b>LP-5V (FRLP5V)</b>	1x FLB-100V	FLC-1 Single-Channel	MFIC-PTS with 30w lamp	LS-21A	LS-1A	V-Lock	<b>1076.95</b>

## NIMH BATTERIES

### Professional HD Camera Batteries

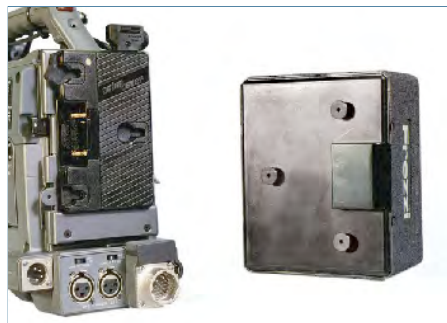
*Frezzi camera batteries are currently used by networks, production companies, professional videographers and military crews around the world who have educated themselves and found a better alternative in camera batteries. Frezzi's Nicad and NiMH camera batteries are generally more powerful for their size and*



*weight compared to similar cell chemistries, and offer more cycles and have better performance at higher rate discharge than any other when operating camera and lighting together. Frezzi camera batteries directly connect to all Anton/Bauer or V-Lock camera brackets. They are available with or without an Advanced Energy Gauge that indicates the remaining capacity as well as a sleep mode when not in use to conserve battery power. They are housed in a military-grade, rugged, serviceable sure grip case that can be serviced or re-celled unlike sealed, unserviceable, plastic throw away batteries.*

#### FEATURES

- ◆ Superior cycle life.
- ◆ Advanced energy gage models accurately indicate the available battery capacity.
- ◆ High discharge allowance.
- ◆ Choice of the highest capacity, high-density, memory-free Nickel Metal Hydride cells.
- ◆ Rugged, sure-grip case protects the exterior from dents and dings.
- ◆ Built-in power tap for lighting on batteries with a V-Lock mount.
- ◆ Batteries connect directly to all Anton/Bauer or V-Lock camera brackets.



### NiMH Batteries

#### 150WH HD On-Board Camera Batteries

**HD-150** (Mfr # 93207 • B&H # FRHD150): 150WH 14.4v DC NiMH full-size camera battery with A/B 3-stud mount. Its dimensions are 5.5" x 4.38" x 3.25", and it weighs 5.4 lbs.....**514.50**

**HD-150EG** (Mfr # 93306 • B&H # FRHD150EG): 150WH 14.4v DC NiMH full-size camera battery with Energy Gauge and an A/B 3-stud mount. Its dimensions are 5.5" x 4.38" x 3.25", and it weighs 5.4 lbs ..**599.95**

#### 60WH HD Mini On-Board Camera Batteries

**HD-60** (Mfr # 93208 • B&H # FRHD60): 60WH 14.4v DC NiMH mini camera battery with A/B mount. Its dimensions are 5.5" x 4.38" x 2.38", and it weighs 2.9 lbs.....**247.50**

**HD-60EG** 60WH 14.4v DC NiMH mini camera battery with Energy Gauge and an A/B 3-stud mount. Its dimensions are 5.5" x 4.38" x 2.38", and it weighs 2.9 lbs.....**CALL**

### HD Power Packages

#### with 2 HD 150WH Batteries & Dual Simultaneous Charger

**HD-1 Package** (Mfr # 98008 • B&H # FRHD1)  
Package consists of two HD-150EG 150WH 14.4v NiMH camera batteries with advanced energy gauge; one FQC-2A dual simultaneous charger, with ready indicator, auto rescue mode.....**1499.95**

**HD-2 Package** (Mfr # 98009 • B&H # FRHD2)  
Package consists of two HD-150EG 150WH 14.4v NiMH camera batteries without energy gauge; one FQC-2A dual simultaneous charger, with ready indicator, auto rescue mode.....**1399.95**

## NiCAD & NiMH BATTERY CHARGERS

### All Chemistry Advanced Quad Charger/Analyzer

The M2100 and M2100-4 quad chargers can fast charge all Frezzi Nicad, NiMH and lithium-ion batteries, as well as discharge and analyze them, providing all information on a back-lit alphanumeric display. They both have 4-NP-1 ports and 4 front BP-90 jacks. The M2100-4 offers four extra charger adapter cables of your choice. Both units offer a unique rescue mode for abused or over discharged batteries and a 70W regulated power supply is included. Auto AC voltage select for worldwide operation is standard.

**M2100 Quad Charger (FRM2100)**  
Accepts 4-NP-1 or 4-batteries via front adapter.....**1269.95**

**M2100-4 Quad Charger (FRM21004)**  
Accepts 4-NP-1. Includes a choice of four charge adapters.....**1399.95**



**M2100-A Charger/Analyzer (B&H # FRM2100A) .....1399.95**

### M-2100-A All Chemistry Advanced Quad Charger/Analyzer

The M2100A Advanced Quad Fast charger is similar to the M2100A, but is designed to directly accept all Frezzi brick batteries with an Anton/Bauer-type mount. With four extra BP-90 charge ports in front, it will charge Frezzi Nicad, NiMH and lithium-ion batteries, as well as most other Frezzi batteries and most other 12-14.4v batteries. The M2100A can fast charge, discharge, analyze and rescue abused, over-discharged down batteries — and even power your camera or light via a 70W regulated power supply that offers overload protection circuitry. AC Auto voltage select for worldwide operation is standard.

### Fast Charger/Discharger for Nicad and NiMH Batteries

Frezzi's single-channel advanced charger can fast charge, discharge and rescue Nicad and NiMH NP-1 and brick-style batteries via a top mount. An extra BP-90 charge port on the front can charge other battery belts and packs. Models with an optional 40W power are also available. Auto AC voltage select is standard on all models.

#### NP-1-type Top Mount

**M1000 Charger/Discharger (FRM1000)**  
NP-1 top mount, 2 lbs.....**504.50**

**M1000P Charger/Discharger (FRM1000P)**  
NP-1 top mount. Includes 40W power supply. Weighs 2.5 lbs.....**663.50**

#### Anton Bauer-type Top Mount

**M1000A Charger/Discharger (FRM1000A)**  
Anton/Bauer top mount, 2.5 lbs .....**562.50**

**M1000AP Charger/Discharger (FRM1000AP)**  
Anton/Bauer-top mount. Includes a 40W power supply. Weighs 2.5 lbs .....**689.95**



### Quick Charger for Nicad and NiMH Batteries

An economical line of quick chargers that quickly charge and rescue Nicad or NiMH 12-14.4v, 1-9AH batteries. It is available in a compact single-channel unit with a choice of 6 different connectors or a dual-channel simultaneous charger for Frezzi brick-style batteries with Anton/Bauer type mount. Auto AC Voltage select is standard.

- FQC-NP1 Quick Charger (FRFQCNP1):** For NP-1-style batteries, 2.8" x 5.6" x 1.5", 0.5 lbs ..... **169.95**
- FQC-14 Quick Charger (FRFQC14):** For Frezzi batteries with A/B-type mount, 2.8" x 5.6" x 1.5", 0.5 lbs..... **149.95**
- FQC-4X Quick Charger (FRFQC4X):** For batteries with 4-pin XLR connector, 2.8" x 5.6" x 1.5", 0.5 lbs ..... **169.95**
- FQC-BP-90 Quick Charger (FRFQCBP90):** For batteries with BP-90 connector, 2.8" x 5.6" x 1.5", 0.5 lbs ..... **169.95**
- FQC-12P Quick Charger (FRFQC12P):** For batteries with cigarette plug, 2.8" x 5.6" x 1.5", 0.5 lbs..... **169.95**
- FQC-2 Quick Charger (FRFQC2A):** For two Frezzi batteries with A/B-type mount, 2.8" x 5.6" x 1.5", 1.5 lbs..... **429.95**

## BATTERIES

### NP-1 Slim Line Camera / Light Batteries

Frezzi's NP-1 Slim Line batteries include the NPX-2 13.2v 32WH pack that will charge in any NP-1 type charger, and an FNP-1MH 13.2v 50WH pack that requires a Frezzi M and FCQ Series charger. Both batteries can handle lighting loads up to 50W maximum.



**NPX-2 Camera/Light Battery** (Mfr # 93105; B&H # FRNPX2)  
13.2v 32WH NP-1 Nicad battery for extended camera run time.  
Dimensions are 2.83" x 7.28" x 0.98" and it weighs 1.52 lbs.....**114.95**

**FNP-1MH Camera/Light Battery** (Mfr # 93101; B&H # FRFNP1MH)  
13.2v 50W NiMH battery for maximum camera run time.  
Dimensions are 2.75" x 7.25" x 0.94" and it weighs 1.5 lbs .....**159.95**

### BP-90 Style Camera / Light Batteries



Frezzi's FBP-90 style battery is a replacement for the original Sony BP-90 camera battery. It is also used for Frezzi lighting and can charge on all Frezzi chargers with a BP-90 port, or an original Sony BP-90 type charger.

**FBP-90** (Mfr # 93105; B&H # FRFBP90)  
12v 60WH 5AH Nicad battery. 6.5" x 4.8" x 1.5", it weighs 3.5 lbs.....**299.95**

### FB Series Battery Packs for Lighting

For powering on-camera lighting, Frezzi's FB Series batteries are a great choice. They are housed in a protective nylon pouch with a detachable shoulder strap and belt loop to make it a comfortable wearing high-performance battery to power all lights with a 4-pin or cigarette-type connector.



**FB-125-4X Battery Pack** (Mfr # 93514 • B&H # FRFB1254X)  
12v 125WH battery with 4x output, shoulder strap and belt loop.  
Dimensions are 8.5" x 5.5" x 2", and it weighs 4 lbs .....**349.95**

**FB-150-4X Battery Pack** (Mfr # 93515 • B&H # FRFB1504X)  
14.4v 150WH battery with 4x output, shoulder strap and belt loop.  
Dimensions are 8.5" x 5.5" x 2", and it weighs 4.5 lbs.....**399.95**

**FB-125-12P Battery Pack** (Mfr # 93516 • B&H # FRFB12512P)  
12v 125WH battery with cigarette lighter output, shoulder strap and belt loop. Dimensions are 8.5" x 5.5" x 2", and it weighs 4 lbs .....**349.95**

### Deluxe Leather 30v Battery Belts

Deluxe, all-leather heavy-duty 30v and 30/14v battery belts include a built-in charger with ready indicator, maintenance charge and auto AC voltage select for worldwide use. Weighing 10 lbs. each, the F30EC has a 30v 2-pin output connector, while the F30/14 is switchable from 30v to 14.4v and has two output connectors; one 2-pin 30v and one 4-pin XLR connector.



**F30EC Battery Belt** (FRF30EC): 30v 150WH Leather battery belt with built in charger, 2-pin amphenol output.....**1449.95**

**F30/14 EXFA Battery Belt** (FRF3014EXFA): EXFA 30v/14.4v 150WH switchable output, Leather battery belt with built in charger, 1-30v 2-pin amphenol and 1-14.4v 4x output connectors .....**1572.50**

### Battery Belts for Lighting and Camera



Frezzi's economical battery belts included built-in charger with rescue mode, auto maintenance charge and auto AC voltage select, Dual 4-pin XLR output connectors allow you to power a

light and/or camera together, F14MH 130WH belt can power 35w light and 25w camera over 2 hours.

**F12MH Battery Belt** (FRF12MH): 12v 125WH battery belt with a built-in charger and dual 4-pin output. It weighs 5.5 lbs .....**659.95**

**F14MH Battery Belt** (FRF14MH): 14.4v 150WH battery belt with built-in charger and dual 4-pin output. It weighs 6.6 lbs .....**742.95**

### 30v Battery Packs

**EC-30 Battery Pack** (FRE30)  
A self-contained 30v 150WH battery pack with a 2-pin 30v amphenol connector, housed in a rugged case with a handle and a detachable shoulder strap. It includes a built-in 120VAC 12-hour charger. 9.5" x 5" x 2.75", it weighs 10 lbs .....**1199.95**

**F30P Battery Pack** (FRF30P)  
This heavy-duty 30v 450WH 15AH Super Pack is designed to power Frezzi 200w or 400w ballasts on DC, running the 200w over 1½ hours and the 400W over 45 minutes. (An F30QC charger is required for charging.) 8.6" x 4.75" x 10", it weighs 14 lbs.....**2594.95**



## MICRO-FILL & MICRO-SUN GUN

### Advanced Mini-HD and DV Lighting

Frezzi is the world leader for on-camera lighting used by virtually all network news operations, cable, and sports channels for over 70 years. Frezzi continues to expand its family of award winning quartz and HMI lighting tailored to today's smaller Mini-HD and DV camcorders. The Micro-Fill series provides tungsten or daylight-balanced light. The Standard and Dimmer Micro-Fill are balanced at 3200K, and provide 5600K with the optional MRDF Micro Fill Dichroic Filter. The Dimmer Micro-Fill offers an advanced dimmer circuit for controlling light output, providing optimal DV performance without radio interference. Micro-Fills and Micro-Sun Guns are affordably priced and designed with the same professional features as their big brother counterparts, the award-winning Frezzi Mini-Fills and HMI Mini-Sun Guns. Improve your image quality by putting a Frezzi on your camera and see the outstanding results.



#### FEATURES

- ◆ Compact, lightweight, rugged camera-top lighting.
- ◆ Universal shoe mount, 1/4-20 thread, 1/2" stud mount included.
- ◆ Quality construction with professional features.
- ◆ Available with all commonly requested connectors.
- ◆ 3 models: on/off, dimmer, HMI daylight (5600K).
- ◆ Many accessories and options.



Dimensions are 3.7" x 3.3" x 2.2". The Standard Micro-Fill is 5 oz, Dimmer Micro-Fill is 6 oz, and Micro-Sun Gun is 7 oz.

#### SPARE LAMPS

- FTH (GBFTH):** 35 watts/12 volts 3200K tungsten .....**2.95**
- FTD (GBFTD):** 20 watts/12 volts 3200K tungsten .....**2.95**
- FAB-10 (FAB10):** 10 watts/12 volts 5600K HMI.....**CALL**
- LED-2 (LED2):** 2 watts/12 volts 4000K .....**CALL**

#### Choice of Connectors



Standard Micro-Fill On/Off Quartz	Dimmer Micro-Fill Dimmable Quartz	Micro-Sun Gun HMI On/Off HMI	DC Connector
<b>MRF-NP1 (FRMRFP1) \$174.95</b>	<b>MRFC-NP1 (FRMRFCNP1) \$249.95</b>	<b>MRA-NP1 (FRMRANP1) \$499.95</b>	NP-1 battery connector, 4' cable
<b>MRF-NP1S (FRMRFP1S) \$169.95</b>	<b>MRFC-NP1S (FRMRFCNP1S) \$253.50</b>	<b>MRA-NP1S (FRMRANP1S) \$499.95</b>	NP-1 battery connector, 2' cable
<b>MRF-PT (FRMRFPPT) \$179.95</b>	<b>MRFC-PT (FRMRFCPT) \$249.95</b>	<b>MRA-PT (FRMRAPT) \$519.95</b>	Power-tap connector, 2' cable
<b>MRF-PTS (FRMRFPPTS) \$169.95</b>	<b>MRFC-PTS (FRMRFCPTS) \$249.95</b>	<b>MRA-PTS (FRMRAPTS) \$499.95</b>	Power-tap connector, 1' cable
<b>MRF-4X (FRMRF4X) \$169.95</b>	<b>MRFC-4X (FRMRFC4X) \$244.95</b>	<b>MRA-4X (FRMRA4X) \$499.95</b>	XLR-4 male connector, 4' cable
<b>MRF-5X (FRMRF5X) \$169.95</b>	<b>MRFC-5X (FRMRFC5X) \$249.95</b>	<b>MRA-5X (FRMRA5X) \$499.95</b>	XLR-5 male connector, 4' cable
<b>MRF-12P (FRMRF12P) \$179.95</b>	<b>MRFC-12P (FRMRFC12P) \$249.95</b>	<b>MRA-12P (FRMRA12P) \$499.95</b>	Cigarette plug, 4' cable
<b>MRF-12C (FRMRF12C) \$179.95</b>	<b>MRFC-12C (FRMRFC12C) \$249.95</b>	<b>MRA-12C (FRMRA12C) \$499.95</b>	BP-90 socket, 4' cable
<b>MRF-12S (FRMRF12S) \$169.95</b>	<b>MRFC-12S (FRMRFC12S) \$249.95</b>	<b>MRA-12S (FRMRA12S) \$499.95</b>	BP-90 plug, 2' cable

### MICRO-FILL KITS

#### Micro-Fill and Micro-Sun Gun Kits

When looking for an economical light kit that does not sacrifice professional quality, Micro-Fill and Micro-Sun Gun kits are a great choice. Less than 4" long, the lightweight Micro-Fill and Micro-Sun Guns work very well with small cameras. These kits include a light, battery, battery pouch, quick charger and all mounting hardware to attach to any camera.



Dimmer Micro-Fill Kit shown with Sony HVR-Z1U

#### Standard Micro-Fill Kit

- ◆ Standard Micro Fill with 35w bulb (MRF-NP1)
- ◆ 13.2 volt, 50WH Slim Line battery
- ◆ Quick charger 120/240v AC (FQC-NP1)
- ◆ Nylon pouch with belt loop and shoulder strap for FNP-1S (NP1-POUCH)
- ◆ Run time: 1.4 hours with included 35 watt FTH bulb; 2.5 hours with optional 20 watt FTD bulb

**Standard Micro-Fill Kit (FRMRFKNP1Q) .....494.95**

#### Dimmer Micro-Fill Kit

- ◆ Dimmer Micro-Fill with 35w bulb (MRFIC-NP1)
- ◆ 13.2 volt, 50WH Slim Line battery
- ◆ Quick charger 120/240 VAC (FQC-NP1)
- ◆ Nylon pouch with belt loop and shoulder strap for FNP-1S (NP1-POUCH)
- ◆ Run time: 1.4 hours with included 35 watt FTH bulb; 2.5 hours with optional 20 watt FTD bulb

**Dimmer Micro-Fill Kit (FRMRFKICNP1Q).....589.95**

#### Micro-Sun Gun HMI Kit

- ◆ Micro-Sun Gun with bulb (MRA-NP1)
- ◆ 13.2 volt, 50WH Slim Line battery
- ◆ Quick charger 120/240 VAC (FQC-NP1)
- ◆ Nylon pouch with belt loop and shoulder strap for FNP-1S (NP1-POUCH)
- ◆ Run time: 5 hours with the included 10 watt FAB-10 bulb

**Micro-Sun Gun HMI Kit (FRMRAKNP1Q) ...872.95**



#### Universal DV/HD Micro-Fill Light Kits

Universal Light Kits include everything you need to set up any Mini DV/HD camera with professional lighting: battery, charger and a stable support kit. A universal mounting adapter and the support stick allow unique operating positions, while providing a balanced and stabilized camera when shooting.

#### Standard Micro-Fill Light Kit

- ◆ Micro-Fill Light with 35w lamp and all mounting hardware (MRF-NP1S)
- ◆ Battery pack (FNP-1MH)
- ◆ Quick charger (FQC-NP1)
- ◆ Universal battery/light adapter (NP-1HCP)
- ◆ Universal camera/light support stick (UMS)
- ◆ Stud converts camera stable stick to light stick with NP-1HCP (LS)

**Standard Micro-Fill Light Kit (FRMRFKU).....682.95**

#### Dimmer Micro-Fill Light Kit

- ◆ Dimmer Micro-Fill Light with 35w lamp and all mounting hardware (MRFIC-NP1S)
- ◆ Battery pack (FNP-1MH)
- ◆ Quick charger (FQC-NP1)
- ◆ Universal battery/light adapter (NP-1HCP)
- ◆ Universal camera/light support stick (UMS)
- ◆ Stud converts camera stable stick to light stick with NP-1HCP (LS)

**Dimmer Micro-Fill Light Kit (FRMRFKICU) .....769.95**

#### Micro-Sun Gun HMI Light Kit

- ◆ Micro-Sun Gun with bulb (MRA-NP1S)
- ◆ Battery Pack (FNP-1MH)
- ◆ Quick charger (FQC-NP1)
- ◆ Universal battery/light adapter (NP-1HCP)
- ◆ Universal camera/light support stick (UMS)
- ◆ Stud converts camera stable stick to light stick with NP-1HCP (LS)

**Micro-Sun Gun HMI Light Kit (FRMRFKICU) .....949.95**

# FREZZI

## STABLE-CAM



SG-HH  
Stable-Cam in use

### Mini DV/HD Support System

A total support system, the Stable-Cam removes wrist stress and arm fatigue inherent with hand-held Mini-DV cameras. Fully adjustable, it features unique Stable-Grip and Hip-Grip balancing handles and waist support. Stable-Cam balances

on 3 body points (shoulder, hands and hip), making a natural body extension while powering the light and camera from one system.



Over-the-crowd shooting position with the unique adjustable Hip-Grip

### Stable-Cam Models

- SC-DV** (FRSCDV): Stable-Cam DV camera support (no battery bracket) .....**584.50**
- SC-NP** (FRSCNP): Stable-Cam with NP-1 bracket .....**654.95**
- SC-AB** (FRSCAB): Stable-Cam with AB bracket .....**659.95**
- SC-VL** (FRSCVL): Stable-Cam with V-Lock bracket .....**659.95**
- SG-HH** (FRSGHH): Stable-Cam DV hand-held stabilizer .....**89.95**



SC-1 A/B Kit shown with Sony PD-170 and optional soft box

### STABLE-CAM POWER AND LIGHT KITS

	Stable-Cam with	Micro-Fill	Battery	Charger	Price
<b>SCK-1 Kit</b> (FRSCK1)	A/B Bracket (SC-AB)	Dimmer Micro-Fill (MRFIC-PT)	100WH Lithium Snap-On (FLB-100)	Compact Lithium Charger (FLC-1)	<b>1252.50</b>
<b>SCK-2 Kit</b> (FRSCK2)	V-Lock Bracket (SC-VL)	Dimmer Micro-Fill (MRFIC-PT)	100WH Lithium V-Lock (FLB-100V)	Compact Lithium Charger (FLC-1)	<b>1252.50</b>
<b>SCK-3 Kit</b> (FRSCK3)	NP-1 Bracket (SC-NP)	Dimmer Micro-Fill (MRFIC-PT)	50WH NP-1 (FNP-1MH)	Quick charger (FQC-NP-1)	<b>1252.50</b>

## MICRO-FILL & MICRO-SUN GUN ACCESSORIES

### Micro-Fill Accessory Kit (FRMRFA)

This accessory adds a dichroic filter for daylight balanced light, a diffusion filter, and barn doors in a single accessory. Built of lightweight aircraft aluminum, it attaches to the Micro-Fill line of products quickly and easily. 2.4" x 2.5" x 2.8", it weighs 2.2 oz .....**159.95**

**Micro-Sun Gun Accessory Kit (FRMRAA) .....159.95**

### Micro-Fill Dichroic Filter (FRMRDF)

Converts the Micro-Fill light to 5600K from 3200K. The daylight corrected Micro-Fill supplies daylight-balanced fill light for close-ups and interviews. For shooting in outside daylight, this is a must. 0.9" x 2.3" x 2.4", it weighs 1.5 oz .....**87.95**

**Micro-Sun Gun CTO filter (FRMRAF) .....96.50**

### Micro-Fill / Micro-Sun Gun Soft Box (FRMRSB)

A lightweight diffusion soft box designed to provide a soft, even distribution of light. It's unique fold-up design allows for quick easy deployment or storage. Mounts to all Micro Fills and Micro Sun Guns. 3" x 3" x 3" (deployed) 2" x 3" x 0.5" (folded), it weighs 1.9 oz .....**113.95**



Micro-Fill Accessory Kit



Micro-Fill Dichroic Filter



Micro-Fill / Micro-Sun Gun Soft Box



Dual Shoe Adapter

Universal Mounting Stick

### Universal Mounting Stick (FRUMS)

An ultra lightweight, rugged mono pod used to support Mini DV and HD type cameras weighing less than 10 lbs. Helps stabilize, counter balance and prevent fatigue while shooting and can provide over the crowd shots. Extends to 61", closes down to 18.8". Weighs 0.85 oz.....**69.95**

### Stable-Grip (FRSGHH)

A unique hand stabilizer that attaches to any Mini DV or HD camera to provide a steady, smooth and stable shot. It also has an extra shoe mount added above the hand grip to allow adding an additional accessory if needed. 8.5" long x hand grip 4.5" long.....**89.95**

### Universal Dual Shoe Adapter (FRFDSA)

Provides an additional shoe mount, allowing you to mount two pieces of hardware on a single shoe mount camera, such as microphones, wireless devices, and monitors. Custom position a Mini-Fill or Micro-Fill to the sides or extend the light forward, to prevent any unwanted shadows. 5.5" x 1.0" x 1.3" .....**74.95**

## MINI-FILL

### Mini-Fill Camera-Top Lighthead

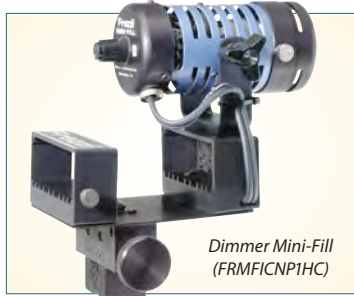
Frezzi's award-winning lighthead, the Mini-Fill, was originally designed for the first Mount Everest climb. It has continuously been updated and improved for the needs of the broadcasting community. The Mini-Fill's reliability, performance, and portability has established its international reputation and inspired an entire line of lighting products available today. Previously known only to the broadcasting community, this exceptional lighthead has become the light of choice for the professional videographer.

- ◆ Extremely lightweight (12 oz.) and compact (2" x 4 1/2").
- ◆ Operates from any 12v to 14.4v or 30v battery.
- ◆ Utilizes high efficiency multi-mirror lamps (20-100 watts).
- ◆ Available in a dual light head configuration for maximum light power.
- ◆ Flip-up daylight correction dichroic filter available.
- ◆ Professional Mini-Fill kits available in crush-proof carrying case.
- ◆ Mounts on camera, pistol grip on lightstand. Available with a complete line of light studs and brackets.



Dimmer Mini-Fill shown with optional dichroic filter and barn doors / diffuser.

#### Choice of Connectors



Dimmer Mini-Fill (FRMFICNP1HC)

### Dimmer Mini-Fill

The Dimmer Mini-Fill provides the ultimate in flexibility for camera top quartz-tungsten lighting. An advanced PWM (pulse width modulation) circuit allows instant adjustment of the light intensity while minimizing color change and conserving power. With this feature you get the performance of a 50-, 60-, 75-, or 100-watt lamp. Adjusting the light output is as simple as turning the dial on the back of the unit. Just dial in the wattage you need and you get the right amount of light, whatever the situation.

Standard Micro-Fill On/Off Quartz	Dimmer Micro-Fill Dimmable Quartz	DC Connector
<b>MF-NP1HC (FRMFNP1HC) \$377.50</b>	<b>MRFIC-NP1HC (FRMFICNP1HC) \$472.95</b>	Self contained NP1 holder and handle clamp (includes 35w lamp)
<b>MF-PT (FRMFPT) \$228.95</b>	<b>MFIC-PT (FRMFICPT) \$329.95</b>	Power-tap connector, 2' cable (includes 35w lamp)
<b>MF-PTS (FRMFPTS) \$189.95</b>	<b>MFIC-PTS (FRMFICPTS) \$329.95</b>	Power-tap connector, 1' cable (20w Standard / 30w Dimmer)
<b>MF-4X (FRMF4X) \$199.95</b>	<b>MFIC-4X (FRMFIC4X) \$329.95</b>	XLR-4 (M) connector, 4' cable (includes 75w lamp)
<b>MF-NP1S (FRMFNP1S) \$208.95</b>	<b>MFIC-NP1S (FRMFICNP1S) \$338.95</b>	NP1 connector, 2' cable (includes 35w lamp)
<b>MF-NP1 (FRMFNP1) \$229.95</b>	<b>MFIC-NP1 (FRMFICNP1) \$329.95</b>	NP1 connector, 4' cable (includes 35w lamp)
<b>MF-12S (FRMF12S) \$219.95</b>	<b>MFIC-12S (FRMFIC12S) \$328.95</b>	BP-90 plug connector for Pag-Lok, 2' cable (includes 50w lamp)
<b>MF-5X (FRMF5X) \$242.95</b>	<b>MFIC-5X (FRMFIC5X) \$338.95</b>	XLR-5 (M) connector, 4' cable (includes 75w lamp)
<b>MF-12C (FRMF12C) \$239.95</b>	<b>MFIC-12C (FRMFIC12C) \$343.95</b>	BP-90 socket connector, 4' cable (includes 50w lamp)
<b>MF-12P (FRMF12P) \$232.95</b>	<b>MFIC-12P (FRMFIC12P) \$338.95</b>	Cigarette plug connector, 4' cable (includes 100w lamp)
<b>MF-30 (FRMF30) \$249.95</b>	<b>MFIC-30 (FRMFIC30) \$267.95</b>	30v, 2-pin amphenol (M), 4' cable (includes 80w lamp)

**MINI-FILL KITS**



Standard Mini-Fill Kits

**MFK-1A Standard Mini-Fill Kit**

- ◆ Standard Mini-Fill with a 100 watt lamp and a choice of connector
- ◆ Barn doors with diffuser (MFBD)
- ◆ 3200K to 5600K dichroic filter (MFDF)
- ◆ 1.5" stud with 1/4-20 thread (LS-1A)
- ◆ 1.5" stud with shoe mount (LS-21A)
- ◆ Compact case (ARCC)

**MFK-1A Kit** (FRMFK1A\_): 3.8 lbs.....**Call**

**MFK-2A Standard Mini-Fill Kit**

- ◆ Standard Mini-Fill with a choice of connector
- ◆ Soft Box with diffuser/gel holder (MFSB-2)
- ◆ 1.5" stud with 1/4-20 thread (LS-1A)
- ◆ 1.5" stud with shoe mount (LS-21A)
- ◆ Compact case (ARCC)

**MFK-2A Kit** (FRMFK2A\_): 3.8 lbs.....**Call**

**MFK-6Q Standard Mini-Fill Kit**

- ◆ Standard Mini-Fill with XLR-4 connector and 4' cable (MF-4X), and a spare bulb
- ◆ 12v, 125Wh shoulder pack battery (FB-125-4X)
- ◆ Quick charger (FQC-4X)
- ◆ 1.5" stud with 1/4-20 thread (LS-1A)
- ◆ 1.5" stud with shoe mount (LS-21A)
- ◆ 3200K to 5600K dichroic filter (MFDF)
- ◆ Rugged waterproof case (TC-2)

**MFK-6Q Kit** (FRMFK6K): 14 lbs .....**904.95**

**MFK-XL Standard Mini-Fill Kit**

- ◆ Standard Mini-Fill with NP connector and 2' cable
- ◆ Camera bracket to attach battery to Canon MA-100 (NP1-CB)
- ◆ 1.5" stud with shoe mount (LS-21A)
- ◆ 12v, 50Wh battery (FNP-1MH)
- ◆ Quick Charger (FQC-NP1)

**MFK-XL1Q Kit** (FRMFKXL1K): 3.5 lbs .....**649.50**



**MFK-4XQ Standard Mini-Fill Kit**

- ◆ Standard Mini-Fill with XLR-4 and 4' cable (MF-4X)
- ◆ 12v, 125Wh nicad battery pack with belt loop and shoulder strap (FB-125-4X)
- ◆ Quick charger (FQC-4X)
- ◆ 1.5" light stud (shoe mount) (LS-21A)

**MFK-4XQ Kit** (FRMFK4XK): 5.5 lbs .....**719.95**

Dimmer Mini-Fill Kits

**MFKIC-1A Dimmer Mini-Fill Kit**

- ◆ Dimmer Mini-Fill with a 100 watt lamp and a choice of connector
- ◆ Barn doors with diffuser (MFBD)
- ◆ 3200K to 5600K dichroic filter (MFDF)
- ◆ 1.5" stud with 1/4-20 thread (LS-1A)
- ◆ 1.5" stud with shoe mount (LS-21A)
- ◆ Compact case (ARCC)

**MFKIC-1A Kit** (FRMFKIC1A\_) .....**629.95**

**MFKIC-2A Dimmer Mini-Fill Kit**

- ◆ Dimmer Mini-Fill with a choice of connector
- ◆ Soft Box with diffuser/gel holder (MFSB-2)
- ◆ 1.5" stud with 1/4-20 thread (LS-1A)
- ◆ 1.5" stud with shoe mount (LS-21A)
- ◆ Compact case (ARCC)

**MFKIC-2A Kit** (FRMFKIC2A\_) .....**Call**



**MFKIC-6Q Dimmer Mini-Fill Kit**

- ◆ Dimmer Mini-Fill with XLR-4 connector and 4' cable (MF-4X), and a spare bulb (EYC)
- ◆ 12v, 125Wh shoulder pack battery (FB-125-4X)
- ◆ Quick charger (FQC-4X)
- ◆ 1.5" stud with 1/4-20 thread (LS-1A)
- ◆ 1.5" stud with shoe mount (LS-21A)
- ◆ 3200K to 5600K dichroic filter (MFDF)
- ◆ Rugged waterproof case (TC-2)

**MFKIC-6Q Kit** (FRMFKIC6K).....**1059.95**

**MFKIC-XL Dimmer Mini-Fill Kit**

- ◆ Dimmer Mini-Fill with NP connector and 2' cable
- ◆ Camera bracket to attach battery to Canon MA-100 (NP1-CB)
- ◆ 1.5" stud with shoe mount (LS-21A)
- ◆ 12v, 50Wh battery (FNP-1MH)
- ◆ Quick Charger (FQC-NP1)

**MFKIC-XL1Q Kit** (FRMFKICXL1K) .....**727.50**

**MFKIC-4XQ Dimmer Mini-Fill Kit**

- ◆ Dimmer Mini-Fill with XLR-4 and 4' cable (MF-4X)
- ◆ 12v, 125Wh nicad battery pack with belt loop and shoulder strap (FB-125-4X)
- ◆ Quick charger (FQC-4X)
- ◆ 1.5" light stud (shoe mount) (LS-21A)

**MFKIC-4XQ Kit** (FRMFKIC4XK).....**828.50**

# MINI-SUN GUN

## Award-Winning HMI Lighting

In 1996 Frezzi revolutionized the lighting industry with the world's first on-camera HMI light. The tremendous popularity of the 24 watt HMI has inspired a growing line of Frezzi HMIs. The Mini-Sun Gun HMI's are now available in a newer sleek lightweight configuration with 2 models to chose from: an 18w HMI that is equivalent to a 75w tungsten color corrected, and a 24w HMI Mini Sun Gun that is equivalent to a 100w tungsten color corrected. Both HMI lights output 5600K with a smooth flat even field of light and operate from 12-14.8v camera battery.



18 Watt Mini-Sun Guns	24 Watt Mini-Sun Guns	DC Connector
<b>MFA18-NP1HC</b> (FRMA18NP1HC) \$947.50	<b>MFA24-NP1HC</b> (FRMA24NP1HC) \$986.50	Self contained NP1 holder and handle clamp
<b>MA18-PT</b> (FRMA18PT) \$869.95	<b>MA24-PT</b> (FRMA24PT) \$839.50	Power-tap connector, 2' cable
<b>MA18-PTS<sup>1</sup></b> (FRMA18PTS) \$869.95	<b>MA24-PTS<sup>2</sup></b> (FRMA24PTS) \$894.95	Power-tap connector, 1' cable, Sony camera output connector
<b>MA18-4X</b> (FRMA184X) \$869.95	<b>MA24-4X</b> (FRMA244X) \$894.95	XLR-4 (M) connector, 4' cable
<b>MA18-NP1S</b> (FRMA18NP1S) \$869.95	<b>MA24-NP1S</b> (FRMA24NP1S) \$899.95	NP1 connector, 2' cable
<b>MA18-NP1</b> (FRMA18NP1) \$869.95	<b>MA24-NP1</b> (FRMA24NP1) \$947.95	NP1 connector, 4' cable
<b>MA18-12S</b> (FRMA1812S) \$869.95	<b>MA24-12S</b> (FRMA2412S) \$894.95	BP-90 plug connector for Pag-Lok, 2' cable
<b>MA18-5X</b> (FRMA185X) \$869.95	<b>MA24-5X</b> (FRMA245X) \$849.95	XLR-5 (M) connector, 4' cable
<b>MA18-12C</b> (FRMA1812C) \$869.95	<b>MA24-12C</b> (FRMA2412C) \$894.95	BP-90 socket connector, 4' cable
<b>MA18-12P</b> (FRMA1812P) \$869.95	<b>MA24-12P</b> (FRMA2412P) \$894.95	Cigarette plug connector, 4' cable

All 18 Watt Mini-Sun Guns include FAB-18 lamp, and all 24 Watt Mini-Sun Guns include FAB-24 lamp  
<sup>1</sup>For use with Sony cameras that have a 30 watt regulator. <sup>2</sup>For use with Sony cameras that have a 50 watt regulator.

### FEATURES & BENEFITS

- ◆ Award-winning design ◆ Sleek, rugged and lightweight
- ◆ Operates from 12-14.8v batteries ◆ Full line of accessories
- ◆ Mounts to all professional cameras

### LAMPS

**FAB-24 HMI Lamp** (Mfr # 97102; B&H # FRFAB24)  
 24 watts, 12v DC, 5600K, 500 hrs. life. It provides a 21° beam spread .....**247.50**

**FAB-18 HMI Lamp** (Mfr # 97103; B&H # FRFAB18)  
 18 watts, 12v DC, 5600K, 500 hrs. life. It provides a 21° beam spread .....**229.95**

### MINI-SUN GUN SPECIFICATIONS

**Mini-Sun Gun 18:** An 18-watt on-camera HMI light with a 1/2" stud mount. It uses an FAB-18 5600K lamp. It's dimensions are 4" x 6.5" x 3.75" (WHD), and it weighs 16 oz.

**Mini-Sun Gun 24:** A 24-watt on-camera HMI light with a 1/2" stud mount. It uses an FAB-24 5600K lamp. It's dimensions are 4" x 6.5" x 3.75" (WHD), and it weighs 16 oz.

### Run-Time and Output Comparison

Fixture	Power Draw	Output	Run Time	FC @ 5'
50w quartz with dichroic filter	50W	35W	86 min.	36
18w HMI	24W	75W*	180 min.	80
24w HMI	28W	100W*	154 min.	100

\*Output shown as daylight corrected tungsten equivalent

Choice of Connectors



**MINI-SUN GUN KITS**

**Mini-Sun Gun Kits with Barndoor/Diffuser and 3200K Filter**

- ◆ 18 or 24 watt Mini-Sun Gun with your choice of connector
- ◆ Barn doors with diffuser
- ◆ 5600K to 3200K conversion filter (MADF)
- ◆ 1.5" stud with 1/4-20 thread
- ◆ 1.5" stud with shoe mount
- ◆ Compact case



**18 Watt Mini-Sun Gun Kit (FRMAK181A\_)** .....Call  
**24 Watt Mini-Sun Gun Kit (FRMAK241A\_)** .....Call

**Mini-Sun Gun Kits with Adjustable Soft Box**

- ◆ An 18 or 24 watt Mini-Sun Gun with your choice of connector
- ◆ Soft box with diffuser gel/holder
- ◆ 1.5" stud with 1/4-20 thread
- ◆ 1.5" stud with shoe mount
- ◆ Compact case



**18 Watt Mini-Sun Gun Kit (RMAK182A\_)** .....Call  
**24 Watt Mini-Sun Gun Kit (FRMAK242A\_)** .....Call

The two kits above are available with a choice of these connectors. Please specify when ordering.



**Mini-Sun Gun Kits with Battery and Quick Charger**



- ◆ An 18 or 24 watt Mini-Sun Gun with an XLR-4 connector
- ◆ Barn doors with diffuser
- ◆ 5600K to 3200K conversion filter
- ◆ Soft box (MFSB)
- ◆ Hand grip (FLH-101)

- ◆ Mounting clamp (9807A) ◆ Clamp to lightstand adapter (LB-5/8)
- ◆ 14.4v, 150WH battery with belt loop and shoulder strap (FB-150-4X)
- ◆ Quick-charger for FB-150-4X (FQC-4X)
- ◆ Rugged waterproof case (TC-2)

**18 Watt Mini-Sun Gun Kit (FRMAK184Q)** .....1969.95  
**24 Watt Mini-Sun Gun Kit (FRMAK244Q)** .....1846.95

**Mini-Sun Gun AC/DC Kits with Battery, Quick Charger, and Power Supply**



- ◆ An 18 or 24 watt Mini-Sun Gun with an XLR-4 connector
- ◆ Barn doors with diffuser
- ◆ 5600K to 3200K conversion filter
- ◆ Soft box (MFSB)
- ◆ Hand grip (FLH-101)

- ◆ Mounting clamp (9807A) ◆ Clamp to light stand adapter (LB-5/8)
- ◆ 14.4v, 150WH battery with belt loop and shoulder strap (FB-150-4X)
- ◆ Quick-charger for FB-150-4X (FQC-4X)
- ◆ Power supply for light (FPS-50) ◆ Rugged waterproof case (TC-2)

**AC/DC 18 Watt Mini-Sun Gun Kit (FRMAK184X)** .....2199.95  
**AC/DC 24 Watt Mini-Sun Gun Kit (FRMAK244X)** .....2134.95

**MOUNTING HARDWARE**

- Universal Handle Clamp (FR9807A):** With 1.5" stud .....78.95
- Universal Handle Clamp (FR9807):** With 3" stud .....69.95
- Universal Handle Clamp (FR9807M):** With 1.5" stud and mic clamp .....87.95
- 1.5" Stud (FRLS1A):** With 1/4-20 thread.....29.95
- 3" Stud (FRLS1):** With 1/4-20 thread .....29.95
- 1.5" Stud (FRLS21A):** With shoe mount .....34.95
- 3" Stud (FRLS21):** With shoe mount.....34.95

- 3" Stud (FRLSM1):** With mic clamp and 1/4-20 thread .....78.95
- 3" Stud (FRLSM21):** With mic clamp and shoe mount.....69.95
- Adapter Block (FRLB.5):** Attaches clamp to 1/2" stud .....26.95
- Adapter Block (FRLB58):** Attaches clamp to 5/8" stud .....26.95
- Hand Grip (FRFLH101):** For Mini-Fills and Mini-Sun Guns.....39.95
- Adapter (FRMB1A):** 5/8" light stand to Frezzi 1/2" light mount .....29.95
- Dual Shoe Adapter (FRFDSA)**.....69.95

## HMI SUPER-SUN GUNS

*Frezzi's 200w and 400w HMI lights are engineered for news gathering to produce a wide, smooth, flat optical field of light output that's unmatched for their size and weight categories. The 200w HMI rivals most 400w HMI units in the field today while the newest 400w HMI can compete with much larger, heavier and expensive 575w and even some 800w models. This incredible output is a direct result of Frezzi's computer-optimized 5" open-face parabolic reflector.*

*Both Frezzi HMI units can operate on either AC or DC compact dimmable ballasts. Unique options are also available for powering the DC ballasts. If you are looking for professional quality, superior output and performance and need to travel lighter to set up quickly with ease, then Frezzi's 200w and 400w HMI kits are designed for you.*



- ◆ Highest output to size & weight ratio
- ◆ Most usable field of light output
- ◆ Dimmer controlled AC & DC ballasts
- ◆ Ruggedized, lightweight, weather-resistant design
- ◆ Hot restrike, daylight-balanced to 5600K
- ◆ No lenses to lose or break
- ◆ User-friendly, uniquely designed options
- ◆ Rapid setup and breakdown, easy travel

<b>Super Sun Gun 200 Lamp Head</b> (Mfr # 92601 • B&H # FRSSG200): With cable.....	<b>1318.95</b>
<b>Super Sun Gun 400 Lamp Head</b> (Mfr # 92602 • B&H # FRSSG400): With cable .....	<b>1393.95</b>
<b>Dimmable AC Ballast with AC Auto Voltage Select</b> (Mfr # 95201 • B&H # FRBAC200) For Super Sun Gun 200.....	<b>1349.50</b>
<b>Dimmable DC Ballast for 30v Operation</b> (Mfr # 95202 • B&H # FRBDC200) For Super Sun Gun 200.....	<b>1349.50</b>
<b>Dimmable AC Ballast with AC Auto Voltage Select</b> (Mfr # 95203 • B&H # FRBAC400) For Super Sun Gun 400.....	<b>1599.95</b>
<b>Dimmable DC Ballast for 30v Operation</b> (Mfr # 95204 • B&H # FRBDC400) For Super Sun Gun 400.....	<b>1899.95</b>

## ACCESSORIES

**Dual Brick Adapter** (Mfr # 96608 • B&H # FRPA3014B)  
Holds two 14.4v brick batteries to power to produce a 30v output. It offers connections for both 30 and 14 VDC. It measures 6" x 3" x 6.25", and weighs 1.4 lbs .....**429.95**

**Dual Brick Adapter** (Mfr # 96610 • B&H # FRPA30B)  
Same as above, with 30v output only.....**339.95**

**Soft Box with Filters** (Mfr # 96222 • B&H # FRBSSG)  
Complete with 3-diffusion filters and 1-CTO. This unique design allows filters to slide in the front envelope to adjust diffusion level or color temperature. Folds open or closes quickly for deployment or storage .....**278.50**

**Heavy-Duty Battery** (Mfr # 93509 • B&H # FRF30P)  
30v 15AH battery powers 200w or 400w ballasts on DC, running the 200w over 90 minutes, and the 400w over 45 minutes. Requires F30QC quick-charger for charging .....**2594.95**

**Four Leaf Barn-Door** (Mfr # 96221 • B&H # FRBDSSG)  
Attaches directly to light heads. Fully rotatable, they allow you to mount a diffusion filter simultaneously with the barn doors.....**89.95**



**Quick-Charger** (Mfr # 94108 • B&H # FRF30QC)  
Charges the F30P 30v battery in approximately 4 hours, designed with Auto AC voltage select for world wide operation. 8.25" x 4.9" x 3.9", it weighs 3 lbs.....**1574.95**

**8' Light Stand** (Mfr # 96224 • B&H # FRLSSG)  
Non-reflective black aluminum stand with 4 risers and 3 telescopic extensions. It extends to a height of 8' .....**99.95**

**Drop-in Glass CTO Conversion Filter**  
(Mfr # 96227 • B&H # FRSSGCTO).....**164.50**

**Drop in Glass Diffusion Filter**  
(Mfr # 96228 • B&H # FRSSGDIF) .....**124.50**

**SSG-GP Filter Pack** (Mfr # 96234 • B&H # FRSSGGPFP)  
Contains 1 CTO and 3 diffusion filters.....**16.50**

**25' Extension Cable for 200w HMI Light**  
(Mfr # 96223 • B&H # FREC200).....**159.95**

**25' Extension Cable for 400w HMI Light**  
(Mfr # 96233 • B&H # FREC400).....**159.95**

**200W HMI Lamp**  
(Mfr # 97104 • B&H # FRFAB200) .....**249.95**

**400W HMI Lamp**  
(Mfr # 97106 • B&H # FRFAB400) .....**244.95**

**AC/DC Ballast-to-Light Stand Clamp**  
(Mfr # 96225 • B&H # FRBC1): Clamps 200w or 400w ballasts to stand. This keeps the ballast cable off the floor, and makes better use of cable length on a tall light stand .....**64.95**

## SUPER-SUN GUN KITS

Frezzi's 200W HMI Kits are the new standard for network news organizations and top production companies that want the very best available HMI lights and accessories in a kit that's rugged, lighter weight and transports easily.

### Single Head 200 Watt HMI Kits

#### SSGK1-200AC Super-Sun Gun HMI Kit

1x Super Sun Gun lamp head with 10' cable (SSG-200); 1x BAC-200 dimmable AC ballast with auto AC voltage select for worldwide operation (95201); 1x FAB-200 MRS-HR hot restrike HMI lamp (97104); 1x SSG-SB soft box with filters (96222); 1x SSG-BD 4-leaf barn door (96221); and 1x TC-3 transport case (96003).

**SSGK1-200AC** (Mfr # 92701 • B&H # FRSSGK1200AC) .....**3429.95**

#### SSGK1-200DC Super-Sun Gun HMI Kit

Same as above, but with DC ballast only.

**SSGK1-200DC** (Mfr # 92703 • B&H # FRSSGK1200DC) .....**Call**

#### SSGK1-200AC/DC Super-Sun Gun HMI Kit

1x SSG-200 Super Sun Gun lamp head with 10' cable (92601); 1x BAC-200 dimmable AC ballast with auto AC voltage select for worldwide operation (95201); 1x BDC-200 dimmable DC ballast (95204); 1x FAB-200 MRS-HR hot restrike HMI lamp (97104); 1x SSG-SB soft box with filters (96222); 1x SSG-BD 4-leaf barn door (96221); 1x TC-3 transport case (96003).

**SSGK1-200AC/DC** (Mfr # 92704 • B&H # FRSSG200ACDC) .....**4624.95**

### Dual Head 200 Watt HMI Kits

#### SSGK2-200AC Super-Sun Gun HMI Kit

2x Super Sun Gun lamp heads with 10' cable (SSG-200); 2x BAC-200 dimmable AC ballasts with auto AC voltage select for worldwide operation (95201); 2x FAB-200 MRS-HR hot restrike HMI lamps (97104); 2x SSG-SB soft boxes with filters (96222); 2x SSG-BD 4-leaf barn doors (96221); TC-3 transport case (96003).

**SSGK2-200AC** (Mfr # 92702 • B&H # FRSSGK2200AC) .....**6728.95**

#### SSGK2-200DC Super-Sun Gun HMI Kit

Same as above, but with two DC ballasts only.

**SSGK2-200DC** (Mfr # 92712 • B&H # FRSSGK2200DC) .....**6459.95**

#### SSGK2-200AC/DC Super-Sun Gun HMI Kit

2x SSG-200 Super Sun Gun lamp heads with 10' cable (92601); 2x BAC-200 dimmable AC ballasts with auto AC voltage select for worldwide operation (95201); 2x BDC-200 dimmable DC ballasts (95204); 2x FAB-200 MRS-HR hot restrike HMI lamps (97104); 2x SSG-SB soft boxes with filters (96222); 2x SSG-BD 4-leaf barn doors (96221); 1x TC-3 transport case (96003).

**SSGK2-200ACDC** (Mfr # 92705 • B&H # FRSSGK2ACDC) .....**8981.95**

Frezzi's new 400W HMI Kits are designed for network news organizations and top production companies that want maximum light output in a portable HMI kit that can operate on AC or DC, transport easily, set up quickly, and offer the very best available light output and accessories.

### Single Head 400 Watt HMI Kits

#### SSGK1-400AC Super-Sun Gun HMI Kit

1x SSG-400 Super Sun Gun lamp head with 10' cable (92602); 1x BAC-400 dimmable AC ballast with auto AC voltage select for worldwide operation (95203); 1x FAB-400 MRS-HR hot restrike HMI lamp (97106); 1x SSG-SB soft box with filters (96222); 1x SSG-BD 4-leaf barn door (96221); and 1x TC-3 transport case (96003).

**SSGK1-400AC** (Mfr # 92706 • B&H # FRSSGK1400AC) .....**3909.95**

#### SSGK1-400DC Super-Sun Gun HMI Kit

1x SSG-400 Super Sun Gun lamp head with 10' cable (92602); 1x BCD-400 dimmable DC ballast for 30v operation (95204); 1x F30P 30v 15A battery to operate DC ballast (93509); 1x F30QC 4-hour quick-charger (94108); 1x FAB-400 MRS-HR hot restrike HMI lamp (97109); 1x SSG-SB soft box with filters (96222); 1x SSG-BD 4-leaf barn door (96221); and 1x TC-5 transport case with wheels (96009).

**SSGK1-400DC** (Mfr # 92707 • B&H # FRSSGK1400DC) .....**7736.95**

#### SSGK1-400AC/DC Super-Sun Gun HMI Kit

1x SSG-400 Super Sun Gun lamp head with 10' cable (92602); 1x BAC-400 dimmable AC ballast with auto AC voltage select for worldwide operation (95203); 1x BCD-400 dimmable DC ballast for 30v operation (95204); 1x F30P 30v 15A battery to operate DC ballast (93509); 1x F30QC 4-hour quick-charger (94108); 1x FAB-400 MRS-HR hot restrike HMI lamp (97109); 1x SSG-SB soft box with filters (96222); 1x SSG-BD 4-leaf barn door (96221); and 1x TC-5 transport case with wheels (96009).

**SSGK1-400AC/DC** (Mfr # 92710 • B&H # FRSSG400ACDC) .....**9039.95**



SSGK1-400AC  
Super-Sun Gun HMI Kit

### Dual Head 400 Watt HMI Kits

#### SSGK2-400AC Super-Sun Gun HMI Kit

2x SSG-400 Super Sun Gun lamp heads with 10' cable (92602); 2x BAC-400 dimmable AC ballasts with auto AC voltage select for worldwide operation (95203); 2x FAB-400 MRS-HR hot restrike HMI lamps (97106); 2x SSG-SB soft boxes with filters (96222); 2x SSG-BD 4-leaf barn doors (96221); and 1x TC-3 transport case (96003).

**SSGK2-400AC** (Mfr # 92708 • B&H # FRSSGK2400AC) .....**7279.95**

## ENDURA SYSTEM

### Universal Battery and Charger System

*Pioneers in the use of Lithium Ion, IDX was the first to produce Lithium Ion NP batteries for users who demanded more power and less battery weight. IDX built on that award-winning Lithium Ion NP success with revolutionary ENDURA System batteries with PowerLink, and now with the flagship ENDURA ELITE high performance battery.*

*The ENDURA System is the cornerstone of the IDX battery philosophy—to have a lightweight, powerful battery that can be universally used on the widest range of equipment with in-built intelligence and monitoring. Using the popular V-Mount mounting system ENDURA batteries can be used on the widest range of equipment, thus future proofing your investment. The ENDURA system is a unified product line where all batteries, chargers and accessories are compatible and interchangeable. It is designed so that an ENDURA solution can be found to suit every user's needs from the high-powered ENDURA ELITE to the compact ENDURA-7 series. For added comfort, the BMS Battery Management System and i-Trax monitoring gives built-in confidence and control.*

#### FEATURES

- ◆ Today's cameras come equipped with the V-Mount as standard or can be easily adapted to take the IDX V-Mount plate. Simple and convenient, the quick and robust V-Mount is the most popular camera and accessory mount system in the world. All ENDURA System batteries and equipment are designed to be fully V-Mount compatible.
- ◆ ENDURA batteries will mount directly on cameras that have the V-Mount style already built-in, including HDV, Digital Betacam, Betacam SX, DVCAM and HDCAM®. ENDURA batteries are also adaptable to Gold Mount systems with the IDX A-AB2E adapter plate, or may affix directly to other cameras by using the P-V/P-VS camera adapter plate.
- ◆ ENDURA Digi-View feature displays accurate battery capacity in the camera viewfinder of many new cameras. (This feature is available on the E-7, E-10 and ELITE only).
- ◆ All IDX products are designed to international safety, EMC and environmental specifications and standards including IATA requirements. From their award-winning battery systems to their innovative, compact power supplies, you can be confident that IDX address today's challenges with advanced technology, rugged design and reliable performance.
- ◆ With fast reliable charging, small compact and durable equipment design, unique status and performance data—you can be sure that any IDX product you choose will stand the test of time.

#### Advantages of Lithium Ion Batteries

- ◆ High power to less weight ratio: the lightest most powerful battery chemistry available.
- ◆ There is no memory effect like with Ni-Cd or Ni-MH type batteries.
- ◆ Low self-discharge compared to other battery types.
- ◆ Environmentally clean and safe compared to other battery chemistries.

#### Benefits of the ENDURA System

- ◆ PowerLink technology allows two batteries to be “stacked” together for an extra boost of power. (This feature is available on the E-7 and E-10 only)
- ◆ ENDURA E-7 and E-10 have built-in data storage that keeps a record of the last three uses such as: power load, environmental temperature, date of use, etc. This stored data can be downloaded to a PC by using BMS software to enable efficient battery management (also available on the ENDURA ELITE).
- ◆ Intelligent self protection circuits ensure longer life
  - Over charge protection circuit activates when the battery reaches specified limit.
  - Over discharge protection circuit activates when the battery reaches specified limit.
  - Over current protection circuit activates when incidental high current is drawn
  - Temperature protection circuit will shut the battery down to protect it when the temperature internally reaches a preset limit.

#### Power Status Display & Power Indicator:

10-step power status display on the ELITE and built-in 5-LED on the E-7/E-10 displays a quick and precise indication for remaining battery capacity. These accurate readings are determined by the on-board microprocessor that calculates the subsequent discharge conditions. E-7S/E-10S come with a 3-LED indicator.

#### Syncron:

ENDURA system is available with energy saving Syncron technology that automatically activates on-camera lights when recording is engaged. (This feature is only available when used with the P-VS adapter plate).

# ENDURA BATTERIES

## ENDURA ELITE

### 142Wh Li-ion Power Cartridge V-Mount Battery with Digi-View

The ENDURA ELITE is the ideal battery for today's next-generation Hi-Def ENG/EFP cameras. At 142 Wh capacity, and with full air transportability compliance, the ELITE offers the best power source for today's Hi-Def field operations. Its unique replaceable cartridge design allows for easy exchange of the cartridges in the future, thus reducing the cost of replacement batteries and significantly lowering the cost of ownership. It is compatible with all existing IDX V-Mount chargers and supports Digi-View and i-Trax Battery Management System.



The ENDURA ELITE is uniquely designed with a 10 step remaining power indicator. The remaining power is shown in increments of 10% by full/flashing combination of the 5 LEDs. This information can be shown in the camera viewfinder via Digi-View. In addition a new mode LED shows the user preset and warning conditions of the battery

**ELITE Endura Battery - (Mfr# ELITE • B&H# IDEE) ..... 649.95**

## ENDURA-10 (E-10)

The ENDURA-10 is the highest capacity PowerLink battery. It has a capacity of 98Wh and PowerLink allows doubling capacity up to 196Wh. It has an accurate 5 LED Power Status Display and supports Digi-View and i-Trax Battery Management System.

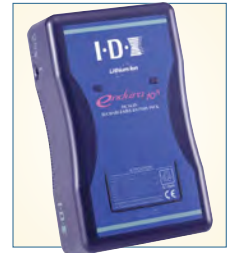


The ENDURA Power Status is an accurate display of the batteries remaining charge status. A six step LED status shows the remaining capacity in increments of 20% plus the last remaining 10%. This information can be shown in the camera viewfinder via Digi-View.

**E-10 Endura V-Mount Battery - (Mfr# E-10 • B&H# IDE10) ..... 449.95**

## ENDURA-10S (E-10S)

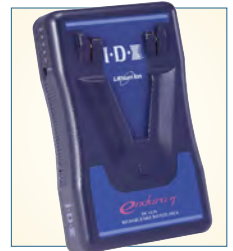
This economical version of the ENDURA-10 provides the same power specifications of 98Wh, without PowerLink and Digi-View. It has a 3 LED Power Indicator feature. The Power Indicator is a quick reference of the batteries charge state. A simple 3 LED condition indicator shows if the battery is full or requires charge. The center LED is used to indicate if the battery has been used since the previous full charge.



**E-10S Endura Battery - (Mfr# E-10S • B&H# IDE10S) ..... 349.95**

## ENDURA-7 (E-7)

A compact PowerLink battery with a capacity of 71Wh and allows doubling of the capacity up to 142Wh. It has an accurate 5 LED Power Status Display and supports Digi-View and i-Trax Battery Management. Power Status accurately displays the remaining charge status. A 6-step LED status shows the remaining capacity in increments of 20% plus the last remaining 10%. This information can be shown in the camera viewfinder via Digi-View.



**E-7 Endura V-Mount Battery - (Mfr# E-7 • B&H# IDE7) ..... 279.95**

## ENDURA-7S (E-7S)

This economical version of the ENDURA-7 provides the same power specifications of 71Wh, without PowerLink and Digi-View. It has a 3 LED Power Indicator, which is a quick reference of the batteries charge state. Simple 3 LED condition indicator shows if the battery is full or requires charge. The center LED is used to indicate if battery was used since the previous full charge.



**E-7S Endura Battery - (Mfr# E-7S • B&H# IDE7S) ..... 199.95**



**PowerLink** is a unique feature of the ENDURA-10 and ENDURA-7 batteries that allows users to effectively double up on available capacity. So the ENDURA-10 can be 196Wh and the ENDURA-7 can be 142Wh. This gives the flexibility to run either lightweight with only one battery when the shoot is short or to PowerLink when a long run time is needed and especially when a high load, such as with on-board lights, is used. It can also act as effective balance control if occasional use of either front end heavy mattebox or wide lens is called for. PowerLink is quick and easy to use.

	ENDURA ELITE	ENDURA-10 (E10)	ENDURA-10S (E10S)	ENDURA-7 (E7)	ENDURA-7S (E7S)
<b>Capacity</b>	142Wh (14.8V/9.6Ah)	98Wh(14.8V/6.6Ah)	98Wh(14.8V/6.6Ah)	71Wh(14.8V/4.8Ah)	71Wh(14.8V/4.8A)
<b>Typical Camera Run-Time</b>	4.7 hours (@30W)	3.25 hours (@30W)	3.25 hours (@30W)	2.25 hours (@30W)	2.25 hours (@30W)
<b>Power Indicators</b>	ELITE Power Status	Power Status	Power Indicator	Power Status	Power Indicator
<b>Dimensions</b>	3.94"Wx6.69"Hx2.76"D	3.35"Wx5.51"Hx2.32"D	3.35"Wx5.59"Hx1.97"D	3.35"Wx5.51"Hx1.57"D	3.35"Wx5.59"Hx1.32"D
<b>Weight</b>	2.76 lbs approx.	1.72 lbs approx	1.65 lbs approx	1.19 lbs approx	1.15 lbs approx.

## ENDURA CHARGERS

The ENDURA charger range is the industry standard charger combining high speed, lightweight and reliability with full international safety and EMC standards design. The optimum electronic charge regime combined with the mechanical needs of rugged, compact and portable systems are the cornerstone of the IDX design.

The VL-2 series chargers are designed for compact, portable ENG and on-the-road use. They are designed in lightweight, high-impact molded cases and are multi-chemistry capable. They are designed for excellent reliability and offer built-in AC adapter power supply as an added advantage. VL-4 series chargers are the professional choice for high battery usage. Fully simultaneous they are the fastest way to have batteries ready. They are also multi-chemistry and have worldwide AC input capability. The high-end VL-4Si and VAL-4Si are also i-Trax capable



### EC-1 Portable Battery Charger

The ultimate lightweight V-Mount charger for true field portability. Weighing less than 0.65 lbs, the EC-1 slips into a jacket pocket or a side pocket of any camera bag. Ideal as a back-up charger or for single battery users, the EC-1 is designed for use with ENDURA batteries only, and charges them to 90% of capacity. Plug it into the AC wall plug, snap on the battery, and charging begins. Inexpensive and practical, every camera person should have several to run a truly efficient field shooting operation, guaranteeing fully charged battery availability at all times.

**EC-1** Portable Endura Charger - Single Channel (Mfr# EC-1 • B&H# IDEC1) ..... **159.95**

### VL-2Plus

#### 2-Channel Sequential Quick Charger w/60-watt DC Power Supply

The ideal economic V-Mount charger, the VL-2 Plus is a 2-channel sequential charger with a built-in 60W power supply. It has a lightweight high impact molded case and weighs only 2 lbs. making it the perfect travel companion. Charges one ENDURA E-7 series battery in three hours, and two batteries in 6-hours. Charges NP-style batteries using the optional A-E2NP adapter.



- ◆ Lightweight (2 lbs) design with a built-in handle for convenience
- ◆ An LED indicator offers charge status of each battery at a glance
- ◆ Optional A-E2NP adapter allows it to charge NP-style Lithium-ion, NiMH or nicad batteries
- ◆ Provides 60 watts of DC power via front panel 4-Pin XLR connector
- ◆ Power switch is recessed to prevent an accidental loss of power.
- ◆ Runs on world-wide AC 100-240v power with auto-sensing operation

**VL-2Plus** Two Channel Lithium-Ion Battery Charger, with 60-Watt Power Supply with IDX CA-4XLR - 10' Cable (Mfr# VL-2PLUS • B&H# IDVL2) ..... **579.95**



### VL-2SPlus

#### 2-Channel Simultaneous Quick Charger w/100W DC Power Supply

The VL-2S Plus is a 2-channel simultaneous charger with a built-in 100W power supply. It also offers the IDX PowerBase mode which provides battery powered DC when an AC feed is not available. Charges NP-style Ni-Cd & Li-ion batteries using optional A-E2NP adapter.

- ◆ Lightweight (2.5 lbs) design with a built-in handle for convenience
- ◆ An LED indicator offers charge status of each battery at a glance
- ◆ Optional A-E2NP adapter allows it to charge NP-style Lithium-ion, NiMH or nicad batteries
- ◆ Provides 100 watts of DC power via front panel 4-Pin XLR connector
- ◆ Power switch is recessed to prevent an accidental loss of power.
- ◆ Runs on world-wide AC 100-240v power with auto-sensing operation

**VL-2SPlus** Battery Charger/Power Supply – V-Mount (Mfr# VL-2SPLUS • B&H# IDVL2S) ..... **659.95**

# ENDURA CHARGERS

## VL-4S

### 4-Channel Simultaneous Quick Charger

The most economical high-speed 4-channel, simultaneous charger available, the VL-4S is a workhorse charger for professional production for fast battery turn-around. It can charge four E-10 batteries in under 4 hours and four ELITE batteries in 4-1/2 hours. NP-style batteries may be charged by using the A-E2NP adapter. Features a lightweight high-impact molded case and is multi-chemistry capable.



- ◆ Lightweight (7 lbs) design with a built-in handle for convenience
- ◆ An LED indicator offers charge status of each battery at a glance
- ◆ Optional A-E2NP adapter allows it to charge NP-style Lithium-ion, NiMH or nicad batteries
- ◆ Power switch is recessed to prevent an accidental loss of power.
- ◆ Runs on world-wide AC 100-240v power with auto-sensing operation

**VL-4S** Endura Lithium-Ion Battery Charger (Mfr# VL-4S • B&H# IDVL4S).....**799.95**

## VL-4Si

### 4-Channel Simultaneous Quick Charger with LCD display

The VL-4Si is an enhanced version of the VL-4S. Advance features include an LCD display which provides continuous display of charging information. It also features a complete i-Trax battery management system capability with discharge for full battery analysis of ELITE, E-10 and E7 batteries, when connected to the charger. A USB connector is available on the back of the charger to connect to your PC to retrieve the digital information.



**VL-4Si** Battery Charger (Mfr# VL-4Si • B&H# IDVL4Si) .....**1099.95**

## VAL-4Si

### 8-Channel (4+4) Simultaneous Quick Charger with LCD display

This charger supports the same features as the VL-4Si with LCD monitor, plus allows for an additional 4-channel expansion module providing an economical upgrade to eight charging banks. To expand to a second bank of Endura battery charging; the VAL-4Si utilizes supplied cables to allow 8 batteries to be charged. The first four charge simultaneously, when finished the second set of four charge simultaneously.



**VAL-4Si** Battery Charger (Mfr# VAL4Si • B&H# IDVAL4Si) .....**1499.95**

## i-Trax BMS



i-Trax BMS (Battery Management System) is a hardware/software solution which provides detailed data information

from ENDURA Lithium Ion batteries. Each BMS compatible battery features IDX's exclusive Digital Data Protocol which stores, in non-volatile memory, the most complete battery usage information available. The BMS software records the batteries data into a database and displays information such as charge cycles, discharge cycles, operating temperatures, high loads and more. Users can manipulate and manage the data to increase the life of their battery system.

(Mfr# BMS-VR • B&H# IDBMSVR) .....**397.95**

## Charger Performance Table

		Endura Elite	E-10 / E-10S	E-10 / E-10S	NP-L7 / NP-L7S
<b>VL-2PLUS</b>	1 Battery	290	220	180	180
	2 Batteries	580	440	360	360
<b>VL-2SPLUS</b>	1 Battery	185	145	140	140
	2 Batteries	225	165	140	140
<b>VL-4S</b>	1-3 Batteries	240	180	155	155
	4 Batteries	290	220	180	180
<b>VL-4Si</b>	1-3 Batteries	240	180	155	155
	4 Batteries	290	220	180	180
<b>VAL-4Si</b>	1-3 Batteries	240	180	155	155
	4 Batteries	290	220	180	180
<b>EC-1</b>	1 Battery	400	300	220	N/A
<b>JL-2Plus</b>	1 Battery	290	220	180	180
	2 Batteries	580	440	360	360

Above are max charge times in minutes assuming a fully discharged (empty) battery, actual time may vary with battery age

# ENDURA PLATES & ADAPTERS

The universal design of the IDX V-Plate allows the adaptation of most cameras and accessory equipment to the popular V-Mount system and use of ENDURA batteries and accessories.

**P-V2 V-Mount Plate:**

The P-V2 is a V-Mount adapter plate used to mount the ENDURA V-Mount batteries on cameras that currently support other mounting systems. It is designed to universally fit on most camera makes. The P-V2 includes 2-pin D-Tap connector for powering on-board lights and supports Digi-View.

**P-V2** (Mfr# P-V2 • B&H# IDPV2) ..... **113.95**

**P-VS2 V-Mount Plate:**

Same as above, except the P-VS2 is also fitted with Synchron which activates on-camera lights.

**P-VS2** (Mfr# P-VS2 • B&H# IDPVS2) ..... **134.95**

**A-AB2E Adapter Bracket:**

Temporary "3-stud" mount to "V-Mount" converter plate. This plate slides onto 3-stud mounting brackets, allowing ENDURA batteries to be used. This plate temporarily eliminates Digi-View and Synchron.

**A-AB2E** (Mfr# A-AB2E • B&H# IDAAB2E) ..... **139.95**

**A-E2DT V-Mount Adapter:**

The A-E2DT is a V-Mount to V-Mount plate with 2 pin D-Tap connector. It supplies broadcast cameras which have no DC output connectors, with a D-Tap output. Used between the camera head and battery. Supports all V-Mount compatible cameras.

**A-E2DT** (Mfr# A-E2DT • B&H# IDAE2DT) ..... **229.95**

**A-E241 V-Mount Dual Battery Adapter:**

The A-E241 is designed for the HD/Cinematographer who needs more power, higher current-draw and longer runtime. It gives the capability to mount up to four (4) ENDURA V-Mount batteries using the exclusive PowerLink technology – allowing up to 392W of power. Slim design reduces the cameras profile and its durability ensures a solid connection between equipment and batteries. Can be fitted to cameras of any manufacturer, using different battery mounting systems.

**A-E241** (Mfr# A-E241 • B&H# IDAE241) ..... **563.95**

## ENDURA Plates and Brackets



P-V2

P-VS2

A-E2DT

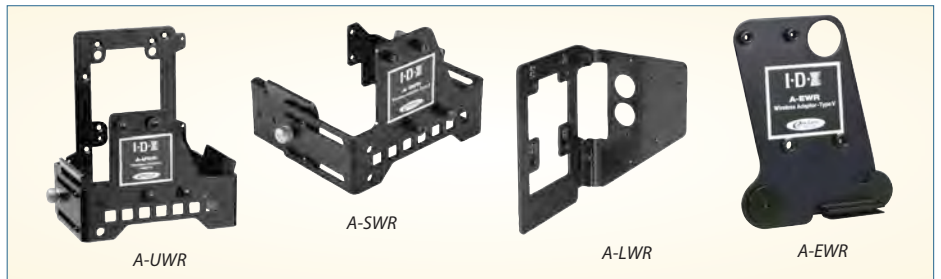
A-AB2E

A-E241 Front

A-E241 Back

## Wireless Receiver Mounting Brackets

IDX has different wireless receiver adapters which fit at the back of the camera for use with ENDURA batteries. They can enable side or rear fitting according to the users preference or camera style. Each bracket allows use even in PowerLink mode.



A-UWR

A-SWR

A-LWR

A-EWR

**A-EWR:** Fits directly on the back of an ENDURA PowerLink battery to mount a wireless microphone receiver. It has a one touch quick release action and its standard 4 receiver studs can be user removed if required to provide a flat mount surface. (Mfr# A-EWR • B&H# IDAEWR) ..... **109.95**

**A-SWR:** Rear-mount for a wireless receiver on Sony V-Mount cameras. Fully adjustable to accommodate ENDURA System PowerLinked batteries. (Mfr# A-SWR • B&H# IDASWR) ..... **94.95**

**A-LWR:** L-shaped mounting plate mounts a wireless receiver to the side of an ENDURA battery, allowing easy and quick battery attachment. The A-LWR mounts between the P-V2/P-VS2 and the camera. (Mfr# A-LWR • B&H# IDALWR) ..... **109.95**

**A-UWR:** Rear-mount for a wireless receiver on cameras using an IDX P-V2 or P-VS2 V-Mount plate. Fully adjustable to accommodate ENDURA system PowerLinked batteries. (Mfr# A-UWR • B&H# IDAUWR) ..... **109.95**

# ENDURA ACCESSORIES

## Battery Power Adapters

Robust and practical accessories providing the ability to power monitors, transmitters or even 7.2V cameras. Meaning only one set of batteries need to be carried to complete the production

### C-EB (XLR) Power Adapter

Small V-Mount power adapter with universal mounting bracket. Provides ENDURA system power to other field production equipment via 4-pin XLR power connector.

**C-EB (XLR)** (Mfr# C-EB (XLR) • B&H# IDCEBXLR) **139.95**

### SD-1E Power Adapter

The SD-1E is a small, lightweight V-Mount bracket which can be attached to a belt. It can support up to two ENDURA batteries and offers user-selected 7.2v or 12v output to the camera via 4-pin XLR connector.

**SD-1E** (Mfr# SD-1E • B&H# IDSD1E) .....**234.50**

### A-E2NP NP-Style Adapter:

The A-E2NP is a holder/adapter that allows you to charge IDX NP-style batteries (Li-ion/Nicad) on ENDURA V-Mount chargers

**A-E2NP** (Mfr# A-E2NP • B&H# IDAE2NP) .....**229.95**

### C-NP2E NP Charger Adapter:

The C-NP2E is a cable interface that allows ENDURA batteries to be charged on existing IDX Li-Ion NP-style chargers.

**C-NP2E** (Mfr# C-NP2E • B&H# IDCNP2E) .....**149.95**

### A-E2H1 V-Mount Adapter for Canon:

The A-E2H1 is a V-Mount adapter that allows you to use ENDURA batteries with the Canon XL-H1 and XL-2 (7.2v) cameras.

**A-E2H1** (Mfr# A-E2H1 • B&H# IDAE2H1) .....**223.95**

### A-E2P2: Adapter for Panasonic AJ-HPM110

This adapter allows ENDURA 14.8v Lithium Ion batteries to power the Panasonic AJ-HPM100 HD P2 Mobile Recorder. Provides a pigtail 4-pin XLR female connector to power the device.

**A-E2P2** (Mfr# A-E2P2 • B&H# IDAE2P2) .....**364.95**

### A-E2LCD V-Mount Adapter f/LCD Monitors

The A-E2LCD battery adapter is designed to mount on a LCD monitor with VESA 100 configuration. The adapter provides pigtail 4-pin XLR female connector to power the LCD.

**A-E2LCD** (Mfr# A-E2LCD • B&H# IDAE2LCD) .....**239.50**



## AC-100A 100W V-Mount Camera AC Adapter

The AC-100 is a dual purpose AC adapter - designed for direct mounting to a V-Mount camera or as a desk top adapter to power monitors etc. Fitting directly to the rear of the camera, it provides a 14.5v 4-pin XLR DC output. Silent running at low loads with temperature activated low noise fan at higher loads. Recessed power switch and supplied as standard with a 90°AC cord to prevent inadvertent cord detachment.

**AC-100** On-Camera AC Power Supply (Mfr# AC-100 • B&H# IDAC100) .....**349.95**



## AC Adapters

Portable, compact and strong, designed for reliability and long life. The PSU design is 'low ripple noise' to reduce signal interference and 'fall down' overload protection so that it will automatically shut down and recover if excessive load is drawn.



**IA-60a:** Single output 60W AC adapter, universal 100~240v AC input.

(Mfr# IA-60A • B&H# IDIA60A) .....**274.95**

**IA-200A:** Allows up to 100-watts from one channel, or any combination equaling 100W from the two XLR outputs (Mfr# IA-200A • B&H# IDIA200A) .....**499.95**

**IA-300A:** 210W total power available across three XLR connectors. Universal 100-240v AC input. (Mfr# IA-300A • B&H# IDIA300A) .....**686.95**

# NP STYLE BATTERIES

The highest capacity NP Style batteries available. Ideal for NP holder equipped cameras and audio recorders. For use with IDX chargers only.



## NP-L7: 71Wh NP-Style Lithium Ion Battery with Digi-View

The lightest and most powerful NP-style Li-ion battery available, the NP-L7 also offers a 5 LED Power Status Display, as well as the Digi-View feature and the most advanced protection and operating circuit in the industry. Can also be charged on ENDURA system V-Mount chargers using the A-E2NP charge adapter.

Capacity is 71Wh (14.8V/4.8Ah) and typical camera run-time is 2.25 hours (@30W)

**NP-L7** (Mfr# NP-L7 • B&H# IDNPL7) .....**294.95**

## NP-L7S:

### 71Wh NP-Style Lithium Ion Battery

The economical version of the NP-L7 battery with 3 LED Power Indicator, but no Digi-View feature. Can also be charged on ENDURA system V-Mount chargers using the A-E2NP charge adapter.

Capacity is 71Wh (14.8V/4.8Ah) and typical camera run-time is 2.25 hours (@30W)

**NP-L7S** (Mfr# NP-L7S • B&H# IDNPL7S) .....**174.95**

## NP-1dx: 32Wh NP-Style Nicad Battery

13.2V high quality nicad battery with built-in protection circuit (auto reset) and 3 LED Power Indicator.

Capacity is 32Wh (13.2V/2.4Ah) and typical camera run-time is 1.3hours (@26W)

**NP-1dx** (Mfr# NP-1DX • B&H# IDNP1DX) .....**99.95**

## NP-23dx:

### 28Wh NP-Style Nicad Battery

12V high quality nicad battery with built-in protection circuit (auto reset) and 3 LED Power Indicator.

Capacity is 28Wh (12.0V/2.4Ah) and typical camera run-time is 1.1hours (@26W)

**NP-23dx** (Mfr# NP-23DX • B&H# IDNP23D) .....**74.95**

## JL-2PLUS

### 2-Channel Sequential NP Quick Charger with 60W AC Adapter

Robust, compact and lightweight, the JL-2PLUS is a sequential 2-channel charger for IDX NP Li-ion and nicad batteries. It can also charge IDX ENDURA batteries using the optional C-NP2E charge adapter. Charges Li-ion and nicad batteries in any combination, plus offers a 60w DC 13.8v XLR power supply. Runs off of universal 100-240v AC power.

(Mfr# JL2PLUS • B&H# IDJL2PJ) .....**389.95**



## NP Style Holders

These durable and versatile NP holders are available in a range of configurations to suit individual users and camera needs. Dual or single, V-Mount or direct fit, D-Tap or XLR DC out. Dual NP holders are an ideal high power solution to utilize the weight advantage of Lithium Ion.

- NH-100:** Single NP-Style Holder (Mfr# Mfr# NH-100 • B&H# IDNH100) .....**76.95**
- NH-100V/AB:** Single NP Battery Holder with V-Mount (Mfr# NH-100V • B&H# IDNH100V) .....**156.95**
- NH-201:** Dual NP Battery Holder with Digi-View (Mfr# NH-201 • B&H# IDNH201) .....**264.95**
- NH-201V/AB:** Dual NP Battery Holder with V-Mount, supports Digi-View (Mfr# NH-201V • B&H# IDNH201V) .....**374.95**
- NH-202:** Dual NP Battery Holder with 2-Pin D-Tap DC output with Digi-View and Synchron (Mfr# NH-202 • B&H# IDNH202) .....**374.95**
- NH-204:** Dual NP Battery Holder with 4-pin XLR DC output with Digi-View and Synchron (Mfr# NH-204 • B&H# IDNH204) .....**299.95**

## 4-Channel Quick Chargers for Panasonic & Sony 7.2V Consumer Type Batteries

Lightweight, 4-channel, simultaneous quick charger for 7.2V Panasonic Li-ion batteries. Individual LCD battery charge status display for each battery. The back of the charger opens up to conveniently store the AC adapter.

- ◆ Input Voltage: AC100-240V 50/60Hz
- ◆ Dimensions: AC Adapter internally stored- 10.39(W)x3.27(H)x5.43(D) inches (AC Adapter externally used) 10.39(W)x2.83(H)x5.43(D) inches
- ◆ Weight: 1.32 lbs approx.



- LC-7P** Charger for Panasonic CGP-D28S, CGA-D54S Batteries (Mfr# LC-7P • B&H# IDLC7P) .....**363.95**
- LC-7S** Charger for Sony L and M Series NP-F970, NP-F770, NP-F570, NP-QM91D, NP-QM71D (or equivalent) Batteries (Mfr# LC-7S • B&H# IDLC7S) .....**339.95**

X3-LITE



X3-Lite

High Performance On-Camera LED Light

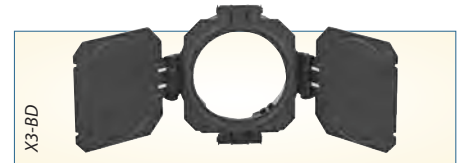
The X3-Lite LED lamp is a compact, lightweight light that offers the advantages of LEDs in an ENG camera light body. Long LED life, cool running, high luminance and no color change over the battery voltage variation. Utilizing high-powered LED technology, the X3 LEDs provide high output with minimum power consumption with no flicker or noise. Optional filter and barn-door accessories are available. The X3-PC optional XLR hot-shoe base is also available for use as a 4-pin XLR power connector instead of the D-Tap.

**X3-Lite LED On Camera Light - Dimmer, 35W Illumination (Mfr# X3-LITE • B&H# IDX3LITE) .....349.95**

**X3-BD** Barndoors with Filter Holder: The optional barndoors are easily attached and removed from the light using its quick release twist and lock system. The folding filter holders can be quickly folded into position and packed away. (Mfr# X3-BD • B&H# IDX3BD) .....**79.95**

**X3-P2** D-Tap Cable - for X3 Light to Sony Cameras (Mfr# X3-P2 • B&H# IDX3P2) .....**61.95**

**X3-PC** 4-pin XLR Power Cable - for X3-Lite, 3.5 ft (Mfr# X3-PC • B&H# IDX3PC) .....**59.95**



LITEPANELS

Ringlite - Mini

Measuring 10.5" in diameter, just 2" thick, and weighing 3.5 lbs., the Ringlite-Mini provides a luxurious level of luminous, soft directional output in a cost effective, versatile package. This ultra-low profile, lightweight professional lighting tool is equally at home on or off camera, mounted on a stand, the wall, or elsewhere. The Ringlite-Mini employs powerful LEDs laid out in a tightly plotted grid. On the back of the unit, four easy-to-reach toggle switches regulate power and circuit control. Circuits are divided into three selectable segments (bottom, middle, top). An ergonomic integrated control knob allows for instant dimming from 100%-0 with minimal shift in color. There are also options for remote dimming and DMX control capability. Completely flicker and heat-free, the system can be moved in comfortably close to a subject, for unmatched soft, wrap-around light. A set of 6 interchangeable correction/diffusion filters is included.



◆ Ringlite-Mini is an ultra-efficient LED light source that draws 40 watts/3.5 amps @ 12VDC. Power is provided by an external 100-240v AC adapter and includes a 10-ft. DC input extension cable. Equipped with an XLR power connector cable, the unit can be also be run from alternate 10-30v DC battery sources.

◆ Offers 3 easy ways to interface with most popular film and video cameras. The adjustable Base Plate Mounting Bracket attaches the Ringlite-Mini to the bottom of the camera. This bracket works best and is most commonly utilized for Mini-DV cameras.

**Ringlite Mini 5600°K Spot LED System:** Includes Ringlite Mini Fixture, AC Adapter, 6-ft. Power Cord, 10-ft. Power Extension Cable, 4-pin XLR Cable, Adjustable Base Plate Mounting Bracket, Nuts and Bolts Hardware, Wrench, Filter Diffusion Packet and Carry Case (Mfr# RLM-K • B&H# LIRLMK) ..... **2627.95**

### MICRO LED

Since the dawn of filmmaking, Hollywood cinematographers have understood the importance of a good eyelight—one that literally gives life to the face. Now in the era of HD resolution, is even more important to fill in shadows on the face and bring the subject's eyes to life. Litepanels' lightweight, yet powerful new camera light was created in response to the overwhelming popularity of the company's MiniPlus model, Litepanels' groundbreaking professional production softlight.



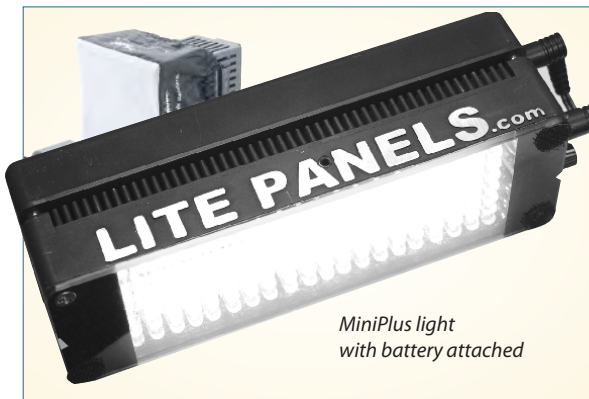
Micro LED on camcorder

The Micro harnesses the company's extremely efficient LED technology in an ultra-lightweight, extremely compact package. Users of DV camcorders can now enjoy a similar quality of luminous, soft, directional lighting, with the same warmth and great color quality that has quickly made Litepanels an integral part of television, broadcast news and motion picture productions worldwide

- Heat-free LED technology
- Produces bright, soft light
- Integrated dial for instant 100%|to 0 dimming
- Minimal color shift when dimming
- All-in-one Camera Light w/no ..... external cables
- Absolutely flicker-free 5600°K
- Runs 1.5 hours on four AA batteries
- Uses standard or rechargeable batteries



**Micro LED** on Camera Light • LED Technology • Dimmable • Daylight Balanced 5600K • Uses AA Batteries (Mfr# LPMICRO • B&H# LILPMICRO) ..... **299.95**



MiniPlus light  
with battery attached

### MiniPlus

The compact Litepanels Mini fits easily on a camera, a stand, or elsewhere. Fully flicker-free, the Mini offers output (25 watts of illumination) that is three times more efficient than a conventional tungsten camera light! Plus it's heat-free, and infinitely dimmable from 0 to 100%, with virtually no shift in color.

Litepanels Mini comes in single or dual kits, packaged with virtually everything you will need. Litepanels Mini System is available in 3200°K Flood, 5600°K Flood or 5600°K Spot version.

The Mini Flood provides a 50°spread. The Spot yields a 20° footprint.

#### Advantages

- Heat-free LED technology
- Produces bright soft light
- Integrated dimmer 100% to 0
- 100,000 hour rated bulb life
- Minimal color shift when dimming
- Absolutely flicker-free 5600°K or 3200°K
- Snap-on 2+ hour rechargeable battery pack
- DC—Run from battery, camera or car (9-30V)
- AC—Run from adapter (100-240V)
- Handsome rectangular design
- Integrated heatsink
- Integral gel frame fits neatly on face of units

#### Specifications

- Size: 6.83 x 2.30 x 1.18" (WxHxD)
- Weight: 9.6 oz
- Power Draw: 0.7 amps at 12V DC (9 watts)
- Power Supply: 9-30v DC, AC Adapter 100-240V

## MINIPLUS KITS



**Two Lite Package Model # DLPK**

- (2) Litepanel - Available in the following versions: Daylight/5600K - 50 degree (flood), 20 degree (spot) Tungsten/3200K - 50 degree (flood)
- (2) 12V DC Rechargeable Battery 2hr. run time @ 100% - 1.5hr. re-charge
- (2) 100-240V AC Power Adapter w/plug set

**Two Light Flood Tungsten On Camera Light Kit** with Power Tap - Dimmer, Tungsten Balanced, 25 Watt Illumination, 7 Watt Draw, Gels, Mounts, Power Cords, AC Adapter with Universal Plugs

(Mfr # DLPK5050TP • B&H # LIDLPK5050TP) .....**2174.95**

**Two Light Spot Tungsten On Camera Light Kit** with 4-Pin XLR - Dimmer, Tungsten Balanced, 25 Watt Illumination, 7 Watt Draw, Gels, Mounts, Power Cords, AC Adapter with Universal Plugs Kit with 4-Pin XLR

(Mfr # DLPK2050TX • B&H # LIDLPK2050TX) .....**2185.95**

**Two Light Flood Tungsten On Camera Light Kit** with 4-Pin XLR - Dimmer, Tungsten Balanced, 25 Watt Illumination, 7 Watt Draw, Gels, Mounts, Power Cords, AC Adapter with Universal Plugs

(Mfr # DLPK5050TX • B&H # LIDLPK5050TX) .....**2185.95**

**Two Light Spot Tungsten On Camera Light Kit** with Power Tap - Dimmer, Tungsten Balanced, 25 Watt Illumination, 7 Watt Draw, Gels, Mounts, Power Cords, AC Adapter with Universal Plugs

(Mfr # DLPK2050TP • B&H # LIDLPK2050TP) .....**2185.95**

**Two Light Combo LED On Camera Light Kit with 4-Pin XLR** - Dimmer, Daylight Balanced, 25 Watt Illumination, 7 Watt Draw, Gels, Mounts, Power Cords, AC Adapter with Universal Plugs, Batteries

(Mfr # DLPK5020XLR • B&H # LILP2LCPXLR) .....**2185.95**

- Required to recharge battery or directly supply power to your Litepanel*
- (2) 12V DC 2" Jumper (Required for lamp-battery connection)
  - (2) 12V DC 2 ft Jumper
  - (2) 12V DC 10 ft Jumper
  - (2) 12V DC 10 ft Extension
  - (2) 12V DC 10 ft Cigarette Adapter
  - (1) 12V DC Twin Socket Splitter
  - (1) D-Tap or XLR Power Cable
  - (2) Litepanels Mini Deluxe Base Plate
  - (2) ¼-20 Pin Adapter (2) 16 pcs. Filter Set 4ea. - White diffusion, 3200K/5600K + green correction filters
- (3200K filters for conversion from daylight to tungsten)  
(5600K filters for conversion from tungsten to daylight)*
- (1) Carrying Case

**Two Light Flood LED On Camera Light Kit with 4-Pin XLR** - Dimmer, Daylight Balanced, 25 Watt Illumination, 7 Watt Draw, Gels, Mounts, Power Cords, AC Adapter with Universal Plugs

(Mfr # DLPK50XLR • B&H # LILP2LFPXLR) .....**2185.95**

**Two Light Combo LED On Camera Light Kit with Power Tap** - Dimmer, Daylight Balanced, 25 Watt Illumination, 7 Watt Draw, Batteries, Gels, Mounts, Power Cords, AC Adapter with Universal Plugs

(Mfr # DLPK5020PT • B&H # LILP2LCPPT) .....**2189.95**

**Two Light Flood LED On Camera Light Kit with Power Tap** - Dimmer, Daylight Balanced, 25 Watt Illumination, 7 Watt Draw, Gels, Mounts, Power Cords, AC Adapter with Universal Plugs

(Mfr # DLPK50PT • B&H # LILP2LFPPT) .....**2149.95**

**Two Light Spot LED On Camera Light Kit with Power Tap** - Dimmer, Daylight Balanced, 25 Watt Illumination, 7 Watt Draw, Gels, Mounts, Power Cords, AC Adapter with Universal Plugs

(Mfr # DLPK20PT • B&H # LILP2LSPT) .....**2099.95**

**Two Light Spot LED On Camera Light Kit with 4-Pin XLR** - Dimmer, Daylight Balanced, 25 Watt Illumination, 7 Watt Draw, Gels, Mounts, Power Cords, AC Adapter with Universal Plugs

(Mfr # DLPK20XLR • B&H # LILP2LSPXLR) .....**2185.95**



**DV One Lite Package Model # DVLPK**

- (1) Litepanel - Available in: Daylight/5600K - 50 degree (flood), 20 degree (spot), Tungsten/3200K - 50 degree (flood)
- (1) DV Adapter Plate Available in Canon, Panasonic, or Sony
- (1) 100-240VDC AC Power Adapter w/Plug Set Directly supply power to your Litepanel
- (1) Mini Articulating Arm w/Conversion Kit
- (1) Hot-Shoe Adapter
- (1) 8 pc. Filter Set 4ea. - White diffusion + 3200K or 5600K correction filters
- (1) Carrying Case

**Single Litepanel Kits w/Canon DV Adapter**

**DV Flood Kit LED - On Camera Light,** Dimmer, Daylight Balanced, 25W Illumination, 7W Draw, Gels, Mounts, Case  
(Mfr # DVLPK50C • B&H # LIDVLPKFC) .....**949.95**

**Same Kit as above with Single Litepanel DV Spot Kit LED - Daylight balanced**  
(Mfr # DVLPK20C • B&H # LIDVLPKSC) .....**946.95**

**Same Kit as above with Single Tungsten DV Flood Kit LED**  
(Mfr # DVLPK50TC • B&H # LIDVLPKTF) .....**946.95**

**Single Litepanel Kits w/Sony DV Adapter**

**DV Flood Kit LED - On Camera Light,** Dimmer, Daylight Balanced, 25W Illumination, 7W Draw, Gels, Mounts, Case  
(Mfr # DVLPK50S • B&H # LIDVLPKFS) .....**949.95**

**Same Kit as above with Single Litepanel DV Spot Kit LED - Daylight balanced**  
(Mfr # DVLPK20S • B&H # LIDVLPKSS) .....**946.95**

**Single Litepanel Kits w/Panasonic DV Adapt.**

**DV Flood Kit LED - On Camera Light,** Dimmer, Daylight Balanced, 25W Illumination, 7W Draw, Gels, Mounts, Case  
(Mfr # DVLPK50P • B&H # LIDVLPKFP) .....**946.95**

**DV Spot Kit LED - On Camera Light Kit as above but with Spot Lightpanel**  
(Mfr # DVLPK20P • B&H # LIDVLPKSP) .....**946.95**

# KAMIO

## Ring Lights

*Kamio Ring Lights provide a glamour lighting solution for close ups in film and video photography. The soft, cool Kamio light falls gracefully on the subject's face because it mounts on the lens, unlike conventional on-camera quartz lights that produce heat and shadows. Kamios also display daylight and tungsten quality light without filtration.*



### Kamio 6 and Kamio 6E Systems



**Kamio 6** Fluorescent Ring Light System - consists of: Ringlight, 2 Stage Filter Tray, Cable, Mounts, On Camera Ballast - 20 Watts  
(Mfr# SYS-KAM6 • B&H# KIK6S) ..... **Call**

**Kamio 6E** Fluorescent Ring Light System - consists of: 6E Ringlight, Cable, Mounts, 12V On-Camera Ballast - NO Tubes - ENG (12V DC)  
(Mfr# SYS-KAM6E • B&H# KIK6ESQ) ..... **709.95**

**Kamio 6 Kit, (On-Camera/2-Stage) with Travel case**

Consists of: Kamio 6 Ring-Lite w/ 2-Stage Matte Box, Kamio 12VDC On-Camera Ballast, Ballast Mount, Baby Pin Shoe Mount, 3.4 Amp Universal VAC Power Supply, 4 Gel Frames, Gel Frame Template, 15ft Extension, Top Barndoor, 2 Side Barndoor, Travel Case  
(Mfr# KIT-KAM6 • B&H# KIK6K) ..... **Call**

**Kamio 6E Kit, (On-Camera/2-Stage) with Soft case**

Consists of: Kamio 6E Ring-Lite w/ 2-Stage Matte Box, Kamio 12VDC On-Camera Ballast, Ballast Mount, Baby Pin Shoe Mount, 3.4 Amp Universal VAC Power Supply, 4 Gel Frames, Gel Frame Template, 15ft Extension, Top Barndoor, 2 Side Barndoor, Travel Case  
(Mfr# KIT-KAM6E • B&H# KIK6BK) ..... **Call**

**Kamio 6E Kit, (On-Camera/ENG) with Travel case**

Consists of: Kamio 6E Ring-Lite, Kamio 12VDC On-Camera Ballast, Ballast Mount, Baby Pin Shoe Mount and Travel Case  
(Mfr# KIT-KAM6E • B&H# KIK6ES) ..... **Call**

**Kamio 6E Kit, (On-Camera/ENG) with Soft case**

Consists of: Kamio 6E Ring-Lite, Kamio 12VDC On-Camera Ballast, Ballast Mount, Baby Pin Shoe Mount and Soft Case  
(Mfr# KIT-KAM6E-B • B&H# KIK6BK) ..... **889.95**



*Kamio 6E Kit, (On-Camera/ENG) with Travel case*



## 12V Single Portable Dimming System

*The 12V Single puts a compact, controllable, portable dimming system in the palm of your hand. This small cool light location unit takes center stage when it comes to lighting cramped interiors such as a bus, car, elevator or any place on a set that can't be reached via an external light source. Like all Kino Flos, it is a low energy, low profile and low maintenance workhorse for film and video lighting professionals.*

**12V Single Features Include**

- 12V Dimming Ballast
- Flicker-free, instant-on
- Runs lamps 15" to 4ft
- Removable Lamp Harness
- Focusing Louver
- True Match® daylight and tungsten lamps

# KINO FLO

## MINI-FLO

### 12v Single System



#### KIT-140X 12V Single Kit, 12VDC

Consists of:

- 2 12v Single Ballast XLR
- 2 15" 12v Single Fixture
- 2 Extension, 25 ft.
- 1 Car Adapter XLR
- 1 Alligator Clip Adapter XLR
- 1 Splitter XLR
- 1 Travel Case

(Mfr# KIT-140X • B&H# KI12SSKQ) .....1,147.95

The Mini-Flo System, sometimes called a "car kit," can be found most often lighting nighttime car interiors and other small areas. However, over the years, the Mini-Flo's unique lightweight and color control features have endeared it to video and broadcast lighting designers as a cool, efficient chin light for speakers at a podium or news anchors in a TV studio. The new breed of Mini-Flo is available with single or two-light dimming ballasts, plus a choice of 9" or 12" fixture and lamp sizes.



#### Mini-Flo Features Include

- ◆ 12v Dimming Ballast
- ◆ Flicker-free, instant-on
- ◆ Runs lamps 9" and 12"
- ◆ Removable Lamp Harness
- ◆ Focusing Louver
- ◆ True Match daylight and tungsten lamps



with Double Ballast BAL-239X



with Single Ballast BAL-139X

#### 1x BAL-239X Kits

#### KIT-239X/12 Mini-Flo Kit 12" System

(Mfr# KIT-239X/12 • B&H# KIMFSK12) .....Call

#### KIT-239X/09 Mini-Flo Kit 9" System

(Mfr# KIT-239X/09 • B&H# KIMFSK9) .....Call

Each Kit Consists of:

- |  |                              |
|--|------------------------------|
| 1 Mini-Flo Double Ballast 12VDC & Built-In Universal VAC | 2 Mount                      |
| 2 12" or 9" Fixture                                      | 1 Flex Arm, 6ft              |
| 2 Extension, 12ft  | 1 Alligator Clip Adapter XLR |
| 1 Power Cable XLR  | 1 Car Adapter XLR            |
|  | 1 Splitter XLR               |
|  | 1 Travel Case                |

### Mini-Flo Systems



#### 2x BAL-139X Kits

#### KIT-139X/12 Mini-Flo Kit 12" System

(Mfr# KIT-139X/12 • B&H# KIMF12SKQ) .....Call

#### KIT-139X/09 Mini-Flo Kit 9" System

(Mfr# KIT-139X/09 • B&H# KIMF9SK) .....Call

Each Kit Consists of:

- |   |                              |
|---|------------------------------|
| 2 12VDC Mini-Flo Ballast 2 3.4 Amp Universal Power Supply | 1 Flex Arm, 6ft              |
| 2 12" or 9" Fixture                                       | 1 Alligator Clip Adapter XLR |
| 2 Extension, 12ft   | 1 Car Adapter XLR            |
| 2 Mount   | 1 Splitter XLR               |
|   | 1 Travel Case                |

# LOWEL

## V-LIGHT

### 500 Watt Tungsten Flood Light

Powerful enough to light a small room yet small enough to fit in a large pocket, the versatile V-light can be used as a broad, key, fill (with umbrella or diffusion gel), back-light, or background light. The perfect partner for the Pro-light.

- ◆ Extreme wide angle, smooth, multi-use, tungsten halogen source.
- ◆ 500 watts at 120v, 220v and 240v.
- ◆ Door angle provides vertical beam control
- ◆ Light controls include umbrella, gel-frame, gels, flags, etc.
- ◆ 280°, adjustable, constant-tension, one-handed, tilting.
- ◆ Protective glass tube surrounds low-pressure lamp (must always be used).
- ◆ Closes compactly for storage and travel.



BULB FOR V-LIGHT						
Bulb	Volts	Watts	Kelvin	Avg. Life	SKU	Price
GDA	120	500	3150°K	100 hrs.	GBGDA	<b>18.95</b>

**V-Light** (Mfr # V1-10; B&H # LOVL)  
120-240V AC, without bulb ..... **123.50**

**V-Light** (Mfr # V1-101; B&H # LOVLL)  
120-240V AC, with 500W bulb ..... **137.50**

**V-Light** (Mfr # # V1-10CE; B&H # LOVLX)  
230V, without bulb ..... **128.95**

**V-Light** (Mfr # V1-102; B&H # LOVLK)  
120-240v AC with Umbrella, Light Stand, and 500W bulb ..... **213.95**

## i-LIGHT • id-LIGHT

### 12/14v 55 or 100-watt DC Focusing Lights



The tiny, battery-powered i-Light and id-Light provide essential fill light, eye-light, high-lights, and contrast control in news and documentary shooting, without overwhelming available light. Ideal for on-camera use, their 6:1 focusing range lets you easily change lamp position from flood to spot or anywhere in between. Or, substitute the prismatic glass with the optional clear glass and they become non-focusing, high intensity spot-lights. An optional super spot reflector for extremely long throws is also available.

The i-Light and id-Light are identical in every respect except one—the id-Light has a built-in 20 kHz dimmer to provide graceful, flicker-free dimming. They both include a 4' power cord and a host of connectors to attach to a camera shoe, 1/4-20 thread tap, or any mounting accessory that has a 5/8" male stud. They also accept a wide variety of accessories, including barndoors, diffusion glass, dichroic filters and scrims.

**i-Light with "Cigarette Lighter" Connector** (Mfr # I-01; B&H # LOI01)  
Includes 55w lamp and spare 100w lamp, 4' cable with cigarette lighter connector, #2 high intensity Reflector and Prismatic Glass, Low-link (ViP-37), Cam-link (ViP-41), iP Focus-knob Extension (iP-35) and ViP Stand-Link (ViP-39)..... **146.95**

**id-Light with "Cigarette Lighter" Connector** (Mfr # ID-01; B&H # LOID01)  
Includes 55w lamp and spare 100w lamp, 4' cable with cigarette lighter connector, #2 high intensity Reflector and Prismatic Glass, Low-link (ViP-37), Cam-link (ViP-41), iP Focus-knob Extension (iP-35) and ViP Stand-Link (ViP-39)..... **229.95**

**i-light with 4-pin XLR Connector** (Mfr # I-02; B&H # LOI02)  
Same as the i-01, but with a 4-pin XLR connector ..... **134.95**

**i-light with 4-pin XLR Connector** (Mfr # ID-02; B&H # LOID02)  
Same as the id-01, but with a 4-pin XLR connector ..... **229.95**

**i-light with Anton Bauer Tap** (Mfr # # I-045; B&H # LOI045)  
Same as the i-01, but with an Anton Bauer tap ..... **134.95**

**i-light with Anton Bauer Tap** (Mfr # # ID-045; B&H # LOID045)  
Same as the i-d-01, but with an Anton Bauer tap ..... **229.95**

PRO-LIGHT

12v/30v/120v, 50-250w AC/DC Focusing Light



Almost identical in appearance to the i-Light, the versatile Pro-Light adds 30v DC and 120v AC capability. Small and focusable, the Pro-Light is more efficient than a mini-fresnel of equal wattage, yet it gives an exquisite even light, with fresnel like shadow quality, evenly dispersed flood, and a uniform spot with significant barndoor cut. It's compact size makes it the perfect low-level key or accent light, fill light (with diffusion), or back-light for interviews and other small shooting areas. To use as an on-camera light, you simply add a DC adapter cable and swap the bulb. The combination of the focusable 250w Pro-light and the 500w V-light, with its ability to broadly cover a wide area evenly, creates the foundation of a lighting system that easily can handle most contemporary run & gun shooting duties.

- ◆ Multi-use halogen, focusing/tilting controlled with one hand.
- ◆ Optional cigarette, 4-pin and 5-pin XLR DC power connectors
- ◆ 5:1 focus range with GCA lamp.
- ◆ 160°, adjustable, constant-tension, one-handed, no-yoke tilting.
- ◆ Accepts 12v (up to 100 watts) 30v (up to 200 watts) and 120v (up to 250 watts) lamps. The 12 and 30v lamps require an optional cable adapter.
- ◆ Stand fitting can swap for accessory handle
- ◆ Stand fitting & locking knob for 5/8" stand to

BULBS FOR PRO-LIGHT						
Bulb	Volts	Watts	Kelvin	Avg. Life	SKU	Price
GCA	120	250	3200°K	100 hrs.	GBGCA	18.95
FSH	120	125	3200°K	100 hrs.	GBFSH	17.95
GCB	30	200	3200°K	100 hrs.	GBGCB	19.95
GCC	12	100	3200°K	100 hrs.	GBGCC	19.95
JC Lamp	12/14	50	3200°K	100 hrs.	GBJC14.5	19.95

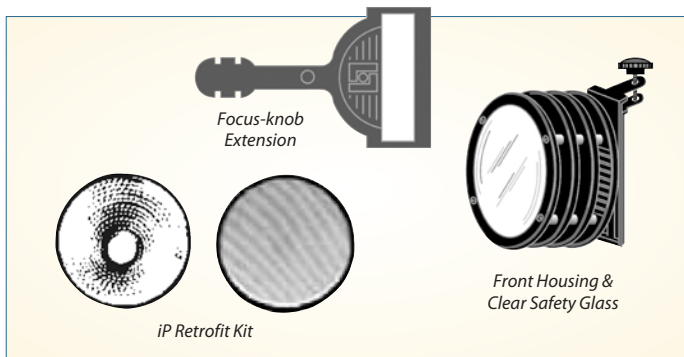
**Pro-Light** (Mfr # P2-10; B&H # LOPLQ)  
With 4' cable, 12' extension cable, 3-wire grounded AC plug (less lamp).....109.95

**Pro-Light** (Mfr # P2-101; B&H # LOPLL)  
Same as above, but with a 120v 250-watt GCA lamp.....119.95

The i-Light, id-Light and Pro-Light are all fitted with Lowel's high-intensity #2 Reflector and Prismatic Glass. The result is a more evenly dispersed flood, and a more uniform spot with significantly improved barndoor cut. Replace the Prismatic Glass with the Clear Safety Glass accessory and you have a high-intensity non-focusing super spot for situations requiring long throws.

PRO & i UPGRADES & FRONT HOUSING

**iP Retrofit Kit** (Mfr # IP-14; B&H # LORKPL): High intensity #2 Reflector (iP-17) and Prismatic Glass (iP-52). Use to upgrade earlier Pro & i-lights .....14.50



**Clear Safety Glass** (Mfr # IP-49; B&H # LOIP49): When used with #2 Reflector, becomes a non-focusing high intensity spot .....9.95

**Front Housing & Clear Safety Glass** (Mfr # IP2-19; B&H # LOR2FHCG): #2 Reflector, with front housing & clear safety glass. For non-focusing spot only .....56.95

**Pro-light Front Housing** (Mfr # IP2-18; B&H # LOPLFH): Upgraded front housing with installed #2 reflector & Prismatic Glass, supplied with upgraded (4/2003) Pro-light .....54.95

**Pro & i Focus-knob Extension** (Mfr # IP-35; B&H # LOFKEPL): This handle snaps onto the focus knob on Pro and i-lights for left-hand focusing in on-camera news work .....8.50

**Stand-link** (Mfr # VIP-39; B&H # LOSLLL): Rugged metal Stand-link mounts on 5/8" and smaller studs. Supplied with all ViP lights.....9.95

### ViP (V-LIGHT, i-LIGHT, PRO-LIGHT ACCESSORIES)

#### ViP Light Controls

**Flag-link** (Mfr # VIP-50; B&H # LOFLVL): Attaches to ViP lights. Accepts one Flexi-shaft .....**8.50**

**Tota-tatch** (Mfr # T1-34; B&H # LOTTQ)  
Attaches to stands, shelves, tripods, etc.  
Accepts one Flexi-shaft .....**14.95**

**Flexi-shaft** (Mfr # T1-50; B&H # LOFS)  
Flexible arm snaps onto Flag-link, Tota-tatch, or Tota-clamp and positions a Tota-flag or Tota-flector. (Package of 2) .....**23.50**

**Tota-flag** (Mfr # T1-52; B&H # LOTFQ): 8 x 12" black aluminum panel attaches to a Flexi-shaft for shadowing subject, background or lens...**19.95**

**Silver Tota-brella** (Mfr # T1-25; B&H # LOTBS)  
Locks directly into all ViP lights to convert to small softlights. Recommended primarily for the V-light. 27" open, 19" closed .....**29.95**

**White Tota-brella** (Mfr # T1-26; B&H # LOTBW)  
Same as above with extremely soft, white reflective surface.....**24.95**

**Tota-frame** (Mfr # T1-20; B&H # LOTF)  
Locks directly into V-light, pans and tilts with the light. Folded dimensions are 12 x 1 x 1". It holds 10 x 12" gels. Also fits Pro & i lights ..**29.50**

**Day Blue Tota Gels** (Mfr # T1-70; B&H # LOFSD8TL)  
Package of five 10 x 12" sheets .....**11.95**

**ND3 Tota Gels** (Mfr # T1-71; B&H # LOFSD3TL)  
Package of five 10 x 12" sheets .....**11.95**

**Frost Tota Gels** (Mfr # T1-72; B&H # LOFSTL)  
Package of five 10 x 12" sheets .....**11.95**

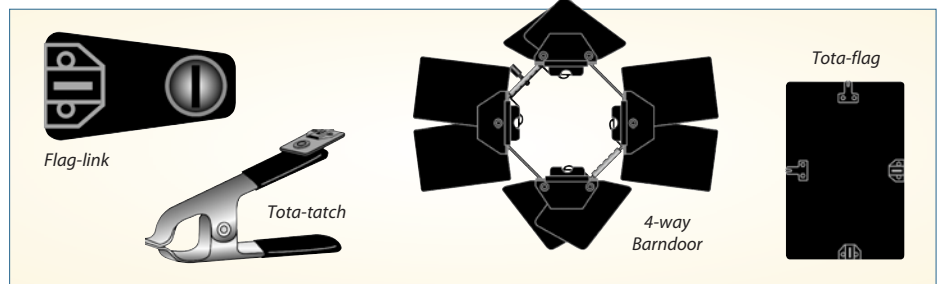
**Assorted Tota Gels** (Mfr # T1-78; B&H # LOFSATL)  
Package of five 10 x 12" sheets. Contains three Day Blue; one ND 3 and one Frost.....**12.95**

**Tota/Omni Gel File** (Mfr # GF-10; B&H # LOGFT)  
Stores 10 x 12" gels for the Tota/Omni Gel frame .....**16.50**

#### Pro & i-Light Light Controls

**4-way Barndoor** (iP-20): Barndoor frame with two expandable rectangular leaves, two expandable triangular leaves. Rotates 360°. Accepts swing-in accessories.....**CALL**

**2-way Barndoor** (Mfr # iP-25; B&H # LOBD2PL)  
Barndoor frame with two removable non-expandable Clip-on Leaves (iP-24). Frame accepts swing-in accessories and additional leaves. Rotates 360° .....**18.95**



**Barndoor Frame** (Mfr # iP-21; B&H # LOBDFPL):  
Barndoor frame only, accepts swing-in accessories, and/or leaves. Rotates 360° ..**10.95**

**Expandable Rectangular Leaf** (Mfr # iP-22; B&H # LOLREPL): Changes from small to large rectangle as needed, and can be attached to, or removed from barndoor frame .....**9.95**

**Expandable Triangular Leaf** (Mfr # iP-23; B&H # LOLTEPL): Changes from triangular to square shape as needed and can be attached to, or removed from, barndoor frame .....**9.95**

**Non-expandable Clip-on Leaf** (Mfr # iP-24; B&H # LONEPL): Rectangular leaf easily clips on to Barndoor Frame .....**8.50**

**Gel-Jawz** (Mfr # CL-15; B&H # LOGJ): Package of eight clips. Attaches to barndoor leaves to hold gels.....**13.50**

**Swing-in Accessory Holder** (iP-30): Up to three holders attach to the Pro and i-light Barndoor Frame, for use one-at-a-time .....**CALL**

**Diffused Glass** (Mfr # iP-50; B&H # LODGFL)  
Softens light, creates gentler, more flattering, but less dramatic, highlights and shadows. 40% light loss in flood. Fits iP-30 holder...**12.49**

**Diffused Glass with Holder** (Mfr # iP-50H; B&H # LODGHPL): Same as above, with iP-30 holder .....**21.95**

**Dichroic Filter** (Mfr # iP-51; B&H # LODFPL):  
Converts 3200°K light to average daylight. Light loss approx. 50%. Fits iP-30 holder..**34.95**

**Dichroic Filter with Holder** (Mfr # iP-51H; B&H # LODFHPL): Same as above, with iP-30 holder .....**46.95**

**Full Scrim** (Mfr # iP-54; B&H # LOSFPL): Stainless-steel screen reduces light by approx. one stop. Unlike the Diffused Glass (or Frost Gel on Tota-frame) it will not diffuse or soften highlights and shadows. Fits iP-30 holder.....**4.95**

**Full Scrim w/Holder** (Mfr # iP-54H; B&H # LOSFHPL)  
Same as above, with iP-30 holder .....**12.95**

**Half Scrim** (Mfr # iP-55; B&H # LOSHPL)  
Stainless-steel screen covers half of the light and rotates 360° to reduce the light on any part of the subject or foreground that is too bright. Fits iP-30 holder .....**4.95**

**Half Scrim w/Holder** (Mfr # iP-55H; B&H # LOSHPL)  
Same as above, with iP-30 holder .....**12.95**

**Graduated Scrim** (Mfr # iP-56; B&H # LOSGPL)  
Stainless-steel screen sections reduce light more subtly and more completely than the Half Scrim. Rotates 360°. Useful to control subjects that become too bright as they approach a light, and fall-off on walls and subjects. Fits iP-30 holder .....**8.50**

**Graduated Scrim with Holder** (Mfr # iP-56H; B&H # LOSGHPL)  
Same as above, with iP-30 holder .....**14.95**

**iP Prismatic Glass** (Mfr # iP-52; B&H # LOPDGPL)  
Use in Swing-in holder with Clear Glass in front housing for quick change from super spot to focusable. Fits iP-30 holder .....**9.50**

**iP Prismatic Glass with Holder** (Mfr # iP-52H; B&H # LOIP52H)  
Same as above, with iP-30 holder.....**19.95**

**Gel Frame** (Mfr # iP-40; B&H # LOFHPL): Holds 5 x 6" gels. Collapses for storage like Tota-frame.**19.95**

**Day Blue Pro & i Gels** (Mfr # iP-70; B&H # LOIP70)  
Package of five 5 x 6" sheets .....**5.50**

**ND3 Pro & i Gels** (Mfr # iP-71; B&H # LOIP-71)  
Package of five 5 x 6" sheets.....**7.50**

**Frost Pro & i Gels** (Mfr # iP-72; B&H # LOIP72)  
Package of five 5 x 6" sheets.....**5.50**

**Assorted Pro & i Gels** (Mfr # iP-78; B&H # LOIP78)  
Package of five 5 x 6" sheets. Contains three Day Blue; one ND 3 and one Frost.....**6.95**

**Snoot** (Mfr # iP-53; B&H # LOSPL)  
Fits directly on the light. Produces a reduced, soft-edged circle of light. A Barndoor Frame fits on the front, if needed .....**46.50**

# ViP (V-LIGHT, i-LIGHT, PRO-LIGHT ACCESSORIES

## Pro & i-Light Camera Mounts

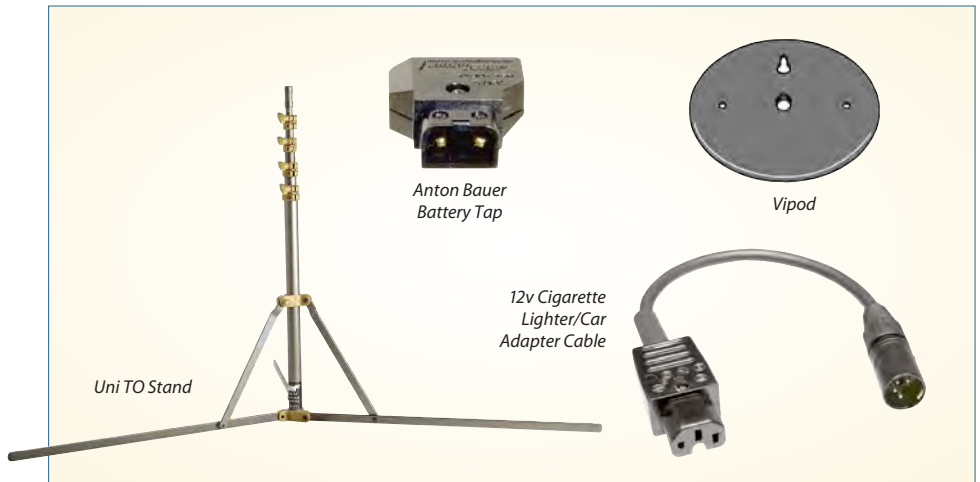
- L-link** (Mfr # ViP-36; B&H # LOLLVL)  
Supplied with V-light. It can also be used with the Pro and i-lights and the Cam-link or Vipod to extend or re-position a light .....**9.50**
- Low-link** (Mfr # ViP-37; B&H # LOLLILQ): Enables the Pro and i-lights to be camera mounted with a Cam-link or a 1/4-20 screw .....**8.50**
- Stud-link** (Mfr # ViP-38; B&H # LOSLIL)  
5/8" stud with 1/4-20 screw, supplied with the Vipod. Can be used with Cam-link or directly on some video cameras .....**8.50**
- Cam-link** (Mfr # ViP-41; B&H # LOCLIL): Locks onto video cameras that have a female shoe. It accepts a Low-link, L-link, or Stud-link .....**9.95**
- Cam-link and Stud-link**  
(Mfr # ViP-41S; B&H # LOCLSLIL) .....**14.50**
- Cam-link & Low-link** (Mfr # ViP-41L; B&H # LOCLLL)  
For shoe mounting a Pro- or i-light camera to a video camera .....**12.95**

## ViP Mounts

- Uni-stand** (Mfr # UN-33; B&H # LOLSU)  
All aluminum stand, wide base, legs can lie flat to floor, large locking knobs. Extends to 7' 11", folds to 21.5". Weighs 2.4 lbs .....**64.95**
- Uni TO Stand** (Mfr # UN-55; B&H # LOLSUTS)  
New stand, based on the design combination of a Uni-stand & Omni-stand. It is more stable than a Uni-stand, and more compact than the Omni Stand. Extends to 7' 11", folds to 21.5". Weighs 2.6 lbs .....**54.50**
- Vipod with Stud-link** (Mfr # ViP-35S; B&H # LOVSLIL)  
Supports ViP lights on the floor or other flat surfaces. It can be screwed, Gaffer-taped or clamped to vertical surfaces. Combines with other ViP mounts for special uses. Stud-link is removable .....**17.50**
- Vipod only** (Mfr # ViP-35; B&H # LOVIL) .....**12.95**
- Handle & Low-link** (Mfr # ViP-42; B&H # LOHLLIL)  
For hand-holding ViP lights .....**25.95**
- Handle & Stud-link**  
(Mfr # ViP-43; B&H # LOHSLIL) .....**26.50**
- Tota-clamp** (Mfr # T1-30; B&H # LOTC)  
Clamps onto pipes, shelves, etc. up to 1 1/8" thick. 5/8" stud locks in two positions and accepts a light. Also accepts two Flexi-shafts with flags or flectors .....**23.50**

- Tota-mount** (Mfr # T1-32; B&H # LOTM)  
Supports ViP lights on top of doors (open or semi-closed), on windows and some walls, when attached carefully with Gaffer-tape.....**28.50**
- Gaffer-tape** (Mfr # GT-12; B&H # LOGT12)  
The highest quality, cloth-backed adhesive tape attaches Lowel mounts to windows and walls. 2" wide, 12-yard roll .....**9.95**
- Gaffer-tape** (Mfr # GT-30; B&H # LOGT30)  
2" wide, 30-yard roll .....**19.95**
- Scissor-mount** (Mfr # CM-20; B&H # LOSMLL)  
Attaches small lights and accessories to grid of dropped-ceilings in offices and other areas. (Set of 2). Use Gridlock (CM-21) with Pro-light. Weighs 9 oz.....**19.95**

- Gridlock** (Mfr # CM-21; B&H # LOGLIL)  
Attaches Pro-light right side up to the T-bar of dropped ceiling grids. Can also be used with i- and V-lights. (1 only) .....**14.95**
- Lobo** (Mfr # F1-30; B&H # LOL)  
Attaches Lobo Arm to top or any part of a stand to make a miniature boom for ViP Lights. Also mounts large umbrellas, flags, etc.....**23.95**
- Lobo Arm** (Mfr # F1-40; B&H # LOLAQ)  
22" shaft with 5/8" stud. Extends, articulates and booms small lights, reflectors, etc .....**22.50**
- Safety Cable (Set of 3)** (Mfr # CM-50; B&H # LOSC)  
34" braided stainless-steel cable adds security to lights and acc. attached to overhead pipes, beams, dropped-ceiling grids, etc. ....**19.95**



## Pro-Light Cables

- 12' Cable** (Mfr # P2-80; B&H # LOC12IPL): #18/3 cable with IEC connector is supplied with the Pro-light to extend its captive cable .....**13.50**
- 12' Pro Euro Cable** (Mfr # P2-801; B&H # LOC12IPLE)
- 12" 2-pin 30v Cable** (Mfr # P2-81; B&H # LOC30IPL)  
Adapts Pro-light, with IEC connector, for use with 30v batteries. #18/3; with switch and 2-pin "Amphenol Type" connector. ....**34.95**
- 12" 4-pin XLR Cable** (Mfr # P2-82; B&H # LOC4PIPL)  
Adapts the Pro-light for use with 12v batteries for 100w operation .....**19.50**
- 12" 12v Cigarette Lighter/Car Adapter Cable** (Mfr # P2-85; B&H # LOCLAIPL)  
Adapts Pro-light IEC connector for use with some 12-volt batteries and automobile cigarette lighter sockets .....**19.50**

## i-Light & id-Light Connectors

- 10' Extension Cable** (i-85): Enables the i-light to be used inside or outside automobiles. No wiring required .....**CALL**
- Pack of 10 Cable Clips** (Mfr # K4CC; B&H # LOCC)  
Reusable quick release cable fasteners.....**5.95**
- Anton Bauer Battery Tap** (Mfr # i-86; B&H # LOABBTPL): Connects i & id-light to Anton Bauer battery on video camera.....**22.50**
- Pack of 40 Cable Clips** (Mfr # KCC; B&H # LOCC40)  
Reusable quick release cable fasteners.....**14.50**

## CAMPAK POWER SERIES

### Nicad Battery Packs

If you are tired of short camcorder run-times and stacks of batteries, try NRG's powerful solutions — the 12-volt, 38WH Campak and the 13.2-volt, 42WH Campak Pro power packs. The lightweight Campak power packs attach easily to your waistband, pocket, Power Belt or optional Campak Belt with a sturdy spring steel clip. Campak power packs use powerful memory-free sintered Ni-Cad cells to deliver 3 to 5 hours of continuous camcorder run-time, and include a soft case and an overnight charger.

**Campak 12v Power Pack:** The 12v, 38-WH Campak has a cigarette lighter output for connection to a camcorder or accessory. The kit includes custom soft case and a standard overnight charger. Dimensions are 4.75 x 6.25 x 1" (WHD), and it weighs 2.3 lbs. (Mfr # 91201; B&H # NR91201) .....**159.95**

**Campak Pro 12v Power Pack:** The 12v, 38-WH Campak Pro has a reliable 4-pin female XLR output for connection to a camcorder or accessory. The kit includes a custom soft case and a standard overnight charger. Measures 4.75 x 6.25 x 1" (WHD), and it weighs 2.3 lbs. (Mfr # 91204; B&H # NR91204).....**179.95**



**Campak Pro 13.2v Power Pack:** The same as the above Campak Pro with a 4-pin female XLR output, but with 13.2v, 42-WH for 15%-20% longer runtimes. Includes a custom soft case and a standard overnight charger. 4.75 x 6.25 x 1" (WHD). It weighs 2.6 lbs. (Mfr # 91304; B&H # NR91304) .....**199.95**

## ANCHOR SERIES

### Lead Acid-Based Power Belt Systems

The Anchor Series is a high-quality, low-cost, entry-level system for schools, institutions and beginning videographers on a budget. Incorporating durable Starved Electrolyte Lead Acid Gel cells and a sophisticated electronic charging system, the Anchor Series obtains maximum power at minimal cost. And while the inherent characteristics of lead acid cells make them poorly suited to most professional application, the Anchor Series offer a host of thoughtful features unheard-of at this price level.

The Anchor 10 belt weighs in at 9.5 lbs. and is ruggedly constructed of black padded ballistic nylon. The Anchor 14 delivers 40% more power than the Anchor 10. This makes it a cost-effective choice for maximum runtimes of power-hungry full-size consumer camcorders and lighting. The Anchor 14's rugged low-IR lead-acid cells provide excellent performance and life even under heavy discharge loads. The belt weighs in at 13 lbs. and is also ruggedly constructed of black padded ballistic nylon.



Both belts feature 7-stage L.E.D. "fuel gauge" power-status indicator, dual power outputs, auto-reset short-circuit protection, electronic charger with two-state charge indication. Each system includes the Anchor 10 or 14 belt with power chassis, and 200-series electronic "smart" charger with status display. They fit waist sizes from 30"-60".

**Anchor 10** (Mfr # 51011; B&H # NR51011)  
12v, 10 amp cell pack with dual cigarette lighter outputs .....**149.95**

**Anchor 10** (Mfr # 51044; B&H # NR51044)  
12v, 10 amp cell pack with dual 4-pin XLR outputs .....**194.95**

**Anchor 14** (Mfr # 51411; B&H # NR51411)  
12v, 14 amp cell pack with dual cigarette lighter outputs .....**249.95**

**Anchor 14** (Mfr # 51444; B&H # NR51444)  
12v, 14 amp cell pack with dual 4-pin XLR outputs .....**279.95**

## ACCESS BELT SERIES

Now any serious videographer has access to the power of NRG. Access-Series belts are easy to operate and deliver NRG performance at an unbeatable price. They utilize the same advanced high-density memory-free sintered Ni-Cad power cells that have made other NRG power products legendary for comfort and life. Versatility has not been compromised either, as all belts include dual power outputs, electronic "Fuel Gauge" and charge-status indication, rugged nylon and metal construction and a host of other unique, useful features. The main difference is that Access-Series NiCad cells are integrated in the belt, instead of being housed in removable packs.

### Day-Pro System

The Day-Pro is the perfect system for users trying to balance a budget with the need for a high-quality power source. The belt itself is ruggedly constructed of black padded ballistic nylon and features a 7-stage L.E.D. "fuel gauge"/charge-status indicator, dual power outputs, auto reset short-circuit protection, and weighs just 4.8 lbs. for all-day comfort. An on-board microcomputer interacts with the supplied standard charger to provide charge control and status indication. The 380 Quick Charger provides a full, safe charge in under two hours. Each system includes Day-Pro belt & power chassis with 12v, 65WH cells, and 300-series standard charger. Fits 29"-60" waist size.



**Day-Pro Power Belt System** (Mfr # 78011; B&H # NR78011): Dual cigarette-lighter outputs; 12v, 65-WH cell pack.....**279.95**

**Day-Pro Power Belt System** (Mfr # 78014; B&H # NR78014): One cigarette-lighter and one 4-pin XLR output; 12v, 65-WH cell pack...**299.95**

**Day-Pro Power Belt System** (Mfr # 78044; B&H # NR78044): Dual 4-pin outputs; 12v, 65-WH cell pack .....**314.95**



### Field-Pro System

The Field-Pro delivers 40% more power than the Day-Pro and is available in 12 or 13.2 volt configurations. This makes it an excellent choice for prosumer and industrial users on a budget who need maximum runtimes for power-hungry full-size cameras and lighting. Thanks to the advanced ultra-capacity memory-free Ni-Cad cells, the Field-Pro is so compact and light-weight, that it is comfortable even after a full day's wearing. The belt features a 7-stage L.E.D. "fuel gauge"/charge-status indicator, dual power outputs, auto reset short-circuit protection and an on-board microcomputer that interacts with the supplied standard charger or optional 380 quick charger to provide charge control and status indication. Each system includes Field-Pro belt & power

chassis with 12v 86-WH or 13.2v, 95-WH cells, and 300-series standard charger. It fits waist sizes from 29"-60".

#### With 12v 86 Watt-Hour Cell Pack

**Field-Pro Power Belt System** (Mfr # 87011-A; B&H # NR87011A) With dual cigarette lighter outputs .....**349.95**

**Field-Pro Power Belt System** (Mfr # 87014-A; B&H # NR87014A) With cigarette lighter and 4-pin XLR output.....**369.95**

**Field-Pro Power Belt System** (Mfr # 87044-A; B&H # NR87044A) With dual 4-pin XLR outputs.....**384.95**

#### With 13.2v 95 Watt-Hour Cell Pack

**Field-Pro Power Belt System** (Mfr # 87011-B; B&H # NR87011B) With dual cigarette lighter outputs .....**399.95**

**Field-Pro Power Belt System** (Mfr # 87014-B; B&H # NR87014B) With cigarette lighter and 4-pin XLR output.....**429.95**

**Field-Pro Power Belt System** (Mfr # 87044-B; B&H # NR87044B) With dual 4-pin XLR outputs.....**449.95**

Power Belt	Voltage	Watt Hours	Capacity at 1 Hour Rate	Weight
Day-Pro	12v	65	5.3A	4.9 lbs.
Field-Pro 12v 86-WH	12v	86	7.2A	7.9 lbs.
Field-Pro 13.2v 95-WH	13.2v	95	7.2A	8.3 lbs.

## PERPETUAL POWER SERIES

*Perpetual Power Series power belts are the ultimate power solution. They provide the power to run lights, camcorders and decks without the fear of shutdown. Advanced high-density NiCad power cells provide the lightest weight and longest service life of any power product made. Innovative features, such as dual power outputs, power indicator, removable packs, plus accessories like high-speed chargers, solar panels and high-current cables, combine to form the complete power solution for any kind of application.*

### Power-Pro+ System

This 4.9 lb. wonder is NRG's most popular power product and is relied on by thousands of videographers the world over. From the serious "prosumer", to the working professional, the Power-Pro+ is the basis of a sophisticated and affordable power system that can be expanded as your needs demand. The Power-Pro+ belt is a unique combination of power and comfort. It features interchangeable high-capacity, memory-free, quick-charge-capable sintered Ni-Cad power packs, a power chassis with dual inputs for pack change without shutdown, dual power outputs for powering two devices simultaneously, 7-stage multi-color "Fuel Gauge" indicator, and auto-reset overload protection for connected equipment. Each system includes a Power-Pro+ belt and power chassis; 12v DC, 65-WH quick-charge-capable cell pack; and a 600-series standard charger. Available in Small (24"-29"); Medium (30"-40"); and Large (40"-52").



#### Power-Pro+ Power Belt System

With dual cigarette-lighter outputs; 12v, 65-WH cell pack.

**Small** (Mfr # 88011S; B&H # NR88011S) .....**339.95**

**Medium** (Mfr # 88011M; B&H # NR88011M) .....**339.95**

**Large** (Mfr # 88011L; B&H # NR88011L) .....**339.95**

#### Power-Pro+ Power Belt System

With one cigarette-lighter and one 4-pin XLR output; 12v, 65-WH cell pack.

**Small** (Mfr # 88014S; B&H # NR88014S) .....**349.95**

**Medium** (Mfr # 88014M; B&H # NR88014M) .....**349.95**

**Large** (Mfr # 88014L; B&H # NR88014L) .....**349.95**

#### Power-Pro+ Power Belt System

With dual 4-pin XLR outputs; 12v, 65-WH cell pack.

**Small** (Mfr # 88044S; B&H # NR88044S) .....**369.95**

**Medium** (Mfr # 88044M; B&H # NR88044M) .....**369.95**

**Large** (Mfr # 88044L; B&H # NR88044L) .....**369.95**



### Power-MAX System

The Power-MAX delivers 40% more power than the Power-Pro and is available in 12 or 13.2 volt configurations. Equipped with NRG's highest-capacity interchangeable Ni-Cad pack, the Power-MAX series is the belt system of choice for power-hungry industrial and professional users. Ideal for high-current draw situations and long run-times, it features a rugged top-grain leather belt base and multi-color 7-stage power indicator. Each system includes a Power-MAX belt & power chassis with 12v 86-WH or 13.2v, 95-WH cells, and a 600-series standard charger. Power-MAX belts are available in Regular (30" - 44") and Large (37" - 54") sizes.

#### With 12v 86 Watt-Hour Cell Pack

**Field-Pro Power Belt System** (Mfr # 97011-AR; B&H # NR97011AR): With dual cigarette lighter outputs. Regular (30" - 44") .....**389.95**

**Field-Pro Power Belt System** (Mfr # 97011-AL; B&H # NR97011AL): With dual cigarette lighter outputs. Large (37" - 54") .....**389.95**

**Field-Pro Power Belt System** (Mfr # 97014-AR; B&H # NR97014AR): With cigarette lighter and 4-pin XLR output. Regular (30" - 44") .....**419.95**

**Field-Pro Power Belt System** (Mfr # 97014-AL; B&H # NR97014AL): With cigarette lighter and 4-pin XLR output. Large (37" - 54") .....**439.95**

**Field-Pro Power Belt System** (Mfr # 97044-AR; B&H # NR97044AR): With dual 4-pin XLR outputs. Regular (30" - 44") .....**449.95**

**Field-Pro Power Belt System** (Mfr # 97044-AL; B&H # NR97044AL): With dual 4-pin XLR outputs. Regular (30" - 44"). Large (37" - 54") .....**449.95**

#### With 13.2v 95 Watt-Hour Cell Pack

**Field-Pro Power Belt System** (Mfr # 97011-BR; B&H # NR97011BR): With dual cigarette lighter outputs. Regular (30" - 44") .....**439.95**

**Field-Pro Power Belt System** (Mfr # 97011-BL; B&H # NR97011BL): With dual cigarette lighter outputs. Large (37" - 54") .....**449.95**

**Field-Pro Power Belt System** (Mfr # 97014-BR; B&H # NR97014BR): With cigarette lighter and 4-pin XLR output. Regular (30" - 44") .....**459.95**

**Field-Pro Power Belt System** (Mfr # 97014-BL; B&H # NR97014BL): With cigarette lighter and 4-pin XLR output. Large (37" - 54") .....**489.95**

**Field-Pro Power Belt System** (Mfr # 97044-BR; B&H # NR97044BR): With dual 4-pin XLR outputs. Regular (30" - 44") .....**499.95**

**Field-Pro Power Belt System** (Mfr # 97044-BL; B&H # NR97044BL): With dual 4-pin XLR outputs. Regular (30" - 44"). Large (37" - 54") .....**499.95**

## POWER VESTS

Combine the comfort and convenience of a photo-journalist style vest with the power of NRG's highest-capacity power belt. Available in two styles, Power Vests are ruggedly constructed of black high-density weatherized ballistic nylon, yet feature an open-cut style, making them comfortable to wear in a variety of climates. Plus, their highly adjustable design allows them to be tailor-fit to your physical proportions. They offer a host of thoughtful touches, like internal and external pockets for blank tapes and accessories, a clear insert window for a press pass or business card, D-rings for cables and microphones, and even an integral padded camera rest on the right shoulder. You might want to own the vest for just these handy features, but once you have experienced its power you'll never want to part with it. Cleverly concealed inside the vest is NRG's most powerful NiCad power packs in your choice of 12 or 13.2 volts. The Field Vest is designed for use in a field production environment, while the Event Vest is for when style is everything.

### Power Vest Event

The Power Vest Event is designed for shooting situations where style is everything. It features shoulder to waist-level black satin tux fabric. Worn under a suit coat, the Power Vest Event is indistinguishable from a formal dress vest. Goodie storage is not completely sacrificed, as the Event model still retains interior and low exterior pockets. It is available in 12 or 13.2 volt versions and feature a micro-processor controlled 7-stage "fuel gauge" power meter, charge-status indication, dual outputs for simultaneous powering of two devices and auto-reset short/overload protection. The Power Vest Event system includes a Power Vest with output module, and a 300-series standard charger.



### Power Vest Field

The Power Vest Field model is designed for daily use in a field production environment. The exterior is constructed of high-density weatherized nylon and the interior is lined with a soft breathable nylon hybrid. It features a wide assortment of interior and exterior pockets for tapes, microphones, filters, old gum, loose change and other common field acquisitions. The Power Vest Field system is available in 12 or 13.2 volt versions, and includes a Power Vest with output module, and a 300-series standard charger.

Power Belt	Voltage	Watt Hours	Capacity at 1 Hour Rate	Weight
Power-Vest 12v	12v	86	7.2A	8.3 lbs.
Power Vest 13.2v	13.2v	95	7.2A	8.3 lbs.

### Event Style Power Vest

- Event Style Power Vest** (Mfr # 98011-12; B&H # NR9801112)  
12v/86WH. With dual cigarette lighter outputs .....**479.95**
- Event Style Power Vest** (Mfr # 98014-12; B&H # NR9801412)  
12v/86WH. With cigarette, 4-pin XLR output .....**499.95**
- Event Style Power Vest** (Mfr # 98044-12; B&H # NR9804412)  
12v/86WH. With cigarette, 4-pin XLR output .....**529.95**
- Event Style Power Vest** (Mfr # 98044-13; B&H # NR9804413)  
13.2v/95WH. With cigarette, 4-pin XLR output .....**569.95**

### Field Style Power Vest

- Field Style Power Vest** (Mfr # 99011-12; B&H # NR9901112)  
12v/86WH. With dual cigarette lighter outputs .....**459.95**
- Field Style Power Vest** (Mfr # 99014-12; B&H # NR9901412)  
12v/86WH. With cigarette, 4-pin XLR output .....**499.95**
- Field Style Power Vest** (Mfr # 99044-12; B&H # NR9904412)  
12v/86WH. With cigarette, 4-pin XLR output .....**534.95**
- Field Style Power Vest** (Mfr # 99044-13; B&H # NR9904413)  
13.2v/95WH. With cigarette, 4-pin XLR output .....**559.95**

### CHARGERS AND POWER PACKS



#### Standard Charger (Mfr # 00600; B&H # NR00600)

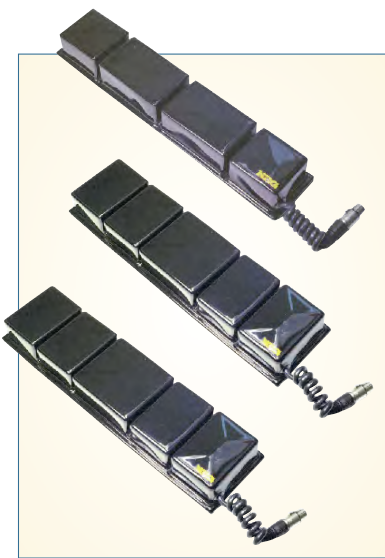
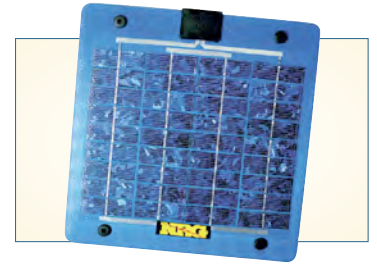
Replace a lost charger or charge extra packs simultaneously with an extra Standard Charger. This is an exact replacement of the charge unit included with Power-Pro+ and Power-MAX belt systems. 3 x 2.5 x 4.5" (WHD) .....**49.95**

#### High-Speed Car Charger (Mfr # 00672; B&H # NR00672)

Charge on the go! This charger plugs into any car's cigarette lighter socket to allow charging of Power-Pro+ and Power-MAX cellpack in a speedy 1 to 4 hours. It uses advanced computer control and a unique flyback voltage transformation circuit to give a fast full charge to 12v or 13.2v packs — even if your car is not running or its battery is low. It features full automatic charge termination, LED charge status indicator and an under-dash mounting bracket to allow permanent installation, if desired. Ideal for a quick charge en-route to a shoot, or as a primary charger in locations lacking AC power. Weighs only 1.25 pounds and measures 3 x 2.25 x 4.5" (WHD) .....**139.95**

#### Power Belt Solar Charger (Mfr # 00690-C; B&H # NR00690C)

Designed for users without access to conventional power sources for recharging their NRG batteries with a 3-pin XLR connection, such as Campak power packs. Built to withstand the rigors of virtually any climate on earth, the Solar Charger perfectly meets the needs of expedition, safari, military, and field crews worldwide. It utilizes stable high efficiency semi-crystalline silicon solar cells, laminated between sheets of EVA vinyl and nearly indestructible Tedlar. It can charge a Campak battery pack in ten hours, depending on solar conditions. 10.75 x 10.5 x 0.38" (WHD) .....**224.95**



#### Extra Power Belt Cellpacks

Extra power packs provide peace of mind and ample power for long trips or day-long shoots. All packs are exact replacements for those supplied with NRG power belts and feature the highest quality "memory-free" fast charge capable NiCad cells. Plus, their unique modular design allows any pack to be attached to any belt. When used along with a fast charger, two cell packs can provide virtually uninterrupted power.

##### 12v, 65 Watt-Hour Cell Pack

The same high-capacity NiCad pack that ships with the Power-Pro+ belt. Can be used with Power-MAX belts, as well. (Mfr # 21210; B&H # NR21210) .....**199.95**

##### 12v 86 Watt-Hour Cell Pack

The same NiCad pack that is supplied with the Power-MAX. Can be used with Power-Pro+ for 40% longer run-time. (Mfr # 21214; B&H # NR21214) .....**269.95**

##### 13.2v, 95 Watt-Hour Cell Pack

For use with industrial or broadcast-grade cameras and dockables to avoid early shutdown. Can be used with both the Power-Pro+ and Power-MAX belts. (Mfr # 21314; B&H # NR21314) .....**319.95**

#### Heavy-Duty Transport Case for Power Belts (Mfr # 40800; B&H # NR40800)

Jet-black hard-side custom case provides protection during transport. The die-cut foam interior allows customization for any transport need. Measures 14 x 6 x 18" (WDH) .....**69.95**

#### Heavy-Duty Transport Case for Campak Batteries (Mfr # 40900; B&H # NR40900)

Smaller version of the 40800 Transport Case. Offers durability and protection for smaller NRG products, such as Campaks or on-camera lights. 10.75 x 14.25 x 6" (WDH) .....**49.95**



## POWER ADAPTERS

Easily interface camcorders with 12-15v DC power from power belts or automobiles. NRG's adapter cables may look the same outside as other, less expensive models, but inside there is a big difference - a miniaturized super-efficient PWM power supply which provides an average 40% increase in runtimes over inexpensive models with linear supplies. That means longer runtimes and greater reliability.



### For Sony

**2SDT01/2SDT04:** Plugs directly into the AC adapter port of the Sony DCR-VX2100, DSR-PD170, HDR-FX1, HDR-FX7 and HVR-HD1000U. Operates from any 9-16v DC source. A tiny inline module features a clip for attachment to a battery belt, waistband or tripod. The cord is 3' coiled and extends to over 6'. The entire cable weighs just 5 ounces.

- Cigarette-Lighter Connector** (Mfr # 2SDT01 • B&H # NR2SDT01) .....**59.95**
- 4-pin XLR Connector** (Mfr # 2SDT04 • B&H # NR2SDT04) .....**72.95**

### For Canon

**2CD01/2CD04:** 6' coiled power adapter that allows the Canon XL-1s, XL-2, XL-H1, XL-H1S and XL-H1A using the BP-927 battery or DC-900 coupler to be powered from any NRG power product.

- Cigarette-Lighter Connector** (Mfr # 2CD01 • B&H # NR2CD01) .....**59.95**
- 4-pin XLR Connector** (Mfr # 2CD04 • B&H # NR2CD04) .....**69.95**

**2CDG01/2CDG04:** Fits the GL-2. It features a miniaturized high-efficiency regulation unit which attaches in place of the standard battery pack. The adapter operates from any 9-16-volt DC source including battery packs, belts, power supplies and automobiles. The adapter's supply cable is 3' coiled (6' extended).

- Cigarette-Lighter Connector** (Mfr # 2CDG01 • B&H # NR2CDG01) .....**59.95**
- 4-pin XLR Connector** (Mfr # 2CDG04 • B&H # NR2CDG04) .....**69.95**

## LIGHTMASTER 2000/2101

### Wireless Light-Control System

The Lightmaster 2000 is a wireless command system that allows you total control over any number of AC lights from up to 150' away, even through walls. Never again trek across a crowded dance floor, disrupt a news conference, or spend time taping down cables. Simply plug any AC light (up to 1,000 watts) into a control module and you're in total control using a tiny hand-held radio-frequency transmitter. Since you can add an unlimited number of control modules, the Lightmaster can be expanded as your lighting needs grow.



Lightmaster modules can be easily set to a unique address to avoid interaction in crowded environments where other Lightmasters may be in use.

Stepping up, the Lightmaster 2101 features a more compact long-range hand-held transmitter capable of extended transmission distances in excess of 300'. Also allows selection of a personal code to avoid interference when multiple systems are in use.

- Lightmaster 2000 Starter Kit** (1 Command & 1 Control Module) (Mfr # 52000 • B&H # NR52000) .....**89.95**
- Extra Lightmaster 2000 On/Off Control Module** (NR52001) .....**49.95**
- Lightmaster 2000 3-Light System** (1 Command & 3 Control Modules). (Mfr # 52003 • B&H # NR52003) .....**199.95**
- Lightmaster 2101 Starter Kit** (1 Command & 1 Control Module) (Mfr # 52101 • B&H # NR52101) .....**129.95**
- Extra Lightmaster 2101 On/Off Control Module** (NR52001) .....**49.95**
- 52103 - Lightmaster 2101 3-Light System** (1 Command & 3 Control Modules). (Mfr # 52103 • B&H # NR52103) .....**224.95**

## VOLTAGE CONVERTING UNIVERSAL POWER CORD

Accepts 10v - 16v DC input and produces precisely regulated output in your choice of 6 or 9v DC. Maximum equipment draw is 2.5 amps. Perfect for connecting monitors, mixers, cellular phones, camcorders, or other devices requiring voltages lower than 12v DC to a power pack, power supply, or automobile. Complete with a set of the six most popular barrel jack connector types: 3.5mm, 3.5mm x 1.22mm, 5.0mm x 2.1mm, 5.5mm x 1.5mm, 5.5mm x 2.1mm and 5.0mm x 2.5mm. Choice of 4-pin XLR or cigarette-lighter input styles.



- 6v Cigarette-Lighter Input Connector** (Mfr # 21166-1; B&H # NR211661) ...**38.95**
- 6v 4-pin XLR Input Connector** (Mfr # 21166-4; B&H # NR211664) .....**48.95**
- 9v Cigarette-Lighter Input Connector** (Mfr # 21199-1; B&H # NR211991) ...**34.95**
- 9v 4-pin XLR Input Connector** (Mfr # 21199-4; B&H # NR211994) .....**49.95**

## MITE-LITE

### Tiny High-Powered Video Light

Award-winning design and the ultimate in durability and lightweight power. The Mite-Lite brings professional quality to even the smallest of camcorders. Its rugged metal housing is milled from aircraft aluminum, making it the toughest mini-light on the market. And, with its ultra-efficient quartz-halogen bulb, the Mite-Lite is also the brightest.

- ◆ Perfect for interviews and fills, yet powerful enough for distant shots.
- ◆ Tiny, pocket-sized design (3.25" long x 1.5" in diameter, weighs only 5.7 oz.).
- ◆ Body is a solid piece of milled aircraft aluminum, making it the toughest little light in the business. Black powder-coated finish has a surface 20 times harder than paint finish.
- ◆ Powerful quartz-halogen 30-watt bulb with dichroic light multiplier reflector throws smooth light up to 75 ft.
- ◆ Has a metal accessory shoe mount with metal tightening ring as well as a screw mount for light stand use.
- ◆ The durable metal lighthead is removable for easy lamp replacement.
- ◆ Available with cigarette-lighter or 4-pin XLR power connector.
- ◆ Optional 20 and 35 watt bulbs available in spot or medium flood.

**Mite-Lite:** On-Camera Light with cigarette plug (Mfr # 50350 • B&H # NR50350) .....**89.95**

**Mite-Lite:** On-Camera Light with 4-pin XLR connector (Mfr # 50354 • B&H # NR50354) .....**99.95**



## LITE-RITE Total Light Control

Providing total control over any DC video light, the Lite-Rite has four distinct functions that make it a must-have for any videographer using auxiliary lighting:

**Control:** Lets you instantly adjust light intensity to any one of 80 light levels to perfectly match the light requirements of any shooting situation. The light level can also be raised slowly to full power to give subjects a chance to accustom themselves to the increased light.

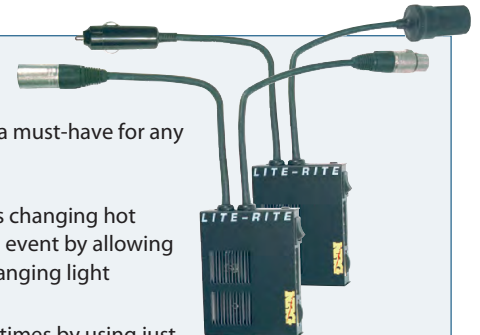
**Information:** A colored graphic display clearly indicates remaining light run time from its power source, or serves as a handy power-monitor even when no light is attached.

**Convenience:** Eliminates changing hot bulbs in the middle of an event by allowing one lamp to adjust to changing light requirements.

**Protection:** Extends run times by using just the right amount of battery power needed for the required light intensity. Also protects your batteries from overdischarge by turning the light off when the power runs low.

Lite-Rite with cigarette plug (Mfr # 05811 • B&H # NR05811) .....**109.95**

Lite-Rite with 4-pin XLR (Mfr # 05844 • B&H # NR05844) .....**119.95**



## VERSALITE PRO

### Professional AC/DC On-Camera Light

The Versalite Pro is a good choice for the videographer seeking rugged construction, high efficiency, and AC/DC capacity at an affordable price. Integrates many features in a package proportioned for mid- to full-size camcorders.

- ◆ AC/DC capability is unmatched. Accepts 20W, 35W, 50W, 75W and 100W DC, and 150W, 250W and 300W AC bulbs. Offers flood, medium flood and spot patterns.
- ◆ Unique dispersion grid eliminates hot spots and subject's complaints.
- ◆ All-metal construction for years of use.
- ◆ Includes 150W 120v AC lamp, 50W 12v DC lamp, clear dispersion grid, AC power cord and DC cigarette lighter converter.



Versalite Pro with cigarette connector, 150w AC and 50w DC lamps (Mfr # 53000 • B&H # NR53000) .....**159.95**

VARALUX PRO



On-Camera DC Light with Intensity Control

The Varalux Pro combines the ruggedness, light efficiency and versatility of NRG's best selling Versalite Pro (but DC only) with a sophisticated electronic light management system. Equipped with on-board control IC's integrating NRG's Light-Gate technology, you can infinitely adjust intensity within a range of 10% to 100% of the lamp's rated power. Now you can instantly adjust light output to meet changing light requirements—without changing hot bulbs or fussing with power rabbit diffusion filters. Best of all, the Varalux Pro virtually eliminates color shift and dramatically conserves battery power by using only the power required for the selected light level.

- ◆ Sturdy all-metal click tilt mounting bracket with unique ratchet action eliminates shake in action shooting conditions.
- ◆ Prismatic Pyrex dispersion grid provides smooth even light output and reduced glare without changing light intensity.
- ◆ Front retainer assembly pops off for instant bulb access without the bother of screws.
- ◆ Rugged milled aluminum light head disperses heat and provides years of service under adverse conditions.

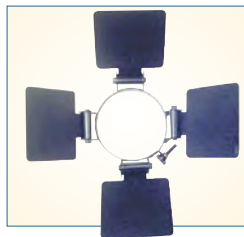
Varalux with cigarette plug (Mfr # 56001 • B&H # NR56001) .....**199.95**      Varalux with 4-pin XLR (Mfr # 56004 • B&H # NR56004) .....**219.95**

On-Camera Lighting Accessories



**Versalite Pro 4-pin Cable:**  
3-pin XLR-F to 4-pin XLR-M cable for connection of Versalite Pro to power belt  
(Mfr # 05004V • B&H # NR05004V) .....**29.95**

**Versalite Series Barndoors:**  
Metal 4-leaf barndoor for maximum light



control of Versalite Pro or Varalux  
(Mfr # 05725V • B&H # NR05725V) .....**39.95**

**On-Camera Industrial Mount:**  
Rugged metal mount threads into any industrial camera with a screw-type (1/4-20) accessory mounting hole and converts it to a standard accessory shoe. Lights, mics, and accessories can be conveniently mounted and removed. Side thumbscrew provides extra mounting security. (Mfr # 59004 • B&H # NR59004) .....**29.95**

**On-Camera Ball Tilt Mount:**  
Metal mount slides into a camera's accessory shoe and allows lights and accessories attached on the top to swivel 360° and tilt 90°. Also lifts the attached unit 1" off the camera. Great for use with the Mite-Lite.  
(Mfr # 59007 • B&H # NR59007) .....**24.95**



**Opalized Interview Grid**  
Designed for close-range work, this unique grid is specially treated to give the light passing through it a soft, natural effect.  
60% Opalized Interview Grid (Mfr # 05218 • B&H # NR05218) .....**21.95**  
Same as above for Mite-Lite (Mfr # 05218M • B&H # NR05218M) .....**15.95**

**Diffusion Grid**  
Low-loss diffusion glass—subtly softens and spreads light over 30% for close to intermediate shots.  
Diffusion glass for 30% softening (Mfr # 05220 • B&H # NR05220) .....**14.95**  
Same as above for Mite-Lite (Mfr # 05220M • B&H # NR05220M) .....**9.95**  
Light Control Pack: Includes Diffusion & Interview Grid  
(Mfr # 05238 • B&H # NR05238) .....**29.95**

**Dichroic Daylight Balancing Grid**  
Avoid color temperature color conflicts when using fill-lighting outdoors during the day. Dichroic-coated optical lamps grid raises the 3200°K indoor color temperature of lamps to 5600°K (daylight).  
Daylight Balancing Grid (Mfr # 05520 • B&H # NR05520) .....**34.95**  
Same as above for Mite-Lite (Mfr # 05520M • B&H # NR05520M) .....**19.95**

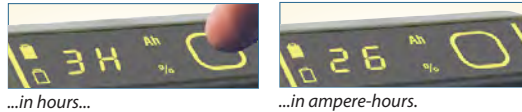
**Color Grids**  
Use color effect grids to set or change the mood of a scene. Available in Red (05201), Green (05206), Med Blue (05208), Yellow (05203), Amber (05207), Dark Blue (05209), Pink (05205), Light Blue (05211) or Lavender (05401) .....**12.95**  
Color Effects Grid Pack: Includes all 9 color effects grids  
(Mfr # 05009 • B&H # NR05009) .....**84.95**

## BATTERIES

PAG batteries are designed scientifically to provide a safe, reliable power source for most professional video requirements. They are manufactured to withstand the strains and stresses of use in the harshest environments, and to perform consistently over their natural lifetime. PAG uses only the highest quality components in the construction of its products. Safety, reliability, and durability are the prime concerns, from conception to final assembly.

- ◆ PAG uses premium grade cells which have been extensively tested to ensure excellent cycle life and capacity.
- ◆ The low-resistance inter-cell nickel strapping and cell layout optimize current sharing, reducing one of the common causes of cell imbalance.
- ◆ High-impact, injection-moulded polycarbonate, or medium impact ABS cases incorporate integral cradles for protection of the cell-pack.
- ◆ PAG battery cases embody non-slip design features for secure handling.
- ◆ The internal circuits of PAG Li-Ion batteries are coated with Parylene, the premier conformal coating, to protect circuits against the results of severe mechanical abuse to the cell pack. PAG believes this coating to be an essential additional level of protection, and yet other manufacturers fail to address this.

At the press of a button the PAG Power & Time Display shows run-time against load...



...in hours...

...in ampere-hours.

Available capacity is also displayed...



...followed by minutes.

...followed by percentage.

PAG Power Circle Display



- ◆ PAG Li-Ion batteries have a higher safety standard than those of other manufacturers. They are protected against: over and under voltage, over current (charge and discharge), over and under temperature, and inappropriate charge sources. Each protection feature has a back-up.

- ◆ PAG L95 Li-Ion batteries have built-in RF resistance and are less likely to shut-down in the field than competitors batteries, when used in close proximity to radio transceivers. PAG batteries provide unparalleled technology, performance and safety
- ◆ The key to extended battery life lies in the charging. PAG chargers and battery management systems are the most advanced available. The PAG ACS software that controls the charging process was developed by PAG after years of extensive research, and continues to evolve as new battery chemistries become available. To ensure optimum cycle life PAG batteries should always be charged with the appropriate PAG ACS charger.
- ◆ PAG batteries are available in a variety of sizes, voltages, capacities and cell-chemistries. They are the most technologically advanced in the industry, incorporating many unique, proprietary features designed to assist the camera man, including the industry's most accurate capacity indication and run-time display.

Battery	Connection	Cells	V/Ah	Size	Weight	Charger Compatibility	Capacity Indication
L95 Time Battery (9382)	PAGlok	Li-Ion	14.8v 6.5Ah	3.4 x 1.65 x 5.1"	1.64 lbs.	AR124PLD (9792), Quasar (9726, 9752), Freelancer (9613)	Power & Time Display
L95 Power Circle (9335)	PAGlok	Li-Ion	14.8v 6.5Ah	3.4 x 1.65 x 5.1"	1.64 lbs.	AR124PLD (9792), Quasar (9726, 9752), Freelancer (9613)	Power Circle Display
ZL-150 Battery (9315)	PAGlok	Ni-MH	14.4v 10Ah	8.18 x 4.96 x 1.73"	5.18 lbs.	AR124PLD (9792), Quasar (9726, 9752), Freelancer (9613)	Manual Charged/Used
ZL-50 Battery (9316)	PAGlok	Ni-MH	14.4v 3.2Ah	3.4 x 1.65 x 5.1"	1.94 lbs.	AR124PLD (9792), Quasar (9726, 9752), Freelancer (9613)	LED Display
NMH100 Time Battery (9375)	PAGlok	Ni-MH	13.2v 7.5Ah	8.18 x 4.96 x 1.73"	4.8 lbs.	AR124PLD (9792), Quasar (9726, 9752), Freelancer (9613)	Power & Time Display
NMH100 SuperPack (9370)	PAGlok	Ni-MH	13.2v 7.5Ah	8.18 x 4.96 x 1.73"	4.8 lbs.	AR124PLD (9792), Quasar (9726, 9752), Freelancer (9613)	Manual Charged/Used
NMH60 Time Battery (9374)	PAGlok	Ni-MH	14.4v 3.6Ah	5.11 x 3.38 x 1.69"	1.94 lbs.	AR124PLD (9792), Quasar (9726, 9752), Freelancer (9613)	Power & Time Display
SuperPack (9329)	PAGlok	Ni-Cd	12.0v 5.0Ah	8.18 x 4.96 x 1.73"	3.74 lbs.	AR124PLD (9792), Quasar (9726, 9752), Freelancer (9613)	Manual Charged/Used
SuperPack (9333)	PAGlok	Ni-Cd	13.2v 5.0Ah	8.18 x 4.96 x 1.73"	4.62 lbs.	AR124PLD (9792), Quasar (9726, 9752), Freelancer (9613)	Manual Charged/Used
SuperPack (9344)	PAGlok	Ni-Cd	14.4v 5.0Ah	8.18 x 4.96 x 1.73"	5.94 lbs.	AR124PLD (9792), Quasar (9726, 9752), Freelancer (9613)	Manual Charged/Used
C50 Cobalt (9386)	PAGlok	Ni-Cd	14.4v 5.0Ah	4.1 x 6.3 x 1.2"	2.6 lbs.	AR124PLD (9792), Quasar (9726, 9752), Freelancer (9613)	LED Array
L95 Time Battery (9360)	V-Mount	Li-Ion	14.8v 6.5Ah	3.4 x 1.65 x 5.1"	1.65 lbs.	V4-iPC (9700V), V2 (9613V)	Power & Time Display
L95 Power Circle (9335V)	V-Mount	Li-Ion	14.8v 6.5Ah	3.4 x 1.65 x 5.1"	1.65 lbs.	V4-iPC (9700V), V2 (9613V)	Power Circle Display
ZL-150 Battery (9315V)	V-Mount	Ni-MH	14.4v 10Ah	8.18 x 4.96 x 1.73"	5.18 lbs.	V4-iPC (9700V), V2 (9613V)	Manual Charged/Used
ZL-50 Battery (9316V)	V-Mount	Ni-MH	14.4v 3.2Ah	3.4 x 1.65 x 5.1"	1.94 lbs.	V4-iPC (9700V), V2 (9613V)	LED Display
L95 Time Battery (9383)	Snap-on	Li-Ion	14.8v 6.5Ah	3.4 x 1.65 x 5.1"	1.67 lbs.	Pulsar (9795), Quasar (9727, 9753)	Power & Time Display
L95 Power Circle (9335A)	Snap-on	Li-Ion	14.8v 6.5Ah	3.4 x 1.65 x 5.1"	1.67 lbs.	Pulsar (9795), Quasar (9727, 9753)	Power Circle Display

## LITHIUM-ION BATTERIES



### L95 Time Battery

The L95 Li-Ion Time Battery combines power, accuracy and reliability, making it the industry's most advanced battery. This 14.8v 6.5Ah pack provides a capacity of 95 watt-hours and weighs only 1.64 lbs, which means increased run-time for both a camera and a 35w light. Two L95's provide enough power for a day of shooting, and are small and light enough to be stowed easily in your camera bag. They incorporate Power & Time Display, which provides a run-time prediction, on-load, in hours and minutes. A high/low charge facility within the battery, unique to PAG, provides a choice between extended cycle life or high capacity, when charged with PAG all-chemistry chargers. PAG Li-Ion batteries contain no less than 9 safety mechanisms, making them the safest batteries in the industry. They even comply with

current air transportation regulations (certification is provided).

The capacities of two PAGlok or V-Mount L95s can be combined to enable a higher current draw and longer run-times, by using the PAG Power Plate.

#### L95 with PAGlok Connection

Features PAG's unique high/low charge facility, for a choice of extended cycle life or high capacity.

(Mfr # 9382; B&H # PAPT95) .....**956.95**

#### L95 with V-Lock Connection

Can be charged with PAG V-Series chargers, PAG all-chemistry chargers via 9617 adapter, or with appropriate Sony chargers

(Mfr # 9360; B&H # PAPT95V) .....**956.95**

#### L95 with Snap-on Connection

Requires all-chemistry PAG charger and features PAG's high/low charge facility. This model offers Snap-on 3-stud connectivity.

(Mfr # 9383; B&H # PAL95) .....**956.95**

### L95 Power Circle Battery

The cost of switching to a Li-Ion battery system can be significant. For this reason, PAG has introduced the L95 Power Circle Battery as a high-quality, lower-cost non-digital Li-Ion option. It is ideal for those who require the benefits of Li-Ion but not the highly accurate status indication provided by the Power & Time Display on the above L95 Time Batteries.

The Power Circle display is a micro-driven coulometric capacity indicator, that displays available capacity in terms of percentage.

The push-button display uses four segments to indicate the charge status of the battery.

L95 Power Circle Batteries incorporate the same cell-pack, cycle life, build-quality and safety features as the digital L95 Time Battery, the industry's most advanced battery, and yet they provide significant cost savings. L95 Power Circle Batteries can be charged with PAG all-chemistry chargers. The PAG Freelancer (PAGlok) and V2 (V-Lock) chargers are low-cost, 2-channel chargers, ideal for use with L95 Power Circle Batteries.



#### L95 with PAGlok Connection

With a Power Circle display, high voltage and light weight construction.

(Mfr # 9335; B&H # PAL95PS) .....**649.95**

#### L95 with V-Lock Connection

Can be charged using PAG V-Series chargers or the appropriate Sony charger.

(Mfr # 9335V; B&H # PAL95PSV) .....**649.95**

#### L95 with Snap-on Connection

Charge with Pulsar or Quasar all-chemistry chargers with Snap-on battery connectors.

(Mfr # 9335A; B&H # PAL95PSSO) .....**649.95**

## NiMH BATTERIES



### PAG Lok-on NiMH Battery

Ideal for today's smaller, lighter digital camcorders, the NHM60 (14.4v 3.6Ah) and NHM100 (13.2v 7.5Ah) NiMH batteries feature on-board, touch-button, digital Power and Time Display. One touch provides an accurate display of available capacity in ampere-hours, taking into account the operating environment. A second touch displays the same information as a percentage of available capacity. When connected to a load, it calculates and displays a run-time prediction in hours and minutes, and updates against any change of load within two seconds. Predictions are accurate because they are calculated against actual usage conditions and not against preset parameters. The system will show a higher capacity when operated on a low current load, as opposed to a higher current load. Connects via the PAGlok Connector and can be fast-charged on PAGlok compatible chargers.

#### NMH100 Time Battery

A high performance Ni-MH battery, the NMH100 has a nominal capacity of 7.5Ah, providing approximately 100 watt-hours - ideal for powering high-definition cameras and on-board lighting simultaneously. The PAG NMH100 Time Battery weighs little more than a 5Ah nicad and yet provides almost 50% more power.

(Mfr # 9375; B&H # PANMH100).....**879.95**

#### NMH100 SuperPack

This non-digital version of the NMH100 provides significant cost-savings in comparison with the NMH100 Time Battery, yet provides the same capacity and high-current draw capabilities. Incorporates a manual 'Charge/Used' indicator. (Mfr # 9370; B&H # PANMH100SP).....**694.95**

#### NMH60 Time Battery

The NMH60 is the original Time Battery. It is a compact and lightweight Ni-MH battery, ideal for the smaller range of digital camcorders. The NMH60 provides more power for weight than a nicad and costs less than the Li-Ion option. (Mfr # 9374; B&H # PANMH60).....**599.95**

## ZL-SERIES Zero-Lithium Travel-Pack Batteries

While some airlines refuse to let Li-Ion ENG batteries on-board aircraft in hand luggage, despite safety certification—the ZL batteries contain no lithium, and are always welcome aboard.

The ZL-Series comprises 50- and 150WH battery packs compatible with V-Mount or PAGlok formats, and a 40WH NP-1 format pack.

The ZL-150 is packaged in the SuperPack (slimline) format, rather than the cumbersome 'brick'. Li-Ion batteries having this capacity are limited to two units in your hand luggage, whereas the ZL-150 has no such restriction. Zero-Lithium means zero-hassle at the check-in. Regardless of the air transportation benefits, the PAG ZL-150 is an economical solution for those who require a high-capacity battery with extended run-time, and a higher current-draw capability.

The lighter PAGlok ZL-50, and NP1 format ZL-NP feature an electronic state-of-charge indicator. All ZL batteries are compatible with PAG's all-chemistry AR Series and V-Series chargers, which PAG recommends for extending battery life.



#### ZL-150

150 watt-hour, 14.4v nominal (12 cells connected in series, nominal voltage 1.2v per cell). Capacity: 10 Ampere-hours nominal.

**ZL-150** (Mfr # 9316): PAGlock connector....**824.95**

**ZL-150** (Mfr # 9316V): V-Mount connector.**824.95**

#### ZL-50

50 watt-hour, 14.4v nominal (12 cells connected in series, nominal voltage 1.2v per cell). Capacity: 3.2 Ampere-hours nominal.

**ZL-50** (Mfr # 9315): PAGlock connector.....**469.95**

**ZL-50** (Mfr # 9315V): V-Mount connector...**469.95**

#### ZL-NP

40 watt-hour, 13.2v nominal (11 cells connected in series, nominal voltage 1.2v per cell). Capacity: 3 Ampere-hours nominal.

**ZL-NP** (Mfr # 9314): NP1 format pack.....**319.95**

# NiCAD BATTERIES

## Low Profile Lok-on Nicad Batteries

PAG SuperPacks are high performance Nicad batteries that use PAG's Paglok system to "lok-on" to virtually any camera and ancillary equipment, like recorders and monitors. Ideal for today's small and lightweight camcorders, the batteries have an ultra-slim profile to solve the problems of camera balance that often occur when using larger brick-type batteries.

- ◆ PAGlok connector is an integral part of the injection-molded battery case, providing these batteries with an ultra-slim profile.
- ◆ Case is high-impact resistant ABS and CAD design to ensure the battery withstands the rigors of multi-environmental use.
- ◆ Paglok batteries are built under the strictest quality control system to ensure long and reliable service, under the most demanding conditions.
- ◆ Protected internally with a self-resetting internal cut-off, to prevent accidental short-circuiting. The sliding 'charge/used' indicator is located on the Paglok connector.
- ◆ Superior quality cells are specially selected for their enhanced voltage hold-up characteristics. Tests show that within as little as 30 cycles these cells out-perform other cell types, which were chosen primarily for their initially higher capacity.
- ◆ They connect directly to compatible chargers like the 4-channel AR124PLD and 2-channel Quasar and Freelancer. The incorporated ACS software extends battery life.
- ◆ SuperPack batteries have a capacity of 5Ah, and are available in 12v, 13.2v and 14.4v versions. The C50 Cobalt battery features an LED state-of-charge indicator, and enhanced Nicad cells which provide high capacity in a more compact package.



**RTI SuperPack** (Mfr # 9354; B&H # PAPT5)  
 A 13.2v 5Ah Ni-Cd Digital SuperPack that is compatible with PAG System RTI. The RTI SuperPack provides an accurate run-time prediction that counts down in hours, minutes and seconds, and is displayed in the camera viewfinder. Away from the camera the battery provides a capacity reading with the PAG Digital Battery Reader .....**641.95**

**Digital SuperPack** (Mfr # 9357; B&H # PADSP)  
 A 13.2v 5Ah Ni-Cd Digital SuperPack that displays a countdown, in 5% increments, in the camera viewfinder, when used with the PAG System RTI. Away from the camera the battery provides a capacity reading with the PAG Digital Battery Reader .....**549.95**

**C50 Digital Cobalt** (Mfr # 9387; B&H # PAPLC50D)  
 A digital 50 watt-hour battery with Cobalt Power cells. It features all the benefits of a Ni-Cd (it performs well at extreme temperatures and can be fast-charged in less than an hour) combined with increased capacity in a compact and light-weight package. Ideal for smaller digital camcorders and will power a light up to 100W. The battery provides an accurate run-time prediction that counts down in hours, minutes and seconds, displayed in the camera viewfinder, with System RTI. The C50 incorporates an electronic state-of-charge indicator .....**594.95**

**SuperPack**  
 Non-digital 5Ah Ni-Cd battery that incorporates a manual 'Charged/Used' indicator. Available in 12v, 13.2v or 14.4v.

**SuperPack** (Mfr # 9329; B&H # PASP12)  
 12v, 60Wh, 5Ah .....**454.95**

**SuperPack** (Mfr # 9333; B&H # PASP13.2)  
 13.2v, 66Wh, 5Ah .....**454.95**

**SuperPack** (Mfr # 9344; B&H # PASP14.4)  
 14.4v, 72Wh, 5Ah .....**527.95**

**C50 Cobalt** (Mfr # 9386; B&H # PAPLC50)  
 A non-digital 50 watt-hour battery with Cobalt Power cells. Features all the benefits of a Ni-Cd with increased capacity in a compact package. Incorporates an electronic state-of-charge indicator. 14.4V 50Wh .....**397.95**

**Brick-Type Battery** (Mfr # 9398; B&H # PAPLB)  
 A non-digital 13.2v 5Ah Ni-Cd battery pack that is ideal for those who require the battery to counter-balance the camera lens.....**498.95**

## PAGLOK CONNECTORS

The PAGlok system comprises two halves; one is fitted to the camera, the other is part of the battery. When both halves are locked together they form a secure mechanical and electrical connection. PAGlok connector features include a PP90 socket for the camera light.

### PAGLOK Connectors

**9518** (Mfr # 9518; B&H # PAAPLBGM): Enables a PAGlok-type battery to connect to a camcorder with an existing Snap-On connector .....**209.95**

**9522/-** (Mfr # 9522/-; B&H # PAPLP) Available for a wide range of cameras and equipment. Requires specific PAGlok Mounting Plate to match your equipment .....**147.95**

**9522/58** (Mfr # 9522/58; B&H # PAPLPSV) Adapts Sony DSR 300/500 V-Mounts for use with L95, L75, NMH60, and C50 batteries .....**178.95**

**9522/64** (Mfr # 9522/64; B&H # PAPLPSX) For use with all Sony V-Mounts and PAGlok batteries .....**286.95**

**9522/68** (Mfr # 9522/68; B&H # PAPLPDVC15) PAGlok connector for Panasonic AG-DVC15 camcorder (DC/DC converter) .....**295.95**

**9522/60 Belt Clip Adapter** (Mfr # 9522/60; B&H # PAPLBC) Features 2 PP90 output sockets suitable for a DC/DC Adapter and a camera light. It incorporates a clip enabling it to be worn on your waistband .....**151.95**



## PAGLOK ACCESSORIES

**PAGlok to Snap-on Adapter** (Mfr # 9517; B&H # PAABBPPL) Adapts the PAGlok connector for use with Snap-on compatible batteries .....**159.95**

**PAGlok Connector to XLR-4 (M)** (Mfr # 9524; B&H # PAAPLXLRM) Allows cameras fitted with the PAGlok connector to be powered from a Pagbelt .....**98.95**

**PAGlok/NP1 Adapter** (Mfr # 9577; B&H # PAANP1PL): Adapts the Sony NP1 box for use with the PAGlok connector .....**104.95**

**Snap-on Kit** (Mfr # 9678; B&H # PAAPLCSW): Adapts the PAGlok connector for use with Snap-on compatible batteries. (Wide Kit / Snap-on connector not supplied) .....**88.95**

**Snap-on Kit** (Mfr # 9677; B&H # PAAPLCSN): Adapts the PAGlok connector for use with Snap-on compatible batteries. (Narrow Kit/Snap-on connector not supplied) .....**88.95**



### Power Plate

A dual battery mount available with a choice of connectors for popular camera systems. It enables two L95 (PAGlok or V-Mount) batteries to be used in parallel, providing combined capacity and a higher current draw capability. The weight of the Power Plate and two L95 batteries combined is similar to a Ni-Cd SuperPack battery, but provides 190 watt-hours, almost three times the power.

This is enough to power most camera and lighting

set-ups for a day. The Power Plate incorporates a PAG Power Circle charge-status indicator.

#### For PAGlok NMH60 or L95

**PAGlok Mount** (Mfr # 9551; B&H # PAPLPQ): 8.5" x 5.2" x 1.5" .....**303.95**

**Snap-on Mount** (Mfr # 9552; B&H # PAPLPSO): 8.5" x 5.2" x 1.6" ..**303.95**

**V-Mount** (Mfr # 9553; B&H # PAPLPV): 8.5" x 5.2" x 2.2" .....**303.95**

#### For PAG V-Mount L95

**PAGlok Mount** (Mfr # 9551V; B&H # PAPLPQ): 8.5" x 5.2" x 1.5" .....**296.50**

**Snap-on Mount** (Mfr # 9552V; B&H # PAPLPSO): 8.5" x 5.2" x 1.6" ..**296.50**

**V-Mount** (Mfr # 9553V; B&H # PAPLPV): 8.5" x 5.2" x 2.2" .....**296.505**

### Radio Microphone Receiver Holders

Designed for use with cameras fitted with the PAGlok connector (not included), to enable the mounting of a radio microphone receiver. In most cases the holder is fitted between the battery mount and the camera whilst allowing the routing of any fixed wires through a central aperture. Receivers are held on a left or right side-facing plate, with velcro straps. A kit which enables the mounting of two receivers, and a kit for use with the V-Mount to PAGlok adapter are also available.



**Left Side-Facing Kit** (Mfr # 9620; B&H # PARMHLK) **122.95**

**Right Side-Facing Kit** (Mfr # 9621; B&H # PARMHRK) **122.95**

**Dual Kit** (Mfr # 9622; B&H # PARMHDK) ...**142.50**

**PAGlok to V-Mount Kit** (Mfr # 9623; B&H # PARMHK): For PAGlok 9522/58 and 9522/64 connectors .....**205.95**

POWER MODULES / ADAPTERS

Power Module

A compact, lightweight unit that supplies continuous power from two PAGlok batteries (of any chemistry, capacity and state-of-charge) for editing equipment, remote cameras or microwave links. Output is via an XLR-4 socket. A third power source, such as a Pagbelt can be connected via the XLR-4 input socket. Two Power Modules can be linked to provide seamless power from up to 5 power sources.

**Power Module** (Mfr # 9661; B&H # PAPPM): 12v to 14.4v .....**574.95**

**Power Module** (Mfr # 9663; B&H # PAPPMQ): 12v to 14.4v. Features a 7.2v DC output for small camcorders.....**789.95**

**Connecting Lead** (Mfr # 9664; B&H # PAPPMIL): Designed to connect two power modules together.....**74.95**



Power Supply

Designed for mounting to a camera fitted with the PAGlok Connector. It has a fully protected output of 50W, suitable to power most broadcast cameras. It has a universal mains input of 90v to 270v. Supplied with standard IEC power lead.

**PAGlok Power Supply** (Mfr # 9791; B&H # PAPS) 4.1 x 1.6 x 6.3", it weighs 1.3 lbs .....**971.95**

**PAG Power Supply** (Mfr # 9798; B&H # PAPSS) Snap-on compatible version. 4.1 x 1.6 x 6.3", it weighs 1.3 lbs.....**971.95**

**V-Mount Power Supply** (Mfr # 9791V) 6.3 x 4.1 x 1.3", it weighs 1.3 lbs .....**971.95**



9581  
Batteries not included.

Lok-on Power Module

**Lok-on Power Module** (Mfr # 9581; B&H # PAPM): This series/parallel unit can be used to connect two PAGlok batteries in series, to produce an output voltage equal to the sum of the two batteries' individual voltages, (up to 30v for applications such as powering lighting or microwave links). Connecting the batteries in parallel produces a capacity equal to the sum of the two batteries' individual capacities (up to 14Ah, for extended equipment run-time). This mode provides continuous operation. Output is via 1x XLR-4 socket .....**449.95**

**Power Belt** (Mfr # 9527; B&H # PAPB): A belt-mounted series/parallel unit for use with PAGlok batteries. Output is via 1x XLR-4 socket .....**399.95**

**Battery Carrying Belt** (Mfr # 9523; B&H # PABCB): Incorporates two PAGlok connectors to allow the operator to easily carry two spare batteries .....**334.95**

CHARGE ADAPTERS

Vehicle Battery-Power Converter

(Mfr # 9774; B&H # PACBC): A small, lightweight and economic unit that converts the 12v output from a vehicle battery to 300v DC and is suitable to run V-Series, AR Series/2, Freelancer, Quasar, Pulsar, MC124 and the integral chargers of all Pagbelt IC2s. An audible warning system sounds when the vehicle battery falls below 11 volts and needs to be boosted by starting the vehicle's engine. If the battery voltage falls to 10 volts, the unit will latch-out, leaving enough power to start the engine. 4.37" x 2.36" x 1.18", it weighs 1.76 oz .....**306.95**

**V-Mount Charge Adapter** (Mfr # 9617; B&H # PAVMCA): Charge Adapter for PAG V-Mount compatible batteries, for charging via the front PP90 sockets of PAG AR Series 2, Pulsar and Quasar chargers.....**52.95**

Intelligent V-Mount Charge Adapter

(Mfr # 9610; B&H # PAVMLCA): Charge Adapter incorporating circuits required for charging all Sony Li-Ion batteries via the front PP90 sockets of PAG all-chemistry chargers. 3" x 2" x 0.98", it weighs 2.3 oz.....**107.50**

**NP1 Power Adapter** (Mfr # 9632; B&H # PARMHK) Utilizes NP1 format batteries for powering Radio Microphone Receivers. The unit incorporates 4 auxiliary switched outputs, and over-current protection. NP1 pocket to SQN-4S connector .....**319.95**

**NP1 Charge Adapter for PAG Freelancer** (Mfr # 9574; B&H # PANP1CA): Enables the charging of NP1 batteries (Ni-Cd, Ni-MH or Li-Ion) from the PAGlok connectors of the PAG Freelancer charger .....**117.95**



## AR SERIES 2 • QUASAR • PULSAR

### Two- and Four-Position Battery Chargers

The key to maximizing battery life lies in the charging. PAG's AR Series 2, Pulsar and Quasar chargers are the most advanced microcomputer-controlled battery management systems available for users of ENG batteries. The PAG ACS software that controls the charging process continues to evolve as new battery chemistries become available. Operating under the control of PAG ACS, these chargers extend the working life of your batteries beyond anything that can be achieved using other systems.



PAG 12v battery chargers can be used with PAG Li-Ion, NiMH and nicad batteries, as well as nicad and NiMH batteries of any reputable manufacturer, from 4.8v to 14.8v, and 1Ah to 10Ah. AR Series 2 chargers are available with either PAGlok connectors or NP1 pockets. The Pulsar incorporates Snap-on compatible connectors, incorporating Talk-Circuits, which allow the charger to display data, recorded by PAG digital Li-Ion batteries, such as date of manufacture, serial number, Ah loaded, operating capacity, percentage state-of-charge, and battery temperature. Features include 2 or 4 charging channels, a discharge unit or a camera power supply. There is a choice of battery connections: PAGlok connectors (AR124PLD and Quasar), NP1 pockets (AR124NPD), or Snap-on compatible connectors for charging certain PAG Li-Ion batteries and most Anton Bauer batteries (Pulsar and Quasar).

### FEATURES

#### Automatic Charge Rate Selection

Due to the wide variety of batteries available today, PAG has incorporated revolutionary software in its chargers that provides an easy and efficient system of battery management. When a battery is connected to the charger a period of analysis ensues that detects the battery's cell-chemistry, state-of-charge, capacity and condition. The charger then automatically applies the correct regime to achieve a fully charged battery with the maximum capacity and cycle life. The charge rate can be manually set to 2A, 3A, 4A or Auto.

#### Fast-Charge Termination

To perform properly, batteries must be charged the right amount. Undercharging gives less than full capacity and consequently a shorter run-time, whereas overcharging can permanently damage the battery. To ensure that the fast-charge current is stopped at the correct time, and to detect the many varied problems associated with faulty batteries, the PAG ACS microcomputer uses a combination of several cut-off algorithms. The software developed to do this is the most powerful and complex part of any PAG ACS charger.

#### Sequential Charging

All PAG chargers employ superior sequential charging which fully charges one battery a lot quicker than a simultaneous charger. Simultaneous chargers distribute current over two batteries at the same time, making the process twice as long. PAG chargers are so efficient that in many cases two batteries are sequentially charged faster than they are with simultaneous chargers of other manufacturers.

#### Balancing Charge Program

When the fast-charging phase is completed, the charger may switch over automatically to its balancing charge program. Sometimes the imbalance between cells can be cumulative unless the charger has the ability to address this situation.

The duration of the balancing charge is dependent upon information gained on individual cell condition during the initial analysis phase of the fast-charge program. A battery in any state-of-charge may be applied to the charger, and if ACS determines that a battery is in a satisfactory state of balance, the balancing charge will not be applied.

#### About PAG ACS (Advanced Charging System)

Back in the early 1980's, PAG's Research & Development team conducted a study into the behavior patterns of batteries used in the television industry. This enabled PAG to develop the world's most advanced and sophisticated microcomputer-controlled charging system, which it proudly labeled - PAG ACS. This system caters to a wide range of battery types, voltages, capacities, and cell-chemistries, as well as the different battery characteristics found between cell manufacturers. PAG ACS chargers are intelligent, they require only the positive and negative connections to analyze the battery and apply and monitor the charging process.

## AR SERIES 2 • QUASAR • PULSAR

**Maintenance Charge**

If necessary, an adaptive maintenance charge is automatically applied after a full charge to keep batteries in peak condition and ready for instant use. Once charged, Nickel-Cadmium and Nickel-Metal Hydride batteries tend to self-discharge. The rate varies with the type, size and temperature of the cell, and no one maintenance rate is ideal in all cases.

**Recovery Charge**

PAG ACS recognizes if a battery has been over-discharged (and therefore unsuitable for fast-charging), and indicates that it is faulty. To overcome this condition, you can activate the ancillary Recovery Charge program. Similarly, batteries that have suffered loss of capacity as a result of extended storage or use under adverse conditions may respond to the Recovery Charge program and be rendered suitable for fast-charging.

**Discharge-then-Charge**

Batteries subjected to repeated partial discharge will benefit from the analytic Discharge-then-Charge cycle program. This program discharges the battery, automatically determining the fully-discharged condition, and then fully charges it. Discharge capacity and the subsequent charge loaded into the battery can be displayed on the charger's backlit screen.

**Camera/Camcorder Power Supply**

The Quasar incorporates an optional power supply that provides a nominal 50W— suitable for powering most professional cameras or camcorders. In power supply mode the Quasar displays an accurate digital bar-graph of power consumption.

**Freelancer**

*The Freelancer is an economical, ultra-compact 2-channel charger with a tough but lightweight molded construction that makes it an ideal travel or back-up charger. It is only slightly larger than an L95 Li-Ion battery, and easily fits into a camera bag.*

*The all-chemistry PAG Freelancer incorporates two full-sized PAGlok connectors and will sequentially charge all PAGlok batteries.*

*The charger incorporates PAG ACS software which extends the cycle life of your batteries beyond anything that can be achieved using other systems. A fully discharged 5Ah battery will be fully-charged in approximately 3 hours 20 minutes. After charging, the Freelancer may apply a balancing charge, and a maintenance charge to keep the battery in peak condition. The Freelancer incorporates a program for PAG Li-Ion batteries that will automatically recover the battery when the output has been shut down by the internal protection circuit.*

*The charger features a comprehensive LED indication of battery and charger status. It is fully automatic in operation and constantly monitors every process. The Freelancer can be powered via worldwide AC power or from a vehicle battery with the PAG Vehicle Battery Power Converter.*

**Easy to Operate**

PAG chargers are easy to operate and many feature a large backlit LCD screen, which provides battery voltage and charge loaded information.

**RFI Certification**

All PAG chargers are designed to high electrical standard, with RFI certification, and are suitable for use in all broadcast environments. PAG charging systems automatically adjust to operate from any AC mains supply worldwide.

Charger	Mfr / B&H #	Connectors	Special Features	Dimensions	Weight	Price
<b>PAG AR124PLD</b>	(Mfr # 9792; B&H # PAAR124PLD)	4x PAGlok connectors	Discharge	3.2 x 6.29 x 9.44"	2.7 lbs.	<b>1329.95</b>
<b>PAG AR124NPD</b>	(Mfr # 9793; B&H # PAAR124NPD)	4x NP1 pockets	Discharge	3.07 x 5.59 x 9.44"	2.35 lbs.	<b>1383.95</b>
<b>PAG PULSAR</b>	(Mfr # 9795; B&H # PA4CCS)	4x Snap-on compatible	Discharge & Talk Circuits	3.22 x 6.61 x 9.44"	2.7 lbs.	<b>1447.95</b>
<b>PAG QUASAR</b>	(Mfr # 9752; B&H # PAQCPP)	2x PAGlok connectors	Power Supply	5.3 x 7.3 x 2.8"	1.9 lbs.	<b>1233.95</b>
<b>PAG QUASAR</b>	(Mfr # 9753; B&H # PAQPSUS)	2x Snap-on compatible	Power Supply	5.3 x 7.3 x 2.8"	1.9 lbs.	<b>1233.95</b>
<b>PAG QUASAR</b>	(Mfr # 9726; B&H # PAQCP)	2x PAGlok connectors		5.3 x 7.3 x 2.8"	1.9 lbs.	<b>1039.95</b>
<b>PAG QUASAR</b>	(Mfr # 9727; B&H # PA2CCS)	2x Snap-on compatible		3.15 x 5.31 x 7.28"	1.85 lbs.	<b>1108.95</b>
<b>PAG Freelancer</b>	(Mfr # 9613; B&H # PAF2CCP)	2x PAGlok connectors		4.4 x 2 x 5.25"	1.0 lb.	<b>472.95</b>

## V4-iPC



### 4-Channel Charger with Intelligent Parallel Charging

A low-cost, four-channel, simultaneous fast-charger for PAG and Sony V-Mount Li-Ion and NiMH batteries, the V4-iPC is both quiet and cool-running, has a light-weight impact-resistant construction, and can be carried with batteries connected.

The high-power V4-iPC is capable of supplying 6A at 16.8v (100W approx.).

Charging is fast, efficient and fully-automatic thanks to its unique Intelligent Parallel Charging, which incorporates three phases:

**Phase 1 - Pre-Charge:** prepares shutdown or deeply discharged batteries for charge acceptance; **Phase 2 - Testing:** determines the type and state-of-charge of the batteries, and the maximum current that can be applied, and **Phase 3 - Charging:** the charger then shares the current intelligently between the channels, achieving a similar state-of-charge in each of the batteries connected before fully-charging them as quickly and efficiently as possible. The V4-iPC's large, backlit LCD screen provides a continually updated display of battery and charger status, indicating which batteries are receiving charge. It is capable of receiving any firmware updates externally, such as upgrades to enable the charging of other cell-chemistries. The latest PFC power supply technology enables the charger to be powered from any AC power supply, worldwide.

Charger	Mfr / B&H #	Connections	Size	Weight	Special Features	Price
V4-iPC Charger	(Mfr # 9700V)	4x V-Mount connectors	6.3" x 7.3" x 11.6"	4.1 lbs.	Intelligent Parallel Charging	Call
V2 Charger	(Mfr # 9613V)	2x V-Mount connectors	2.8" x 4.4" x 5.6"	0.9 lbs.		Call

## V2 Low-Cost, 2-Channel V-Mount Charger

An ultra-compact, economical 2-channel charger for for PAG and Sony V-Mount Li-Ion and NiMH batteries, the V2 has a tough, lightweight molded-construction that makes it ideal for travel or as a back-up charger. Only slightly larger than an L95 V-Mount battery, it easily fits in your camera bag. It incorporates two V-Mount connectors and sequentially charges PAG and Sony V-Mount Li-Ion batteries.

It features PAG ACS software which extends the cycle life of your batteries, and a Recovery Charge Program that automatically recovers the PAG Li-Ion battery when the output has been shut down by the internal protection circuit. The charger is fully automatic and monitors every process. It features a comprehensive LED indication of battery and charger status. Can be powered from almost any worldwide AC power supply, or from a vehicle battery with PAG's Vehicle Battery Power Converter.



## 30v AR Series Chargers

The 30v range of AR Series is optimized to fast-charge 24v and 30v Ni-Cd battery belts and packs of any manufacture, via front XLR-4 sockets. A 30v 7Ah battery will be fast-charged in less than 2 hours.



**AR301** (Mfr # 9763; B&H # PAAR301)  
A single-channel auto-ranging fast-charger. Features include recovery charge, maintenance charge and worldwide operation. 3.07" x 5.59" x 9.44", it weighs 2.35 lbs..... **1262.95**



**AR304** (Mfr # 9765; B&H # PAAR304)  
A 4-channel auto-ranging fast-charger. Features include recovery charge, maintenance charge and worldwide operation. 3.07" x 5.59" x 9.44", it weighs 2.35 lbs..... **1573.95**

## PAGBELT IC2



## Professional Battery Belts

For over 25 years, Pagbelts have been the battery belts against which all others have been judged. Fashioned from top quality, deep molded leather, Pagbelts have a legendary reputation for quality and craftsmanship. Designed and built under the strictest quality-control systems, only the highest quality materials and time-proven manufacturing techniques are used. Pagbelts are guaranteed to give a long and effective service life, even under the most demanding conditions — and the Pagbelt IC2 is no exception. The latest generation of Pagbelts, the IC2 belts feature specially

selected NiCad cells, automatic low voltage cut-off, dual 4-pin XLR connectors, and they incorporate a fully isolated, 14-hour, integral charger. In addition, all belts have a quick-release buckle, and the higher capacity belts come complete with a shoulder harness. There are eleven IC2 Pagbelts available, covering five voltages from 12v to 30v, and three capacities from 5ah to 10ah.

## FEATURES

- ◆ Specially selected NiCad cells of superior quality provide excellent voltage hold-up characteristics and, therefore, extended running time.
- ◆ Automatic low voltage cut-off prevents cell damage, which can result when overcharging occurs. The Over Discharge Protect, or 'ODP' circuit, is manually reset by simply pressing the 'ODP' reset button. This ensures that the zero load after full discharge is maintained. A resettable thermal protection system is also incorporated as an additional safety feature.
- ◆ All IC2 Pagbelts have two 4-pin XLR output connectors and a 10A fuse to protect them from accidental short circuit. A spare fuse holder is situated next to the active fuse holder, enabling a fuse change to be made quickly, if required.
- ◆ They have a quick-release buckle and fully adjustable strap. The heavier belts have provision for a clip-on webbing shoulder harness (included), which has the same style quick-release buckles and fully adjustable straps, providing added support and comfort during long periods of activity.
- ◆ The Pagbelt IC2 incorporates a fully isolated, fourteen hour integral charger. Built with operational safety features as a prime consideration, the lightweight charger features advanced electronics and fully isolated switch-mode technology, and it is encased in a tough injection molded nylon housing. The result is the safest and most sophisticated battery belt available today.
- ◆ The charger accepts a wide range of inputs worldwide, from 100v to 250v AC, 50 Hz to 60 Hz.

Charger	Mfr / B&H #	Voltage	Capacity	Weight	Price
Pagbelt IC2	(Mfr # 9287; B&H # PAPB1260)	12v	5Ah	5.3 lbs.	904.95
Pagbelt IC2	(Mfr # 9288; B&H # PAPB13.266)	13.2v	5Ah	5.5 lbs.	944.95
Pagbelt IC2	(Mfr # 9290; B&H # PAPB24120)	24v	5Ah	8.4 lbs.	1529.95
Pagbelt IC2	(Mfr # 9291; B&H # PAPB30150)	30v	5Ah	10.8 lbs.	1694.95
Pagbelt IC2	(Mfr # 9292; B&H # PAPB1284)	12v	7Ah	7.5 lbs.	1614.95
Pagbelt IC2	(Mfr # 9293; B&H # PAPB13.291)	13.2v	7Ah	7.9 lbs.	1348.95
Pagbelt IC2	(Mfr # 9294; B&H # PAPB14.498)	14.4v	7Ah	7.9 lbs.	1433.95
Pagbelt IC2	(Mfr # 9295; B&H # PAPB24168)	24v	7Ah	11 lbs.	2019.95
Pagbelt IC2	(Mfr # 9296; B&H # PAPB30210)	30v	7Ah	12.3 lbs.	2322.95
Pagbelt IC2	(Mfr # 9297; B&H # PAPB12120)	12v	10Ah	10.8 lbs.	1645.95
Pagbelt IC2	(Mfr # 9298; B&H # PAPB13.2130)	13.2v	10Ah	11.7 lbs.	1733.95
Pagbelt NMH	(Mfr # 9368; B&H # PAPB13.2100)	13.2v	7.5Ah	6.2 lbs.	1439.95

## PAGLIGHT

### Versatile 12v Broadcast Camera Light

Elegantly styled, Paglight's proportions blend perfectly with the latest professional broadcast cameras. It's unique patented design makes it the coolest running and most versatile camera light in the business. The plug-in lampholder system enables the Paglight to work as either a halogen or metal-halide arc light, with variants of wattages and unit types to be exchanged without handling the lamp. And with the Paglight system, you can purchase a 'basic' model, comprising the Paglight and a standard halogen lampholder, and then add components, such as the PowerArc, and build the ultimate ENG lighting kit.



## PAGLIGHTS

**Paglight** (Mfr # 9964 • B&H # PAPLPP90)  
With 20" cable and PP90 connector .....**358.95**

**Paglight** (Mfr # 9956 • B&H # PAPLXLR)  
With 4-pin XLR connector .....**364.95**

**Paglight** (Mfr # 9965 • B&H # PAPLAB)  
With snap-on connector (Power-Tap) ....**289.95**

**Paglight** (Mfr # 9966 • B&H # PAPLVM): With Sony SX  
connector (Power-Tap, 6" cable) .....**358.95**

**Paglight** (Mfr # 9944 • B&H # PAPLPP90SS)  
With PP90 connector and Softstart .....**381.95**

**Paglight** (Mfr # 9945 • B&H # PAPLSS)  
With snap-on connector and Softstart...**381.95**

**Paglight** (Mfr # 9946 • B&H # PAPLPP90PMV): With  
PP90 connector, PowerMax, Varilux .....**496.95**

**Paglight** (Mfr # 9947 • B&H # PAPLXLRPMV): With 4-  
pin XLR connector, PowerMax, Varilux ..**496.95**

**Paglight** (Mfr # 9948 • B&H # PAPLSPMV): With snap-  
on connector, PowerMax, Varilux .....**496.95**



## PAGLIGHT POWER-ARC FIELD KITS

Paglight PowerArc Field Kits include a Paglight, a choice of power base, a standard lamp holder with lamp, a Power Arc unit and protector with Arc lamp, a Rotatable Accessory Kit (which includes an accessory holder, a pair of parallel barndoors, a dichroic filter and a diffuser), tapered barn doors, PowerArc conversion filter, handle, camera clamp, camera shoe plate, stud adapter, and a fitted flight case.

**Paglight Power-Arc Kit** (Mfr # 9825PP90; B&H # PAPAPP90FK)  
With PP-90 connector .....**1299.95**

**Paglight Power-Arc Kit** (Mfr # 9825SNAPON; B&H # PAPASOFK)  
With snap-on connector .....**1299.95**

**Paglight Power-Arc Kit** (Mfr # 9825SONYSX; B&H # PAPASXFK)  
With snap-on connector for Sony SX .....**1299.95**

**Paglight Power-Arc Kit** (Mfr # 9825XLR; B&H # PAPLXLRFK)  
With 4-pin XLR .....**1299.95**

## Plug-in Lamp Holders for Paglight

These interchangeable units fit into the back of the lamp body enabling variants of unit type or wattage to be changed without changing the bulb.

**Standard Lamp Holder** (Mfr # 9950 • B&H # PALHPL)  
Accepts 20W, 35W, 50W, 75W and 100W halogen bulbs .....**79.95**

**SoftStart Lamp Holder** (Mfr # 9938 • B&H # PASLHPL)  
Prevents the cold lamp start-up surge from activating the overcurrent protection circuits within Li-Ion batteries. (Not required when using a Sony lamp output) .....**102.95**

**PowerArc** (Mfr # 9958 • B&H # PAPMCL)  
Enables the Paglight to be instantly converted to a metal-halide (HMI) arc light. The PowerArc uses a 24 watt bulb but provides the equivalent of 100W of daylight output, while consuming a total of 31W.....**218.95**

**PowerMax Control / VariLux** (Mfr # 9955 • B&H # PAPAPL)  
12v on-board halogen lamps are over-run when powered by 13.2v or 14.4v camera batteries. The result is dramatically reduced run time, shortened filament life, and incorrect color temperature. To counter this, the PowerMax Control unit regulates the voltage to 12v, regardless of battery voltage. This provides a constant and correct color temperature while extending battery run time by as much as 25%, and dramatically improving lamp filament life. The VariLux feature enables you to control or 'dim' the light output, which unlike other systems, further conserves battery power. This unit can be used with all PAG 12v halogen lamps from 20W up to 100W .....**509.95**

## PAGLIGHT

## Lamps for Standard, SoftStart, and PowerMax Holders

<b>20w Lamp</b> (Mfr # 9930; B&H # PAL20PL) .....	<b>17.95</b>
<b>35w Lamp</b> (Mfr # 9931; B&H # PAL35PL) .....	<b>16.95</b>
<b>50w Lamp</b> (Mfr # 9912; B&H # PAL50PL) .....	<b>16.95</b>
<b>75w Lamp</b> (Mfr # 9932; B&H # PAL75PL) .....	<b>17.95</b>
<b>100w Lamp</b> (Mfr # 9911; B&H # PAL100PL) .....	<b>17.95</b>

## 6v Lamp for PowerArc

<b>24w PowerArc Lamp</b> (Mfr # 9967; B&H # PALAPL) For PowerArc 9958 .....	<b>179.95</b>
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## Accessories

<b>Lamp Protector</b> (Mfr # 9968; B&H # PALPPL) ...	<b>21.95</b>
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<b>Rotating Accessory Kit</b> (Mfr # 9959; B&H # PARAKPL): Comprised of a rotatable accessory holder, a pair of parallel barndoors, dichroic filter and a diffuser .....	<b>218.95</b>
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<b>Rotating Accessory Holder</b> (Mfr # 9953; B&H # PARAHPL): Can hold one set of barndoors and two filters at the same time .....	<b>39.95</b>
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<b>Dichroic Filter</b> (Mfr # 9951; B&H # PAFDPL): Fits on the rotating accessory holder and is able to work in conjunction with barndoors. Dichroic filters change 3200K halogen lights into 5600K daylight balanced lights .....	<b>109.95</b>
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<b>White Diffuser</b> (Mfr # 9952; B&H # PADPL): Fits on the rotating accessory holder and can work in conjunction with other light controls.....	<b>44.95</b>
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<b>Parallel Barndoors</b> (Mfr # 9954; B&H # PABDPL): Mounts to the accessory ring of the Paglight and works in conjunction with other light controls. And because the accessory ring rotates, the barndoors can be positioned at a variety of angles .....	<b>57.95</b>
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<b>Tapered Barndoors</b> (Mfr # 9963; B&H # PABDTPL): Works in conjunction with the rotating accessory holder. They can close inward a little more than the parallel barndoors....	<b>57.50</b>
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<b>PowerArc Conversion Filter</b> (Mfr # 9973; B&H # PAFAPL): An orange filter that converts 5600K daylight balanced Arc lamp to 3200K for matching to tungsten balanced light....	<b>109.95</b>
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<b>Softlight Diffuser and Filter Kit</b> (Mfr # 9983; B&H # PASLDFS): For ultra-soft or color lighting effects. Allows you to mount diffusers and filters to the barndoors .....	<b>82.95</b>
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<b>Filter Holder</b> (Mfr # 9984; B&H # PA2FH): Fits onto the Paglight's barndoors and enables you to create soft, even lighting with diffuser screens, or color correction and lighting effects with color filters .....	<b>28.95</b>
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<b>Softlight Diffusion Filter Kit</b> (Mfr # 9979; B&H # PA6SD): A six-piece filter kit that works with the filter holder. They soften light intensity and create soft edges and shadows.....	<b>83.95</b>
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<b>Full CT Blue Filter Kit</b> (Mfr # 9980; B&H # PA6FCTB): A six-piece filter kit that raises color temperature of tungsten light output to match daylight .....	<b>65.95</b>
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<b>Half CT Orange Filter Kit</b> (Mfr # 9981; B&H # PA6HCTO): A six-piece filter kit that lowers color temperature of PowerArc output to match tungsten .....	<b>65.95</b>
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<b>Half CT Blue Filter Kit</b> (Mfr # 9982; B&H # PA6HCTB): A six-piece filter kit that raises the color temperature of tungsten 3200K to 5600K daylight color temperature .....	<b>65.95</b>
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## Power Base Cables

Allows the Paglight to be mounted on camera and be powered by a DC source.

<b>500mm PP90 Cable</b> (Mfr # 9957; B&H # PAPP90BPL) 500mm cable with PP90 connector .....	<b>69.95</b>
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<b>1m PP90 Cable</b> (Mfr # 9943; B&H # PAPP901MBPL) 1m cable with PP90 connector.....	<b>69.95</b>
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<b>150mm PP90 Cable</b> (Mfr # 9986; B&H # PAPLBPP90) 150mm cable with PP90 connector .....	<b>69.95</b>
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<b>1.5m XLR-4 Cable</b> (Mfr # 9960; B&H # PAXLRBPL) 1.5m cable with XLR-4 connector.....	<b>69.95</b>
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<b>500mm Snap-on Cable</b> (Mfr # 9961; B&H # PAABBPL) 500mm cable with snap-on connector....	<b>69.95</b>
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<b>150mm Sony SX Cable</b> (Mfr # 9962; B&H # PASVMBPL) 150mm cable with Sony SX connector....	<b>69.95</b>
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## Connector Plugs

<b>SX Connector Plug</b> (Mfr # 9671; B&H # PASXP): P-Tap and D-Tap connector used on Sony products such as SX cameras and Anton Bauer battery mounts .....	<b>35.50</b>
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<b>Base Locking Adapter</b> (Mfr # 9987; B&H # PABLA): For Paglight power bases.....	<b>12.95</b>
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<b>PAGlok Power-to-Light Adapter</b> (Mfr # 9991; B&H # PAPLC): Mounts to Paglight base with connection to PAGLok battery .....	<b>167.95</b>
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<b>Snap-on Power-to-Light Adapter</b> (Mfr # 9992; B&H # PAPLSO): Mounts to Paglight base with connection to snap-on battery.....	<b>167.50</b>
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## Universal Mounting Options

<b>Male-to-Male Stud Adapter</b> (Mfr # 9971; B&H # PASAMMPL): Enables mounting of Paglight to a camera or Camera Clamp .....	<b>9.95</b>
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<b>Camera Shoe Plate</b> (Mfr # 9972; B&H # PACSPPL): Enables mounting of Paglight to any camera equipped with an accessory shoe .....	<b>9.95</b>
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<b>Pag Handle</b> (Mfr # 9906; B&H # PAHPL): With a 1/4" Whit. stud that can be screwed directly into the Paglight base .....	<b>32.95</b>
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<b>Camera Clamp</b> (Mfr # 9807; B&H # PACCPCL): Attaches to Paglight base with stud adapter; enabling Paglight mounting to a handle or any other solid surface of similar size .....	<b>54.95</b>
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<b>Extender Arm</b> (Mfr # 9990; B&H # PAEA): Allows flexibility in the positioning of the Paglight when mounted on the camera.....	<b>172.95</b>
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<b>Wattage Label Kit</b> (Mfr # 9969; B&H # PAWLKPL): Color-coded wattage identification labels for Standard Lampholders.....	<b>12.95</b>
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<b>Female Thread Mount Adapter</b> (Mfr # 9974; B&H # PA3814TA): 3/8" to 1/4-20 adapter.....	<b>24.95</b>
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<b>Spigot Pin</b> (Mfr # 9975; B&H # PA1214SP): 1/2" light stand stud to 1/4-20 adapter .....	<b>36.95</b>
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<b>Spigot Pin</b> (Mfr # 9976; B&H # PA5814SP): 5/8" stud to 1/4-20 adapter .....	<b>56.95</b>
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<b>Multi-Configuration Spigot Adapter</b> (Mfr # 9977; B&H # PAMCSA): 5/8", 1/2" and 1/4" diameter in-line or 90° conversion .....	<b>122.95</b>
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<b>Spigot Adapter</b> (Mfr # 9985; B&H # PA1214SA): 1/4" to 1/2" light mount adapter .....	<b>34.95</b>
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<b>Universal Mounting Adapter Kit</b> (Mfr # 9978; B&H # PAMAK): Comprised of the following Paglight mounting adapters: 9971, 9974, 9975, 9976 and 9977 .....	<b>239.95</b>
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## PAGLIGHT M

### Miniature Light for Smaller Digital Camcorders

An ultra-compact 12v light that embodies many features of the larger Paglight. Designed specifically for use with smaller digital camcorders, this miniaturized version of the Paglight can be powered from a range of 12v to 14.8v battery packs and belts. A plug-in lampholder system makes lamp changing quick and easy. A choice of standard or Softstart lampholders are available.

Paglight M is constructed from a glass-reinforced engineering polymer that provides strength and temperature stability. It's patented design ensures that the Paglight M is cool-running at all times. Paglight M is continuously focusable from spot to flood with an even spectral distribution.



#### Plug-in Lampholders

The plug-in lampholder system makes lamp changing quick and easy. A choice of standard or Softstart lampholders is available.

Softstart prevents the cold lamp start-up surge from activating the over-current protection circuits within Li-Ion batteries.

Both lampholders utilize 10W, 20W and 35W standard G4-size 12v halogen lamps. Wattage variants can be changed without the need to handle the lamp. When not in use, each lampholder can be stored in a heat-resistant polymer lamp protector. Lampholders are supplied with wattage identification labels.

#### Rotatable Accessory Ring

A rotatable accessory ring can be fitted to the front of the light, which accommodates snap-in barndoors, a dichroic filter, and a diffuser.

#### Softlight Diffuser and Filter Kit

This useful accessory fits onto the barndoors and enables you to create super-soft lighting or special effects with colour gelatine filters.

#### Paglight Power Bases

Paglight M incorporates a hot-shoe type power base with a flying lead. A variety of connectors is available, suitable for most camcorders. With a 1/4" thread, the power base allows the unit to be mounted to the camera via a variety of universal mounting options.

There are also adapters available to power the Paglight M with a PAGlok or Snap-on compatible battery. A convenient way of powering and positioning an additional light source on location.

### Paglight M Configurations

<b>Paglight M</b> (Mfr # 9001; B&H # PAPMPP990): With PP90 connector.....	<b>332.95</b>
<b>Paglight M</b> (Mfr # 9001L; B&H # PAPMPP990Q): With 1.5 meter and PP-90 connector.....	<b>342.95</b>
<b>Paglight M</b> (Mfr # 9002; B&H # PAPMLR4): With 4-pin XLR connector.....	<b>332.95</b>
<b>Paglight M</b> (Mfr # 9003; B&H # PAPMSO): With snap-on connector.....	<b>332.95</b>
<b>Paglight M</b> (Mfr # 9004; B&H # PAPMSX): With snap-on connector for Beta SX.....	<b>332.95</b>

### Paglight M PowerArc

The PowerArc is an HMI plug-in unit that makes the Paglight M the industry's most powerful professional daylight balanced camera light for its size. The PowerArc uses a 24W lamp which has an output equivalent to 100W halogen light, but at daylight color temperature. The quality and projection of the light output is far greater than anything that can be achieved using LED lights, and yet the power consumption is relatively low. The



PowerArc Conversion Filter (9023), can be used to convert the PowerArc color temperature to match that of tungsten light sources. Approximately 80W of tungsten light would be required to match this output - too much for normal Li-Ion batteries to be considered as a power source. However, the PowerArc lamp only consumes 24W and can therefore be powered from Li-Ion batteries.

<b>PowerArc</b> (Mfr # 9022 • B&H # PAPA): Enables the Paglight M to be instantly converted to metal-halide (HMI) arc light.....	<b>539.95</b>
<b>Lamp for PowerArc</b> (Mfr # 9025 • B&H # PAAL): Arc Lamp 24W for PowerArc 9022.....	<b>184.95</b>
<b>PowerArc Conversion Filter</b> (Mfr # 9023): An orange filter that converts 5600K daylight balanced arc lamp to 3200K for matching to tungsten balanced light.....	<b>CALL</b>

# PAGLIGHT M ACCESSORIES

## Lamps

- 10w Lamp** (Mfr # 9018; B&H # PALPM12VZ) .....**12.95**
- 20w Lamp** (Mfr # 9019; B&H # PALPM12VQ) .....**12.95**
- 35w Lamp** (Mfr # 9020; B&H # PALPM12V) .....**12.95**
- Lamp Protector** (Mfr # 9021; B&H # PALPPM).....**19.95**

## Light Controls

**Rotating Accessory Kit** (Mfr # 9007; B&H # PARAKPM): Consists of accessory holder, pair of barndoors, dichroic filter and diffuser.....**128.95**

**Rotating Accessory Holder** (Mfr # 9008; B&H # PARAHPM): Accepts a variety of accessories including barn doors and filters .....**17.95**

**Dichroic Filter** (Mfr # 9009; B&H # PADFPM): Fits on the rotating accessory holder to accommodate a range of snap-in accessories .....**69.95**

**Diffuser** (Mfr # 9010; B&H # PADPDM): Fits on the rotating accessory holder to accommodate a range of snap-in accessories.....**23.95**

**Tapered Barndoors** (Mfr # 9011; B&H # PABPM): Mounts to the accessory ring to offer good light control for specific applications.....**23.95**

## Adapters and Cables

**PAGlok Power-to-Light Adapter** (Mfr # 9994; B&H # PAPLMC): Mounts to Paglight M base with connection to PaGlok battery .....**167.95**

**Snap-on Power-to-Light Adapter** (Mfr # 9995; B&H # PAPMASO): Mounts to Paglight M base with connection to snap-on battery .....**167.95**

**Standard Lamp Holder Kit** (Mfr # 9016; B&H # PALPM): Contains a lamp holder capable of holding 10, 20 and 35 watt lamps, a lamp protector for kit transit and a label kit for easy lamp recognition .....**65.95**



**Softstart Lamp Holder** (Mfr # 9017; B&H # PASLPM): Contains a lamp holder capable of holding 10, 20 and 35 watt lamps, a

lamp protector for kit transit and a label kit for easy lamp recognition .....**87.95**

**PAG Softlight Diffuser & Filter Set** (Mfr # 9983; B&H # PAMAK): For ultra-soft or color lighting effects. It offers the advantage of mounting diffusers and filters to the barndoors.....**82.95**

## Power Base Cables

Allows the Paglight to be mounted on camera and be powered by a DC source.

- 500mm PP90 Cable** (Mfr # 9012; B&H # PAPBPP90PM) 500mm cable with PP90 connector .....**54.95**
- 1m XLR-4 Cable** (Mfr # 9013; B&H # PAPLBPP90) 1m cable with XLR-4 connector .....**62.50**
- 1.5m PP90 Cable** (Mfr # 9996; B&H # PAPBPP90PMQ) 1.5m cable with PP90 connector.....**63.95**
- 500mm Snap-on Cable** (Mfr # 9014; B&H # PAPBCPM) 500mm cable with snap-on connector.....**62.50**



## Universal Paglight Mounting Options

These useful accessories enable any Paglight (Paglight, Paglight M and Paglight C6) to be mounted to any camera, tripod, lighting rig or gaff grip.

- Male-to-Male Stud Adapter** (Mfr # 9971; B&H # PASAMMPL) .....**9.95**
- Camera Shoe Plate** (Mfr # 9972; B&H # PACSPPL) .....**9.95**
- Extender Arm** (Mfr # 9990; B&H # PAEA): Lifts the Paglight clear of the microphone, and allows the subject to be lit from the side. Includes shoes for Sony and Panasonic mounts.....**172.95**
- Camera Clamp** (Mfr # 9807; B&H # PACCL): To clamp the Paglight to the handle of the camera ....**54.95**
- Handle Stud-to-Bush** (Mfr # 9906; B&H # PAHPL): Designed to attach to the Paglight and be utilized as a handle. Features a 1/4-20 attachment and measures 5" (127mm) in length .....**32.95**
- Spigot Adapter** (Mfr # 9985; B&H # PA1214SA): Adapts a 1/2" light stand stud to a 1/4" light stand mount and vice versa .....**44.95**
- 3/8"-to-1/4" Thread Adapter** (Mfr # 9974; B&H # PA3814TA) .....**24.95**
- Spigot Pin** (Mfr # 9976; B&H # PA5814SP): 5/8" light stand stud to 1/4-20 adapter .....**56.95**
- Multi-Configuration Spigot Adapter** (Mfr # 9977; B&H # PAMCSA): Allows adaptation of various light stand studs to Paglight illumination products. It supports 5/8", 1/2" and 1/4" diameter in-line or 90° conversion .....**122.95**
- Universal Mounting Adapter Kit** (Mfr # 9978; B&H # PAMAK): Includes stud adapter, 3/8"-to-1/4" thread adapter, two spigot pins and multi-configuration spigot .....**239.95**

## PAGLIGHT C6

### Miniature 6v Lighting Kit

The limited choice of affordable, high-quality, on-board camera lighting for the new, smaller DV camcorders prompted PAG to develop a miniaturized version of its professional Paglight, the camera top-light that can be seen in action on TV news bulletins every night. This broadcast-quality camcorder light incorporates many features of the professional Paglight, including a focusable beam angle, and a patented system that makes lamp changing quick and easy. Designed to complement available light as a 'fill' or 'front light', the Paglight C6 will bring your images out of the shadows, enhance the colors and give your videos that professional touch.



**Paglight C6** (Mfr # 1001; B&H # PAPLC6K): Includes a Paglight C6, a plug-in lampholder and 20W lamp, accessory ring, daylight filter, diffuser, and barndoors, camera shoe plate, 6v 7Ah PowerPack with shoulder strap, and power charger.....**379.95**

### FEATURES

- ◆ Constructed from a glass-reinforced engineering polymer that provides strength and temperature stability. PAG's patented design ensures the C6 is cool-running.
- ◆ The beam angle is fully-focusable, with a smooth transition from spot to flood and an even spectral distribution.
- ◆ The plug-in lampholder system makes lamp changing quick and easy. Wattage variants can be changed without the need to handle the lamp. When not in use, lamp-holders can be stored in a heat-resistant lamp protector.
- ◆ A rotatable accessory ring is fitted to the front of the light, which accommodates barndoors, a dichroic filter, and a diffuser.
- ◆ C6 can be adjusted vertically and horizontally, and locked in position. Included square shoe plate allows the unit to be mounted to camcorders with an accessory shoe.
- ◆ C6 base incorporates a 1/4" Whitworth bush. This enables the light to be used with other mounting options. The C6 base is fitted with a flying lead terminated with a professional-quality latching connector for connection to the C6 PowerPack.
- ◆ Powered from its own 6v 7Ah nicad power pack. This rechargeable battery, weighing only 18 oz. has a detachable shoulder strap. The battery, when fully charged, will provide 2-1/4 hours of run-time with a 20W lamp.
- ◆ Supplied 100-240v AC charger will charge the battery in 3-4 hours. It will automatically recover the battery prior to fast-charging, if it has been deeply discharged.

### C6 Lamps

- 10w Lamp** (Mfr # 1010 • B&H # PAL10PLC6).....**26.95**  
**20w Lamp** (Mfr # 1011 • B&H # PAL20PLC6).....**12.95**  
**30w Lamp** (Mfr # 1012 • B&H # PAL30C6) .....**39.50**

**Lampholder and Protector** (Mfr # 1009 • B&H # PALPLC6): Allows you to easily change the lamps in the light housing for various applications. The lamp protector protects spare lamps from damage .....**47.95**

### Accessories for C6

**C6 Power Pack** (Mfr # 1008N • B&H # PAPPLC6): Designed for the C6. A detachable shoulder strap enables the battery to be worn on your belt or trouser waistband .....**169.95**

**Power Charger** (Mfr # 1002 • B&H # PAPCPLC6): Works with the 6 VDC NiCd power pack that comes with the Paglight C6 kit.....**103.95**

**Rotating Accessory Holder** (Mfr # 1016 • B&H # PARARPLC6): Accepts a variety of accessories including barn doors and filters.....**14.95**

**Dichroic Filter** (Mfr # 1013 • B&H # PADFPLC6): Fits on the rotating accessory holder to accommodate a range of snap-in accessories.....**64.50**

**Diffuser** (Mfr # 1014 • B&H # PADPLC6): Fits on the rotating accessory holder to accommodate a range of snap-in accessories .....**21.95**

**Replacement Barndoor** (Mfr # 1019 • B&H # PASB-PLC6): A single replacement barndoor.....**9.95**

**Short Extender Arm** (Mfr # 1020 • B&H # PAEASPLC6): Allows the C6 light and another accessory such as a microphone to be mounted to the camcorder shoe.....**29.95**

**Accessory Bracket** (Mfr # 1021 • B&H # PAMBPLC6): For camcorders without an accessory shoe. It can be fitted to the 1/4-20 bushing on the base of the camcorder .....**36.95**

**Belt Clip** (Mfr # 1022 • B&H # PABCPCLC6): Enables the battery to be worn on the users belt or trouser waistband. ....**25.95**

**DC Adapter** (Mfr # 1023/01 • B&H # PADACXL1C6): Canon XL1 to C6 plug.....**149.50**

**DC Adapter** (Mfr # 1023/02 • B&H # PADASDR20C6): Sony DSR200 to C6 plug .....**154.50**

**DC Adapter** (Mfr # 1023/03 • B&H # PADASPD150C6): Sony PD150 to C6 plug .....**154.50**

**DC Adapter** (Mfr # 1023/04 • B&H # PADAPDVX100C6): Panasonic DVX100E to C6 plug .....**154.50**

**DC Adapter** (Mfr # 1023/05 • B&H # PADASFX1C6): Sony HDR-FX1/Z1 to C6 plug .....**154.50**

**PAG Softlight Diffuser & Filter Set** (Mfr # 9983 • B&H # PAMAK): For ultra-soft or color lighting effects. It offers the advantage of mounting diffusers and filters to the barndoors.....**82.50**

### BATTERIES & CHARGERS

#### SL-50 7.4v 50WH Battery Pack

Coupled with the Series 7 camcorder mount system, the SL-50 will power most available camcorders as well as offer a considerable upgrade in runtime compared to OEM model DV battery offerings. In some cases, the SL-50 will operate a camcorder 50% longer. With an S7 lighting adapter, the SL-50 will run a camcorder and the XD-L56S on camera light for up to 4 hours. For Sony users, the SL-50 is equipped with a compatible info lithium protocol to display the remaining operating time.

**SL-50 7.4v 50WH Battery Pack** (Mfr # SL50; B&H # SESL50) .....**99.95**



#### BCL Series Chargers

The BCL-1 is a single-position microprocessor-based battery charger that provides super fast charging. It can charge a single Panasonic CGR series, Sony L-Series, or Series 7 SL-50 battery to full capacity in under 3 hours.



It features all-metal construction, a 3-stage charge program with LED indicators, and a

convenient 12v DC input that allows it to be powered from numerous power sources.

**Quick Charger** (Mfr # BCL1; B&H # SEBCL1)  
For SL-50 batteries .....**119.95**

**Quick Charger** (Mfr # BCL1S; B&H # SEBCL1S)  
For Sony NPF batteries .....**129.95**

**Quick Charger** (Mfr # BCL1P; B&H # SEBCL1P)  
For Panasonic CGR-D54 batteries .....**129.95**

#### Series 7 Adapter Plates

Series 7 adapter plates (available for Sony, Panasonic, Canon, JVC) are high impact, low profile ABS molded plastic conversion plates. These plates allow you to convert your camcorder's existing battery mount to a Series 7 mount—providing the convenience of one battery system powering multiple camcorders. The plate locks in to the battery compartment like a normal battery, while the locking detent system allows you to easily attach and detach the Series 7 SL-50 battery as you would any other battery. It also lets you simultaneously power the XD-L56 light for up to 4 hours with the camcorder.



#### XD-L56 LED Light

The XD-L56 is an ultra lightweight, on-camera light designed for both DV and HDV camcorders. Incorporating LED light technology, the XD-L56 draws 6w while outputting the equivalent of 20w of daylight balanced 5600°K light. The light comes standard with both 1/4 20 thread and hot shoe mounting options. Available with a Sony L-Series Battery Sled (XD-L56S) or Panasonic CGR Battery Sled (XD-L56P), but can also be used with any of the Series 7 Lighting Adapters.

**XD-L56S LED light for Sony L-Series Battery Sled** (Mfr # XD-L56S; B&H # SEXDL56S) .....**249.95**

**XD-L56P LED light for Panasonic CGR Battery Sled** (Mfr # XD-L56P; B&H # SEXDL56P) .....**244.95**

#### Series 7 Adapter Plates and Lighting Adapters

**S7-SHD** (B&H # SES7SHD): Adapter plate converts L-Series mount to S7 mount .....**24.95**

**S7-SHD-L** (B&H # SES7SHDL): Same as above, plus it includes a light cable to power either the XD-L56S or XD-L56P .....**44.95**

**S7-PDVX** (B&H # SES7PDVX): Adapter plate to convert CGR -type mount to S7 mount ...**24.95**

**S7-PDVX-L** (B&H # SES7PDVXL): Same as above, plus it includes a light cable to power either the XD-L56S or XD-L56P .....**44.95**

**S7-PHVX** (B&H # SES7PHVX): Adapter plate to convert HVX-200 CGR-type mount .....**24.95**

**S7-PHVX-L** (B&H # SES7PHVXL): Same as above, plus it includes a light cable to power either the XD-L56S or XD-L56P .....**44.95**

**S7-CGL** (B&H # SES7CGL): Adapter plate converts Canon GL-2 to S7 Mount .....**24.95**

**S7-CGL-L** (B&H # SES7CGLL): Same as above, plus it includes a light cable to power either the XD-L56S or XD-L56P .....**44.95**

**S7-CXLHL** (B&H # SES7CXLHL): Adapter plate to convert Canon XL Series to S7 Mount .....**24.95**

**S7-CXLHL-L** (B&H # SES7CXLHLL): Same as above, plus it includes a light cable to power either the XD-L56S or XD-L56P .....**44.95**

**S7-CAG1** (B&H # SES7CAG1): Adapter plate and light adapter to convert the Canon XH-A1 or XH-G1 to S7 mount so they accept the SL-50 and power the XD-L56S (only) .....**44.95**

**S7-JVC** (B&H # SES7JVC): Adapter plate to convert JVC GY-HD100U and GY-HD-110U cameras to S7 Mount .....**24.95**

**S7-JVC-L** (B&H # SES7JVCL): Same as above, plus it includes a light cable to power either the XD-L56S or XD-L56P .....**44.95**



### XP-L90 • XP-L130

#### 14.8v 95 WH and 130WH Lithium Ion Batteries

*Ideal for cameramen where power and weight is the highest priority, Switronix Li-Ion batteries can deliver 40% more capacity than comparably sized nicad batteries and are one of the lightest rechargeable batteries available today. They are also warrantied against defects in material and/or workmanship for 18 months.*

*Available with 3-stud Anton Bauer or Sony V-Mount, the XP-L90 (95 watt hours) and the XP-130 (130 watt hours) feature internal protection circuits that monitor cell balance, temperature, over charge and over discharge to insure safe and proper operation. They incorporate a power gauge with 4-stage LED indicator for quick capacity status indication in 25% increments. An integrated P-Tap on the side of the battery allows you to power virtually any 12v DC device from this port. Those who have cameras which limit the current output to the onboard tap can now simply tap into the battery directly. Their external case features a rubberized, shock absorbent non-slip shell that provides greater protection against the impacts sustained in everyday ENG usage. Last, they are also the highest capacity lithium ion battery packs that can be legally transported without restrictions under IATA, ICAO, and UN regulations. Otherwise the same, the XP-L130 is designed to meet the demands of heavy-duty power applications. It is identical in size to the XP-L90, with only 8 oz. of extra weight – yet has the power to run most camcorders for over 5 hours.*



#### **XP-L130S Battery Pack** (Mfr # XPL130S; B&H # SWXPL130S)

130 Wh (14.8v, 9.1Ah) V-type mount .....**469.95**

#### **XP-L130A Battery Pack** (Mfr # XPL130A; B&H # SWXPL130A)

130 Wh (14.8v, 9.1Ah) 3-stud mount.....**469.95**

#### **XP-L90S Battery Pack** (Mfr # XPL90S; B&H # SWXPL90S)

95 Wh (14.8v, 6.6Ah) V-type mount.....**349.95**

#### **XP-L90A Battery Pack** (Mfr # XPL90A; B&H # SWXPL90A)

95 Wh (14.8v, 6.6Ah) 3-stud mount .....**349.95**



### INTELLICOM 90/130/190

#### 14.8v 95 WH, 130WH and 190WH Lithium Ion Batteries with Fuel Computer

*Otherwise the same as the XP Series (above) the Intellicom lithium-ion batteries step up with an onboard fuel computer display. The backlit LCD displays your operating runtime in hours and minutes, a capacity bar grid and a percent capacity remaining. The battery's fuel computer samples the capacity and the discharge or charge load, recomputes and refreshes the display every 5 seconds. When the battery is not in use, the display calculates the time based on a 30w draw. When charging, the display shows remaining time. Internal microprocessor monitors it all, including ID#, cycle count, manufactured date. Performance is constantly monitored for specific charging instructions. Packing 190-watt hours in a compact battery*

*weighing just 4.2 lbs., the Intellicom 190 is designed for those who need or are used to a heavier battery, want to better balance heavy lenses, or simply want the longest run times available.*

#### **Intellicom XP-L190Si Battery Pack**

(Mfr # XPL190Si; B&H # SWXPL190Si)

190 Wh (14.8v, 13.2Ah) V-type mount .....**759.95**

#### **Intellicom XP-L190Ai Battery Pack**

(Mfr # XPL190Ai; B&H # SWXPL190Ai)

190 Wh (14.8v, 13.2Ah) 3-stud mount .....**759.95**

#### **Intellicom XP-L130Si Battery Pack**

(Mfr # XPL130Si; B&H # SWXPL130Si)

130 Wh (14.8v, 9.1Ah) V-type mount .....**599.95**

#### **Intellicom XP-L130Ai Battery Pack**

(Mfr # XPL130Ai; B&H # SWXPL130Ai)

130 Wh (14.8v, 9.1Ah) 3-stud mount.....**599.95**

#### **Intellicom XP-L90Si Battery Pack**

(Mfr # XPL90Si; B&H # SWXPL90Si)

95 Wh (14.8v, 6.6Ah) V-type mount.....**469.95**

#### **Intellicom XP-L90Ai Battery Pack**

(Mfr # XPL90Ai; B&H # SWXPL90Ai)

95 Wh (14.8v, 6.6Ah) 3-stud mount .....**469.95**

## PRO-X SERIES

### 2- and 4-Position Simultaneous MultiChemistry (NiCd, NiMH, Li-Ion) Chargers

All Pro-X Series brick chargers have the ability to charge all batteries simultaneously. Compared to some sequencing chargers, the Pro-X chargers can be up to four times faster. They charge XP and Intellicom batteries, as well as batteries of other manufacturers. The V-type models charge most of the nicad, NiMH and lithium ion batteries on the market today. The 3-stud chargers can safely charge many of the nicad and NiMH battery packs within the range of 12v to 14.8v. Designed to easily integrate into your current battery system, all chargers have a built-in 70w camera power supply. XC Digital chargers feature a large, backlit multifunction LCD which display charge status, battery type, serial number, charge current, chemistry, present temperature, voltage, charge/discharge cycles, battery capacity and date of manufacture.

### XC-2 & XC-4

- ◆ Newly-designed aluminum chassis provides a lower profile, sleeker look. Recessed under-chassis carry handle allows for easy transport.
- ◆ XC models are programmed with all the charge routines including the maintenance programs. Utilizing all charge routines, their charging efficiency is among the highest in the industry compared to other chargers.

**XC-2LS Charger:** Two-position V-type mount charger (Mfr # XC2LSN • B&H # SWXC2LSN).....**479.95**

**XC-2LA Charger:** Two-position 3-stud mount charger (Mfr # XC2LAN • B&H # SWXC2LAN).....**474.95**

**XC-4LS Charger:** Four-position V-type mount charger (Mfr # XC-4LS; B&H # SWXC4LS) .....**879.95**

**XC-4LA Charger:** Four-position 3-stud mount charger (Mfr # XC-4LA; B&H # SWXC4LA).....**879.95**



### XC-2 DIGITAL & XC-4 DIGITAL



Same as above, except the digital chargers are ideal for those who want quick and reliable charging, and the versatility of the multi-function back lit display. The front panel LCD of the XC-4 Digital is larger than the 2-position model, making it easier to monitor all four batteries at the same time.

**XC-2LSD:** Two-position V-type mount charger (Mfr # XC2LSDN • B&H # SWXC2LSDN).....**699.95**

**XC-2LAD:** Two-position 3-stud mount charger (Mfr # XC-2LAD; B&H # SWXC2LAD) .....**CALL**

**XC-4LSD:** Four-position V-type mount charger (Mfr # XC-4LSD; B&H # SWXC4LSD).....**1119.95**

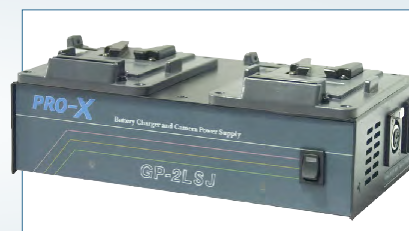
**XC-4LAD:** Four-position 3-stud mount charger (Mfr # XC-4LAD; B&H # SWXC4LAD).....**1119.95**

### Two-Position Simultaneous Chargers

A lightweight and compact, two-position MultiChemistry (Nicad, NiMH, Li-Ion) simultaneous charger that can fit inside a small camera bag. The trickle charge maintenance program ensures that the batteries are always at maximum capacity. These ideal field chargers includes a 50w 12v DC camera power supply to power field equipment from an AC power source.

**GP-2LSJ Charger** (Mfr # GP2LSJ; B&H # SWGP2LSJ)  
Two-position V-type mount charger.....**399.95**

**GP-2LAJ Charger** (Mfr # GP2LAJ; B&H # SWGP2LAJ)  
Two-position 3-stud mount charger.....**399.95**



### V-MOUNT ACCESSORIES

#### V-Mount Accessories

##### GPS V-Mount Plate (Mfr # GPS; B&H # SWGPS)

Mounts on to the camera to provide a quick and secure connection with V-type mount batteries. Includes a P-Tap port to power an on-board light.....**79.95**

##### XPS V-Mount Plate (Mfr # XPS; B&H # SWXPS)

The same as the above plus it adds a Data I/O connection and Automatic Light Control (ALC) circuit. When connected (check for camera compatibility) the light will automatically turn on/off in conjunction with the VTR record. Percent (%) capacity can also be conveyed to the EVF (electronic viewfinder) when using the Intellicom series batteries .....**99.95**

##### V-Mount Plate for JVC

##### GY-HD100U (Mfr # XPHD100S; B&H # SWXPHD100S)

Connects to the battery compartment of the JVC GY-HD100/110U cameras and mounts with 2 screws. The adapter plate offers a regulated 7.4v to power the camera as well as a 12v P-Tap to power an additional 12v accessory like an on-camera light. The plate also works with the optional wireless mic plate receiver .....**234.95**

##### V-Mount Hot Swap

##### / Dual Mount Adapter (Mfr # GPTS; B&H # SWGPTS)

Mounts directly to the camera's existing V-plate. Batteries are mounted side by side, so you can easily remove the depleted battery while leaving the other battery connected, so there is never any down time. It can provide up to 260WH at only 6 lbs.....**169.95**

##### Wireless Receiver

##### Mounting Bracket (Mfr # SGJST; B&H # SWSGJST)

Placed between the V-mount and camera, to allow a wireless receiver to be mounted on the side of the camera while not interfering with the battery. It cannot be used with the Hotswap Adapter .....**63.95**

##### 3-Stud to

##### V-Type Adapter (Mfr # AGPS; B&H # SWAGPS)

Allows the use of V-type batteries on 3-stud configured cameras. It also enables you to charge V-type batteries on PRO-X Series 3-Stud charging equipment .....**114.95**

##### V-Type Plate Belt Clip (Mfr # GPS12; B&H # SWGPS12)

A 12v powering option for 12-14v equipment. The heavy-duty, wide belt clip allows you to have V-type battery power at your disposal. A 12 VDC Power-Tap output is offered for on-camera lights .....**127.95**



##### Mobile Single Position Charger (Mfr # GPLS; B&H # SWGPLS)

Combines all the features of a single position V-type charger and a 12 VDC 90 watt camera power supply. It offers continuous power when a battery is mounted, even if AC is interrupted. Includes LED charge indication and a built-in 4-pin XLR output .....**399.95**

##### HDV/DV Camcorder P-Tap Cables

These versatile cables can be used in association with a Switronix accessory or used solo with a PRO-X Series lithium ion battery product. It features a regulated 7.4v battery paddle end for a HDV/DV camcorder with an in-line female P-Tap connector for 12v.

##### 20" P-Tap Cable for Sony HDV/DV

(Mfr # SCSHD20; B&H # SWSCSHD20) .....**124.95**

##### 20" P-Tap Cable for Panasonic HDV/DV

(Mfr # SCP20; B&H # SWSCP20) .....**104.95**

##### 20" P-Tap Cable for Canon HDV/DV

(Mfr # SCC20; B&H # SWSCC20) .....**104.95**

##### 48" P-Tap Cable for Sony HDV/DV

(Mfr # SCSHD48; B&H # SWSCSHD48) .....**124.95**

##### 48" P-Tap Cable for Panasonic HDV/DV

(Mfr # SCP48; B&H # SWSCP48) .....**109.95**

##### 48" P-Tap Cable for Canon HDV/DV

(Mfr # SCC48; B&H # SWSCC48) .....**109.95**

##### XD Light (Mfr # XD-L56S; B&H # SWXDL56S)

An ultra lightweight, on-camera light designed for both DV/HDV and industrial operation, the XD-L56s contains LED light technology, drawing 6w while outputting the equivalent of 20w of daylight balanced, 5600k light. A built-in sled accepts Sony L-Series batteries, running up to 6 hours from one large capacity battery. A DC input accepts from 7-17v with the included 24" P-Tap cable. An articulating neck allows you to control where the light is positioned. The XD-L56s has both 1/4 20 thread and hot shoe mounting options.....**CALL**

##### XP Light

An ultra lightweight, compact 35w halogen on-camera light that is perfect for use as a fill-in or catchlight. The XP Light has a detachable base so you can remove the light head for transport. The double-hinged neck allows greater positioning and flexibility, including close-up and for bouncing light across a ceiling. It includes a flip down dichroic light filter for converting tungsten balanced color temperature (3200k) to daylight balanced color light (5600k), as well as barn doors. The XP Light has both 1/4 20 thread and hot shoe mounting options.

##### XP Light with 20" P-Tap Cable

(Mfr # XPL168; B&H # SWXPL168) .....**284.95**

##### XP Light with 48" 4-pin XLR Cable

(Mfr # XPL168X; B&H # SWXPL168X) .....**284.95**

## NP BATTERIES & ACCESSORIES

### NP Batteries

#### NP-50 NiMH Battery

An alternative to NP nicad battery packs, the NP-50's NiMH chemistry offers up to twice the runtime. Compatible with most NP chargers in the field, features "no-memory effect", internal protection circuit and built-in 4-stage LED power gauge.

- ◆ Internal protection circuit monitors temperature, and protects against over-charge with a self-resetting cut-off.
- ◆ 4-stage LED power gauge lets you quickly reference the charge status of the battery.
- ◆ High voltage design eliminates the chance of memory because the batteries are designed to operate between the camera's voltage range.

**NP-50** (Mfr # NP50; B&H # SWNP50) .....**119.95**

#### NP-L60 NiMH Battery

A lightweight, ultra-high capacity NP battery which can be used with existing cameras, monitors, and audio equipment without any necessary modifications. It features an internal protection circuit, an LED power gauge, "no-memory effect" and an integrated P-Tap power port. (It requires a PRO-X series charger for charging.)

- ◆ Internal protection circuit monitors temperature, and protects against over-charge with a self-resetting cut-off.
- ◆ 4-stage LED power gauge lets you quickly reference the charge status of the battery.
- ◆ High voltage design eliminates the chance of memory because the batteries are designed to operate between the camera's voltage range.

- ◆ Integrated P-Tap on the side of the battery allows you to power virtually any 12v DC device from this port. No longer will you need to rely on heavy, unreliable battery belts. You can connect your light to the power port and place the battery in your pocket.

- ◆ When packaged with an NP-BH NP holder, you can mount the battery behind the NP box and power both light and camera from two NP-L60 batteries.

- ◆ With the SP-2LJ charger, the battery can also be charged through the P-Tap port.

**NP-L60** (Mfr # NPL60; B&H # SWNPL60) .....**159.95**

### Two-Position NP-1 Type Simultaneous Charger

The NC-2LJ (2-position) and NC-4LJ (4-position) are lightweight and compact, NP-type Multi-Chemistry (Nicaid, NiMH, Li-Ion) simultaneous chargers that can fit inside a small camera bag. Trickle charge maintenance program ensures the batteries are always at maximum capacity. These ideal field chargers include a 50w 12v DC camera power supply to power field equipment from an AC power source. The NC-2LJ can charge two 50w batteries in 90 minutes, the NC-4LJ can charge four 50w batteries in the same time.

- ◆ Charge your batteries up to 4x faster by charging all your batteries simultaneously.
- ◆ They recognize and charge nicad, NiMH and lithium ion batteries. Can safely and completely charge most of the other manufacturers' battery products of comparable chemistries.

**NC-2LJ Charger** (Mfr # NC2LJ; B&H # SWNC2LJ)  
Two-position NP-1 type charger.....**349.95**

**NC-4LJ Charger** (Mfr # NC4LJ; B&H # SWNC4LJ)  
Four-position NP-1 type charger .....**549.95**



### Two-Position Charger for NP-L60 Batteries (Mfr # SP2LJ; B&H # SWSP2LJ)

An economical solution to full featured charging, the SP-2LJ charger will safely charge two NP-L60 batteries via the PTAP port on the battery in 3½ hours. Compact design and LED charge indication makes it the perfect solution to those on a budget.....**199.95**

### NP Handle Clamp (Mfr # NPL168; B&H # SWNPL168)

Clamps to your camera's handle and allows you to independently power a 12v light from an NP battery. It has a 12v DC P-Tap and a 1/4 20 thread to mount the light. When coupled with an SC cable, the unit can also power a camcorder.....**109.95**

### NP Handle Clamp with Firestore Holder (Mfr # NPL168FS; B&H # SWNPL168FS)

An NP handle clamp with a swivel ball head and Firestore hard drive holder. The swivel ball head rotates 360° to position the hard drive. The hard drive holder securely holds the unit while eliminating surface scratching. Requires 12" P-Tap-to-Firestore pin cable.....**189.95**

### NP Battery Holder (Mfr # NPBH; B&H # SWNPBH)

Mounts directly to your NP box, holding an additional NP battery for powering an on-board light. When used with an NP-L60, the P-Tap can be easily accessed. Additional mounting screws allow for piggy-backing or mounting a wireless receiver.....**CALL**

# VARIZOOM

## BATTERIES & CHARGERS

### 80WH + 80WH Split Style Lithium Ion Battery

The unique 14.4v S8170A/S have an innovative design that allows the battery to be divided to meet domestic and international transport restrictions, while still providing high capacity. Providing a light weight, and higher capacity alternative to NiMH and nicad batteries, each half of the battery is uniquely coded to match and utilizes a secure locking tab. Features include an intelligent control circuit for temperature, current and voltage protection with a 4-level LED power indicator.



**14.4v 160WH Split Style Lithium Ion Battery** With V-Lock mount  
(Mfr# S8170S • B&H# VAS8170S) .....**459.95**

**14.4v 160WH Split Style Lithium Ion Battery** With 3-stud mount  
(Mfr# S8170A • B&H# VAS8170A) .....**429.95**



### 14.4v Lithium Ion Battery Packs

Available in three power versions and two mounting styles, Varizoom's high-capacity, light-weight, no-memory design Li-Ion packs feature an intelligent control circuit for temperature, current and voltage protection. They also offer a 4-level LED power indicator.

**88WH Li-Ion** for Sony V-Lock Mount (Mfr # S8080S • B&H # VAS8080S) or Anton Bauer 3-Stud Gold Mount (Mfr # S8080A • B&H # VAS8080A) .....**289.95**

**126WH Li-Ion** for Sony V-Lock Mount (Mfr # S8110S • B&H # VAS8110S) or Anton Bauer 3-Stud Gold Mount (Mfr # S8110A • B&H # VAS8110A) .....**349.95**

**190WH Li-Ion** for Sony V-Lock Mount (Mfr # S8160S • B&H # VAS8160S) or Anton Bauer 3-Stud Gold Mount (Mfr # S8160A • B&H # VAS8160A) .....**459.95**

### 14.4v Digital Lithium Ion Battery Packs

Similar to Li-Ion series, but with digital interface that allows accurate monitoring of battery parameters, including real-time capacity, time to full charge, and charge cycle count through removable battery watch that conserves power, space, and cost. Via a digital interface and the D4200 detachable 'Battery Watch', monitor real-time capacity, log and control battery life for maximum power conservation and optimal performance. Also features an intelligent control circuit for temperature, current and voltage protection with a 4-level LED power indicator.



**88WH Digital Li-Ion** for Sony V-Lock Mount (Mfr # D8081S • B&H # VAD8081S) or Anton Bauer 3-Stud Gold Mount (Mfr # D8081A • B&H # VAD8081A) .....**249.95**

**126WH Digital Li-Ion** for Sony V-Lock Mount (Mfr # D8111S • B&H # VAD8111S) or Anton Bauer 3-Stud Gold Mount (Mfr # D8111A • B&H # VAD8111A) .....**399.95**

**190WH Digital Li-Ion** for Sony V-Lock Mount (Mfr # D8161S • B&H # VAD8161S) or Anton Bauer 3-Stud Gold Mount (Mfr # D8161A • B&H # VAD8161A) .....**524.95**



### 14.4v NiMH (Nickel Metal Hydride) Batteries

High quality NiMH battery packs for Sony V-Lock or Anton Bauer 3-Stud Gold Mount, they feature an intelligent control circuit for temperature, current and voltage protection with a 4-level LED power indicator.

**56WH Li-Ion** for Sony V-Lock Mount  
(Mfr # S5056S • B&H # VAS5056S)  
or Anton Bauer 3-Stud Gold Mount  
(Mfr # S5056A • B&H # VAS5056A) .....**209.95**

**115WH Li-Ion** for Sony V-Lock Mount  
(Mfr # S5115S • B&H # VAS5115S)  
or Anton Bauer 3-Stud Gold Mount  
(Mfr # S5115A • B&H # VAS5115A) .....**299.95**

# VARIZOOM

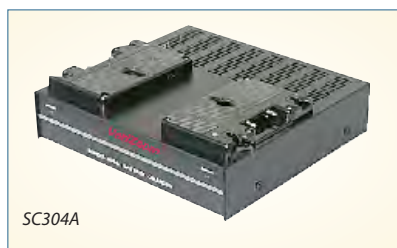
## BATTERIES & CHARGERS

### Dual Sequential Chargers

Portable, sequential chargers for VariZoom NiMH and Lithium-ion batteries, the 2-bay SC-302A and SC-3802A (A/B 3-Stud mount) and SC-302S and SC-3802S (V-Lock mount) are lightweight and compact, making them ideal for transport. The SC-302A and SC-3802A can also charge original Anton Bauer Gold Mount nicad and NiMH batteries, the SC-302S and SC-3802S can also charge original Sony V-Mount NiMH and lithium-ion batteries. Otherwise the same, the SC-3802A/S step up with a built-in 13.8v DC output via a 4-pin XLR to power equipment in the field.



- SC-302A** Sequential 2-Bay, Multi-Chemistry Charger with Anton Bauer 3-Stud Mount (Mfr # SC302A • B&H # VASC302A) ..... **334.95**
- SC-302S** Sequential 2-Bay, Multi-Chemistry Charger with Sony V-Type Mount (Mfr # SC302S • B&H # VASC302S) ..... **329.95**
- SC-3802A** Sequential 2-Bay, Multi-Chemistry Charger with Anton Bauer 3-Stud Mount and 13.8v DC Output (Mfr # SC3802A • B&H # VASC3802A) ..... **359.95**
- SC-3802S** Sequential 2-Bay, Multi-Chemistry Charger with Sony V-Type Mount and 13.8v DC Output (Mfr # SC3802S • B&H # VASC3802S) ..... **364.95**



SC304A

### Dual Simultaneous Charger

The 2-bay SC-304A (A/B 3-Stud Gold mount) and SC-304S (V-Lock mount) are tabletop, simultaneous chargers for VariZoom NiMH and Lithium-ion batteries. The SC-304A can also charge original Anton Bauer Gold Mount nicad and NiMH batteries, the SC-304S can also charge original Sony V-Mount NiMH and lithium-ion batteries.

- SC-304A** Simultaneous 2 Bay Charger - 3-Stud Anton Bauer Mount (Mfr# SC304A • B&H# VASC304A) ..... **349.95**
- SC-304S** Simultaneous 2 Bay Charger - V-Lock Sony Mount (Mfr# SC304S • B&H# VASC304S) ..... **369.95**

### Digital 4-Channel Charger

The D3004S (V-Lock) and D3004A (A/B 3-Stud) are digital 4-channel chargers that provide true 4 way independent charging - fast and more reliable. Large LCD readout for monitoring all batteries individually. Displays voltage, current, capacity and charging time of each channel. 'Optimize' feature extends Li-Ion battery life. The D3004A can also charge original Anton Bauer Gold Mount nicad and NiMH batteries, the D3004S can also charge original Sony V-Mount NiMH and lithium-ion batteries.

- D-3004A** Digital 4-Way Charger - 3-Stud Anton-Bauer Mount (Mfr# D3004A • B&H# VAD3004A) ..... **974.95**
- D-3004S** Digital 4-Way Charger - V-Lock Sony Mount (Mfr# D3004S • B&H# VAD3004S) ..... **974.95**



D3004A

### Varizoom Chargers— Compatibility with Other Brand Batteries

Other Brand Batteries	SC-302 / SC-304	SC-3004A / SC-302A	SC-304A / SC S-3802A	D-3004S / SC-302S	SC-304S / S-3802S
<b>Sony</b> NP Ni-cd Batteries	Yes	No	No	No	No
<b>Sony</b> V-Mount Ni-MH Batteries	NP-S	No	No	Yes	Yes
<b>Sony</b> V-Mount Li-ion Batteries	NP-S	No	No	Yes	Yes
<b>IDX</b> NP Ni-Cd Batteries	Yes	No	No	No	No
<b>IDX</b> NP Ni-MH Batteries	Yes	No	No	No	No
<b>IDX</b> NP Li-ion Batteries	No	No	No	No	No
<b>IDX</b> V-Mount Ni-MH Batteries	No	No	No	No	No
<b>IDX</b> V-Mount Li-ion Batteries	No	No	No	No	No
<b>Anton Bauer</b> Gold-Mt Ni-Cd Batteries	NP-A	Yes	Yes	No	No
<b>Anton Bauer</b> Gold-Mt Ni-MH Batteries	NP-A	Yes	Yes	No	No
<b>Anton Bauer</b> Gold-Mt Li-ion Batteries	No	No	No	No	No

### BATTERIES & CHARGERS

Complete Kits – Including Charger and Batteries

Kit	Charger	Batteries	Mount	Item #	Price
KL-8S	SC-302S Dual Portable	Two S-8080S Li-ion (88WH)	Sony V-Lock	Mfr# KL8S • B&H# VAKL8S	<b>786.95</b>
KL-8A	SC-302A Dual Portable	Two S-8080A Li-ion (88WH)	A/Bauer 3-Stud	Mfr# KL8A • B&H# VAKL8A	<b>799.95</b>
KL-12S	SC-302S Dual Portable	Two S-8110S Li-ion (126WH)	Sony V-Lock	Mfr# KL12S • B&H# VAKL12S	<b>926.95</b>
KL-12A	SC-302A Dual Portable	Two S-8110A Li-ion (126WH)	Anton Bauer 3-Stud	Mfr# KL12A • B&H# VAKL12A	<b>949.95</b>
KL-19S	SC-302S Dual Portable	Two S-8160S Li-ion (190WH)	Sony V-Lock	Mfr# KL19S • B&H# VAKL19S	<b>1099.95</b>
KL-19A	SC-302A Dual Portable	Two S-8160A Li-ion (190WH)	Anton Bauer 3-Stud	Mfr# KL19A • B&H# VAKL19A	<b>1099.95</b>
KN-5S	SC-302S Dual Portable	Two S-5056S Ni-MH (56WH)	Sony V-Lock	Mfr# KN5S • B&H# VAKN5S	<b>589.95</b>
KN-5A	SC-302A Dual Portable	Two S-5056A Ni-MH (56WH)	Anton Bauer 3-Stud	Mfr# KN5A • B&H# VAKN5A	<b>609.95</b>
KN-11S	SC-302S Dual Portable	Two S-5115S Ni-MH (115WH)	Sony V-Lock	Mfr# KN11S • B&H# VAKN11S	<b>749.95</b>
KN-11A	SC-302A Dual Portable	Two S-5115A Ni-MH (115WH)	Anton Bauer 3-Stud	Mfr# KN11A • B&H# VAKN11A	<b>749.95</b>
KD-8S	D-3004S 4-Channel	Four D-8081S Li-ion (88WH), Watch	Sony V-Lock	Mfr# KD8S • B&H# VAKD8S	<b>2154.95</b>
KD-8A	D-3004A 4-Channel	Four D-8081A Li-ion (88WH), Watch	Anton Bauer 3-Stud	Mfr# KD8A • B&H# VAKD8A	<b>2154.95</b>
KD-12S	D-3004S 4-Channel	Four D-8111S Li-ion (126WH), Watch	Sony V-Lock	Mfr# KD12S • B&H# VAKD12S	<b>2529.95</b>
KD-12A	D-3004A 4-Channel	Four D-8111A Li-ion (126WH), Watch	Anton Bauer 3-Stud	Mfr# KD12A • B&H# VAKD12A	<b>2529.95</b>
KD-19S	D-3004S 4-Channel	Four D-8161S Li-ion (190WH), Watch	Sony V-Lock	Mfr# KD19S • B&H# VAKD19S	<b>3019.95</b>
KD-19A	D-3004A 4-Channel	Four D-8161A Li-ion (190WH), Watch	Anton Bauer 3-Stud	Mfr# KD19A • B&H# VAKD19A	<b>3089.95</b>

#### DC Power Connector f/VariZoom Battery Mounts

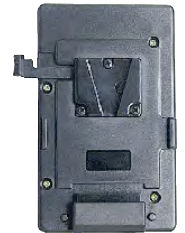
Use this power adapter cable to provide DC power to an on-camera light or other accessory from a VariZoom battery mount. Connects to the battery mount via D-tap connector and outputs power via a female mini-XLR. Cannot be attached while battery is mounted.



(Mfr# S7101 • B&H# VAS7101)..... **44.95**

#### Battery Mount Plate

Attach to your professional camera to provide power via V-Lock or 3-Stud batteries.



For 3-Stud mount batteries  
(Mfr# S7000A • B&H# VAS7000A) ..... **89.95**

For Sony V-Lock mount batteries  
(Mfr# S7000S • B&H# VAS7000S) ..... **89.95**

#### Wireless Receiver Mount

The wireless receiver mount clips onto the back of any VariZoom V-Lock or 3-Stud battery brick. Creates a convenient location to mount your receiver. Works with wireless receivers featuring a belt clip.



(Mfr# S7002 • B&H# VAS7002) ..... **37.95**

#### DC Output Battery Connector

Fits on an Anton Bauer 3-Stud or Sony V-Lock battery to provide 12 to 14v DC power to a light or or accessory via 4-pin XLR cable. The cable extends 6-ft.



For Varizoom 3-Stud Battery  
(Mfr# S7100A • B&H# VAS7100A) ..... **54.95**

For Varizoom V-Lock Battery  
(Mfr# S7100S • B&H# VAS7100S) ..... **49.95**

#### On-Camera AC/DC Battery Mount Adapter

Mount this adapter to either a V-Lock or 3-Stud battery mount to provide direct AC/DC power to your camera. Power your camera for an endless period of time. Weighs 2 lbs, which is less than most batteries.



For A/B 3-Stud mount  
(Mfr # S4100A • B&H # VAS4100A) ..... **369.95**

For V-Lock mount  
(Mfr # S4100S • B&H # VAS4100S) ..... **369.95**

#### Portable Battery Extender

Combine up to four batteries in parallel mode for up to 760 WH of portable DC power. Or power 4 devices simultaneously via its four 4-pin XLR outputs. Use for high power long-run applications such as a portable editor, microwave transmitter, etc. Hot swappable, depleted batteries can be exchanged without interrupting power output. A front panel display offers power information.



For A/B 3-Stud mount batteries (Mfr # S4000A • B&H # VAS4000A) ..... **364.95**  
For V-Lock mount batteries (Mfr # S4000S • B&H # VAS4000S) ..... **364.95**

# VARIZOOM

## BATTERIES & CHARGERS

### JVC Adapter Mount for Pro Batteries



This device mounts securely into the battery compartment of the JVC GY-HD100U or GY-HD110U camcorder. Utilizing the power of professional 14.4v batteries, the mount outputs 7.2v DC to extend the operating time of the camcorder as well as providing power options for the S-2000 dimmable on-camera LED light via the built-in D-Tap (power-tap) connection.

- 3-Stud Battery Adapter Mount (Mfr# S4120J • B&H# VAS4120J)..... **223.95**
- V-Lock Battery Mount (Mfr# S4110J • B&H# VAS4110J) ..... **223.95**

### Dual Battery Extender for JVC GY-HD100U or GY-H110U

Mounts securely into the battery compartment of the JVC GY-HD100 or GY-HD110U camcorder. Utilizing the power of two mini DV batteries extends the operating time of the camera as well as providing power options for the S-2000 dimmable on-camera LED light through the DC output. The extender enables 2 batteries to supply power by automatically switching from one to the other. Indicator lights will notify when the battery in use is low on power. (Mfr# S4010J • B&H# VAS4010J) ..... **186.95**



### Digital Protocol Converter

The digital protocol converter interfaces with a PC to allow custom battery settings for all VariZoom digital batteries. Equipped with both a V-Lock and 3-Stub mount.

(Mfr# D4300 • B&H# VAD4300) ..... **1818.50**



### D-4200 Digital Battery Watch

The D-4200 Digital Battery Watch is a device for testing the status and power of any VariZoom Digital Lithium-ion batteries (3-Stub or V-Lock). It displays information on an LCD and allows the user to check a battery that does not have a readout. Displaying information "Off" the battery saves money and space. Backlight function makes it easy to read display readout.

Attach the D-4200 battery watch to the top of any VariZoom digital battery. Quick attach/detach feature enables convenient status check and power conservation of your batteries. Display details the run-time and operating data on the backlit LCD. Also features a low power alarm.

**D-4200 Digital Battery Watch (Mfr# D4200 • B&H# VAD4200) .....99.95**



### NP1-Style Batteries

IDX's lithium-ion and NiMH NP-1 style batteries provide a lightweight and higher capacity alternative to NiMH and nicad batteries (respectively). They feature an intelligent control circuit for temperature, current and voltage protection with a 4-level LED power indicator.

- 14.4v 56WH NP-1 Style Battery with LED Display (Mfr # S8056N • B&H # VAS8056N) .....149.95**
- 13.2v 50WH NP1-Style Battery with LED Display (Mfr# SC2112D • B&H# VASC2112D) .....114.95**



### Dual and 4-Bay Chargers for NP1-Style Batteries

The 2-bay charger for NP1-style batteries features connectivity utilized by many manufacturers. It will charge any chemistry battery and features sequential charging. This charger supports nicad, NiMH and Lithium-ion chemistries and charges digital and non-digital batteries. In addition to double the charging capability, the 4-bay charger will also charge two batteries simultaneously.

- 2-Bay Multi-Chemistry Charger for NP1-Style Batteries (Mfr # SC302 • B&H # VASC302) .....269.95**
- 4-Bay Multi-Chemistry Charger for NP1-Style Batteries (Mfr # SC304 • B&H # VASC304) .....364.95**



### Complete NP-1 Battery and Charger Kits

- KL-5N includes Two S-8056N Li-ion Batteries and SC-302 2-Bays Charger (Mfr# KL5N • B&H# VAKL5N) .....519.95**
- KL-5N4 includes Four S-8056N Li-ion Batteries and SC-304 4-Channel Charger (Mfr# KL5N4 • B&H# VAKL5N4) .....896.95**
- KL-5N includes Two SC-2112D Ni-MH Batteries and SC-302 2-Bays Charger (Mfr# KN5N • B&H# VAKN5N) .....364.95**
- KL-5N4 includes Four SC-2112D Ni-MH Batteries and SC-304 4-Channel Charger (Mfr# KN5N4 • B&H# VAKN5N4) .....698.95**