

# PRO-X



PROFESSIONAL BATTERY SYSTEMS  
PROFESSIONAL BATTERY SYSTEMS

# The PRO-X Battery System

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## Quality-Reliability-Versatility-Value-Service

Our business is driven by video professionals who demand quality, reliability, versatility, value, and service. PRO-X answers those demands.

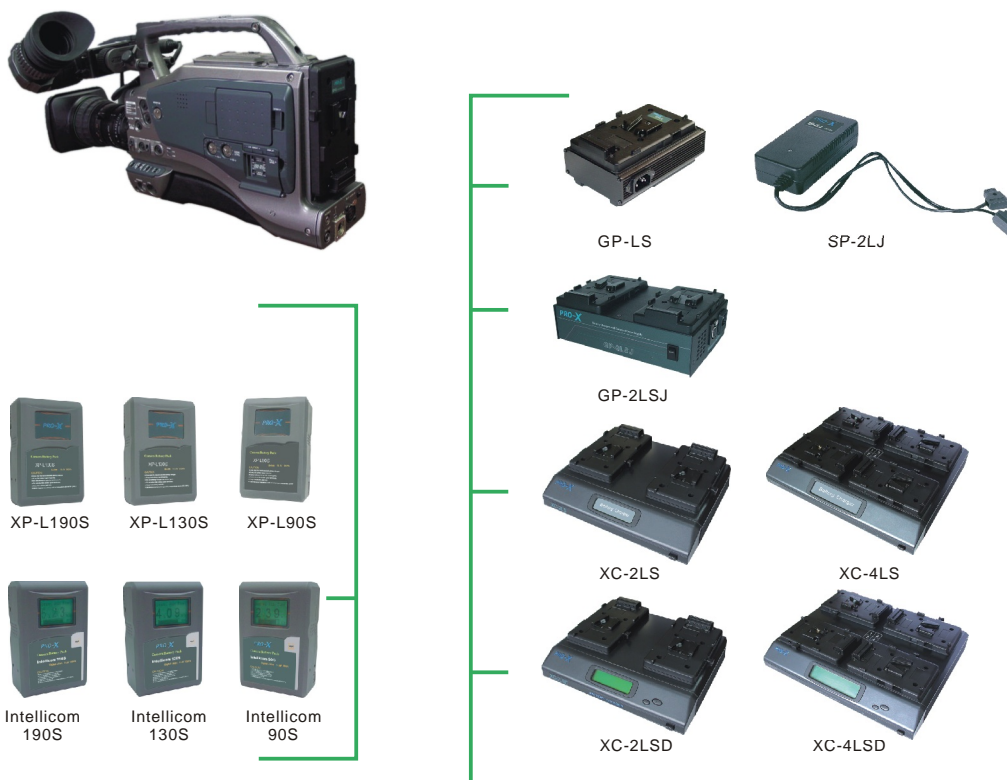
The *PRO-X* system was designed for maximum performance and reliability, establishing quality as paramount.

Whether it is a NP battery system or the new intellicom batteries and digital chargers, they encompass similar features so that upgrading is a matter of choice and not necessity.

We understand how important versatility and integration is to video professionals, that is why our system can be easily incorporated into a pre-existing system. When you invest in a *PRO-X* battery system, you have options, unlike other systems.

The products offered are cost-effective and our warranty shows our commitment to quality, meeting or exceeding those offered by any other manufacturer in the industry. Ultimately, the proof is in the product.

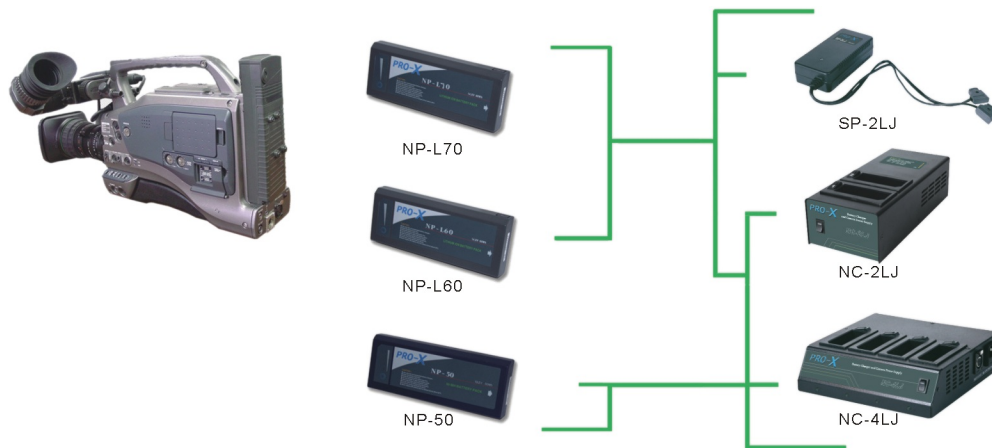
## V-Type Compatible System



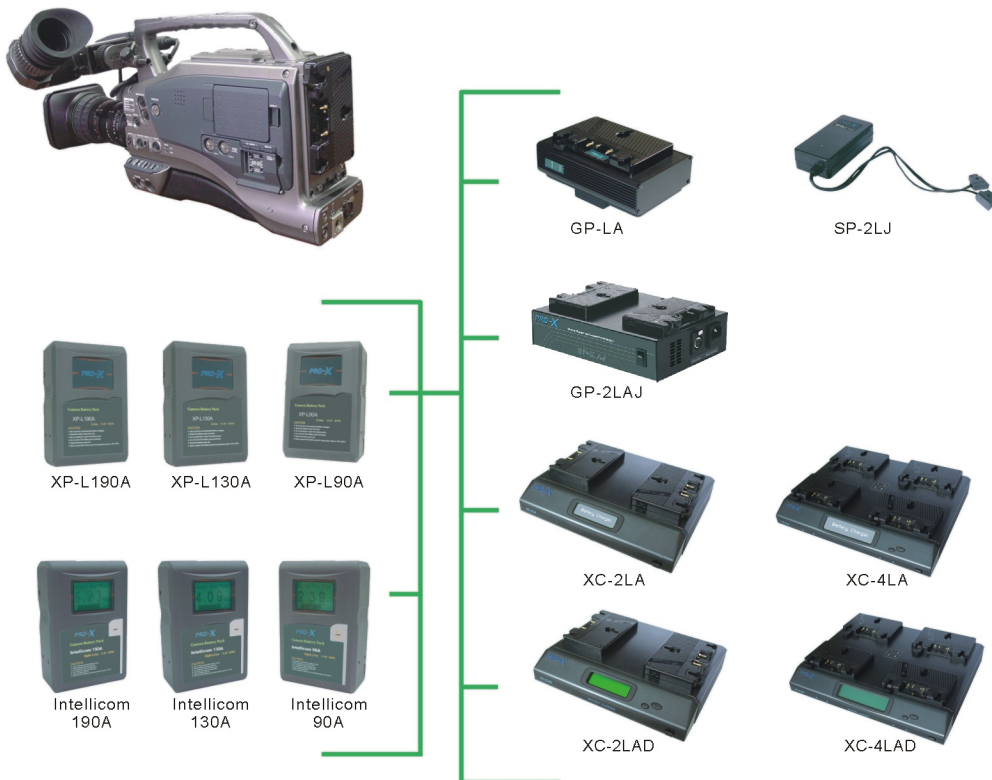
# PRO-X System Options

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## NP Compatible System



## 3-Stud Compatible System



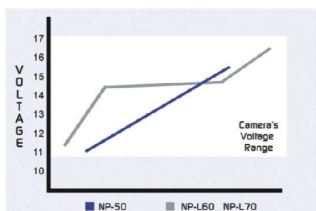
# NP Batteries

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## 4-Stage LED Power Gauge

All NP batteries have a 4-stage LED Power Gauge so you can quickly reference the charge status of the battery.



## No Memory Effect

The high voltage design of both the NP-50 and NP-L60/L70 eliminates the chance of memory because the batteries are designed to operate between the camera's voltage range.



## Power Port

The NP-L60/L70 has an incorporated bi-pin power port so you can power virtually any 12VDC device. 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. Or, when packaged with an NP-BHNP holder, you can mount the battery behind the NP box and power both light and camera from two NP-L60/L70 batteries.

## NP-50

An alternative to Nicad NP battery packs, offering up to twice the runtime.

Compatible with most NP chargers in the field.

Internal protection circuit monitors temperature, and protects against over-charge with a self-resetting cut-off.



Capacity: 50.16Wh {13.2V, 3.8Ah}

Size: 7.28" x 2.83" x .98"

Weight: 1.5 lbs

Nominal Runtime{25W}: 2hrs

## NP-L60/L70

A lightweight, ultra high capacity NP battery which can be used with existing cameras, monitors, audio equipment, and vtrs, without any necessary modifications.

Requires a PRO-X series charger for charging.

Internal protection circuit monitors temperature, and protects against over-charge with a self-resetting cut-off.



Capacity: 59.2/68.16 Wh {14.8V, 4.0/4.8Ah}

Size: 7.28" x 2.83" x .98"

Weight: .92 lbs

Nominal Runtime{25W}: 2.4/2.8hrs

# NP Chargers

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## NC-2LJ

Lightweight and compact, the NC-2LJ can fit inside a small camera bag, making it an ideal field charger.



Trickle charge maintenance program ensures the batteries are always at maximum capacity.

Completely charges two 50W batteries in 90 minutes.

Quick Charge Current: 1.5A  
Size: 4.4" x 2.7" x 9.8"  
Weight: 2 lbs  
Input Voltage: 90-240V AC 50/60Hz

## NC-4LJ

The NC-4LJ is the optimum charger when you have large quantities of NP batteries.



The highly efficient charging process completely charges four 50W batteries in 90 minutes.

Trickle charge maintenance program ensures the batteries are always at maximum capacity.

Quick Charge Current: 1.5A  
Size: 8.7" x 2.5" x 8.6"  
Weight: 3.5 lbs  
Input Voltage: 90-240V AC 50/60Hz



### Camera Power Supply

All chargers feature a built in 50/70W camera power supply to power field equipment from an AC power source. (50W NC-2LJ/70W NC-4LJ)



### Simultaneous Charging

NC chargers will charge all your batteries simultaneously. This charging feature completely charges your batteries up to four times faster.



### MultiChemistry Charging

PRO-X series chargers have the ability to recognize and charge NiCd, NiMH, and Lithium Ion. The chargers can charge safely and completely. MOST of the other manufacturers' battery products of comparable chemistries.



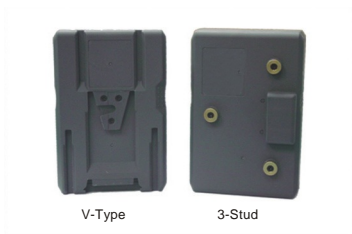
# Brick Style Batteries

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## 4-Stage LED Power Gauge

All Brick batteries have a 4-stage LED Power Gauge so you can quickly reference the charge status of the battery in 25% increments.



V-Type

3-Stud

## Available Mounts

The PRO-X batteries are available in both V-Type and 3-Stud type mounting, so you can easily integrate the batteries into your pre-existing battery system.



## Power Port

All PRO-X Brick batteries have an incorporated power port so you can power virtually any 12VDC device. Those who have cameras which limit the current output to the onboard port can now simply tap into the battery.

# LONGER RUNTIMES WITHOUT THE EXTRA WEIGHT



# XP Models

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## XP-L90S/XP-L90A

Ideal battery for cameraman where power and weight is the highest priority.

Internal protection circuits monitor cell balance, temperature, over charge and over discharge to insure safe and proper operation.

Highest Capacity Lithium Ion Battery Pack that can be legally transported without restrictions.

Capacity: 97.68Wh {14.8V, 6.6Ah}  
Size: 3.8" X 5.87" X 2"  
Weight: 2 lbs  
Nominal Runtime{25W}: 3.6hrs



## XP-L130S/XP-L190S XP-L130A/XP-L190A

Designed to meet the demands of heavy duty power applications, the XP-L130/L190 will deliver unrivaled performance.

Has the power to run most camcorders for over 5/7 hours.

Best power to weight ratio in the industry.

Internal protection circuits monitor cell balance, temperature, over charge and over discharge to insure safe and proper operation.

Capacity: 130.24Wh/195.36Wh {14.8V, 8.8/13.2Ah}  
Size: 3.8" X 5.87" X 2" / 3.8" x 5.87" x 2.75"  
Weight: 2.4/3.1 lbs  
Nominal Runtime{25W}: 5.2/7.6hrs



**DURACASE™**  
**HIGH IMPACT SHELL**

### DuraCase Shell

All PRO-X brick batteries feature a rubberized, shock absorbent, non-slip shell casing for greater protection against the impacts sustained from everyday ENG usage.



### Compatibility

XP model .V-Type batteries are highly compatible with much of the current lithium ion charging equipment available. All XP model 3-Stub batteries require a PRO-X series charger to properly charge.

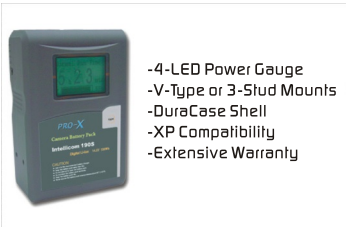


### Most Extensive Warranty

The XP series of batteries are covered against defects in material and or workmanship for a period of 1 1/2 years (18 months). Currently 50% longer than any other warranty offered in the industry on lithium ion brick battery products.

# Brick Style Batteries

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- 4-LED Power Gauge
- V-Type or 3-Stud Mounts
- DuraCase Shell
- XP Compatibility
- Extensive Warranty

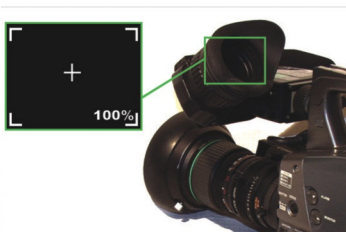
## XP Battery Foundation

The intellicom models evolved from the XP models, including all the same features of the XP batteries plus the exclusive intellicom features.



## InfoStore Microprocessor

Each battery has the *InfoStore* microprocessor which stores vital battery parameters such as Battery ID, chemistry, cycle count, date of manufacture, serial number, and more. The microprocessor monitors the battery's performance and communicate with the charger to optimize the life of the battery.



## EVF Capacity Display

The intellicom models can communicate directly with select cameras to display your remaining battery capacity in the camera's viewfinder.

# NO MORE GUESSING NO MORE CALCULATING





# Intellicom Models

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## Intellicom 905/90A

Ideal battery for cameraman  
Where power and weight is the  
highest priority.

Highest Capacity Lithium Ion Battery  
Pack that can be legally transported  
Without restrictions.

Internal protection circuits monitor  
cell balance,temperature,over charge and over  
discharge to insure safe and proper operation.

Capacity:97.68Wh {14.8V,6.6Ah}  
Size:3.8" x 5.87" x 2"  
Weight:2 lbs  
Nominal Runtime{25W}:3.6hrs



## Intellicom I 305/ I 905 Intellicom I 30A/ I 90A

Designed to meet the demands of  
heavy duty power applications,  
the Intellicom 130/190 will deliver  
unrivala performance.

Has the power to run most  
camcorders for over 5 hours.

Best power to weight ratio in the industry.

Internal protection circuits monitor  
cell balance ,temperature,over charge and  
over discharge to insure safe and proper operation.

Capacity:130.24Wh/195.36Wh {14.8V,8.8/13.2Ah}  
Size:3.8" X 5.87" X 2" /3.8" x 5.87" x 2.75"  
Weight:2.4/3.1 lbs  
Nominal Runtime{25W}:5.2/7.6hrs



### Intellicom Fuel Computer

The on-board fuel computer display is the  
most unique feature of the Intellicom  
models. The backlit LCD displays your  
operating time in hours and minutes , a  
capacity bar grid, and percent capacity.  
The battery's fuel computer samples  
the capacity and the discharge or charge  
load, recomputes and refreshes the display  
every 5 seconds.

The Intellicom Fuel Computer has  
three phrases:



#### Normal Run Time

When the battery is not in use, the battery  
calculates the run time based upon a  
predetermined 26W load



#### Remaining Run Time

When the battery is powering a device,  
the battery calculates the run time based  
on the actual draw.



#### Remaining Charge Time

When the battery is charging ,the fuel  
computer calculates the time until  
the battery is fully charged.

# Brick Style Chargers

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## Available Mount Plates

All PRO-X series chargers are available in either the V-Type or 3-Stud mounts.



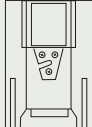
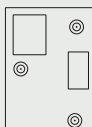
## Simultaneous Charging

Regardless of model, all brickchargers within the PRO-X series have the ability to charge all batteries at the same time. Compared to some sequencing chargers, the PRO-X chargers can be up to four times faster.



## Camera Power Supply

The chargers are outfitted with a 50/70 watt camera power supply suitable for powering most professional broadcast cameras or other field equipment from an AC main.  
(50W GP model/70W XC model)

Mount	Charge Model	Charge Positions	Nominal Charge Time (hrs.)		
			90Wh Model	130Wh Model	190Wh Model
V-TYPE					
	GP-2LSJ	2	5	7	10
	XC-2LS	2	3 1/2	5	7 1/2
	XC-4LS	4	3 1/2	5	7 1/2
3-STUD					
	GP-2LAJ	2	5	7	10
	XC-2LA	2	3 1/2	5	7 1/2
	XC-4LA	4	3 1/2	5	7 1/2

## GP-2LJ



GP-2LSJ



GP-2LAJ

Compact enough to fit into a camera bag yet versatile, addressing all batteries simultaneously.

Trickle charge maintenance program ensures the batteries are always at maximum capacity.

Quick Charge Current: 1.5A

Size: 9" x 2" x 6.1"

Weight: 2.8 lbs

Input Voltage: 90-240V AC 50/60Hz

# XC Models

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## XC-2L



XC-2LA



XC-2LS

Automatically addresses all chemistry types while being able to completely charge batteries 25% faster than the GP model.

The XC model is programmed with all the charges routines Including the maintenance programmes.

Quick Charge Current:2.0A

Size:9.7" x 2" x7.7 "

Weight:3.3 lbs

Input Voltage:90-240V AC50/60Hz

## XC-4L



XC-4LA



XC-4LS

Ideal charger for those that find it essential to cycle many batteries throughout the day.

Utilizing all charge routines,the XC-4L`s charging efficiency is among the highest in the industry compared to other chargers.

Quick Charge Current:2.0A

Size:12.5" x 2" x10.2 "

Weight:5.5 lbs

Input Voltage:90-240V AC50/60Hz



### MultiChemistry Charging

*PRO-X* series chargers employ technology to address NiCD ,NiMH,and Lithium Ion.

This ables the charges notonly to charge the XP and Intellicom model batteries,but allows the chargers to alsocharge batteries of other manufacturers.

All charging models were designed so they could be easily integrated into your current battery system.

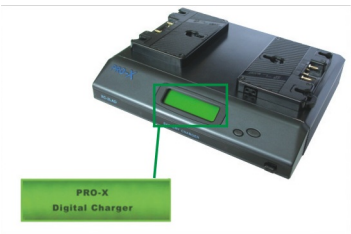


### Comprehensive Warranty

*PRO-X* offers a full 3years,parts and labor warranty on every*PRO-X* series charger accompanied by lifetime support on the product.

# Brick Style Chargers

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## Multifunction LCD

The XC Digital.chargers feature a large, backlit,multifunction LCD which displays charge status,battery type,serial number,charge current,chemistry, present temperature and voltage, charge/discharge cycle,battery capacity, and date of manufacture.

1	16.89V
2	Full
2	Empty

1	Name	Inm 90Ai
	SN.	0401210

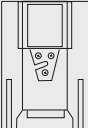
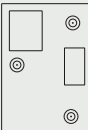
1	Curr.	1964mA
	Temp.	18.4C

1	Chem	Li-ion
	Count	0013

1	Design Cap.
	90Wh

1	Manuf Date
	2004 10 16

Information available with Intellicom models

Mount	Charge Model	Charge Positions	Nominal Charge Time (hrs.)		
			90Wh Model	130Wh Model	190Wh Model
V-TYPE					
	XC-2LSD	2	3 1/2	5	7 1/2
	XC-4LSD	4	3 1/2	5	7 1/2
3-STUD					
	XC-2LAD	2	3 1/2	5	7 1/2
	XC-4LAD	4	3 1/2	5	7 1/2

## DIGITAL XC-2L



XC 2LSD



XC 2LAD

A complete charging system with a convenient,more compact design.

Perfect charge for those who want quick and reliable charging,and the versatility of the multifunction,backlit display.

Quick Charge Current:2.0A  
Size:9.7" x 2" x 7.7"  
Weight:3.3 lbs  
Input Voltage:90-240V AC50/60Hz



# DIGITAL XC Models

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## DIGITAL XC-4L



XC-4LAD



XC-4LSD

Fastest and most advanced charger offered in the PRO-X system line.

Front panel LCD is larger than the 2-position model, making it easier to monitor all four batteries at the same time .

Quick Charge Current:2.0A  
Size:12.5" x 2" x 10.2 "  
Weight:5.5 lbs  
Input Voltage:90-240V AC50/60Hz



### Includes XC Features

The XC Digital Charger models include all the standard features as the XC model chargers plus the unique Digital features. The standard features include: Simultaneous and MultiChemistry charging, V-Type or 3-Stud mount plate options, 70 watt camera power supply, and a 3-year comprehensive warranty.



### Battery Communication

The XC Digital chargers communicate with the batteries to acquire the real-time Battery parameters. From the information Received the XC digital charger evaluates and selects the optimum charge program for the battery .By tailoring the charge Program to the battery ,the charger Insures maximum battery capacity and Service life.

Type	Power (W)	Time for Lighting (min)	Centre illuminance (LUX)	Color Temperature (K)	Rated Capacity (Ah)	Weight (Kg)	Nominal Voltage (V)
CLC-10040-NH	100	40	600/2m	3200	4.5	1.0	13.2
CLC-15040-NH	150	40	600/3m	3200	7.6	1.6	13.2
CLC-20040-NH	250	40	700/4m	3200	9.0	1.8	13.2



- Compare with the same kind of product in trade ,have the smallest dimension.
- Compare with the same kind of product in trade ,have the highest weight.
- Have the perfect discharge protection circuit and automatic charger inside battery pack ,relize the integration of charger ,battery pack and discharge protection
- The charger have wide range mains input voltage {AC90-250V},adapt to the global power supply system.
- 13.2V series provide camera power supply simultaneously by the shoot socket, realize the integration of shoot and lighting.
- Have self start device,the bulb and the battery`s life is longer.

## Characteristics:

- 1.Single-lamp may be handed or fitted on the camera`s handle;double-lamp adapt to light and supplemental lighting on long distanceand wide range.
- 2.The lamp use plastic-steel or light-metal,sculpt is in good taste,firm to use .
- 3.Use high efficiency halogen-tungsten bulb,color temperature is stable.
- 4.The battery`s box use ABS plastic,arc-shaped box is convient to schlep.
- 5.The battery pack use Ni-MH battery cell, accord with IEC standard, performance is on the safe side.
- 6.Professional groovy chest is convenient to transport .

# Ultralight Used for Shoot

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Type	Adapt to	Power(W)
XP-L168(B)	SONY SX digital camera	25W 12V
XD-L168B		12W 12V
XP-L518(B)	All cameras with Gold Mount	25W/35W 12V
XD-L518B		12W 12V



XP-L168(B)/XP-L518(B)



XD-L168B/XD-L518B

- Special design for easy to uninstall, storage and transport;
- Built-in dimmer to set the output between 0 and 100%;
- The lamp head can be positioned horizontally and vertically in different position to fit the shot;
- The XD-L lights are LED long life light, 35W of light at 12W of power in 5600K color temperature.



XP-L168(B)/XP-L518(B)



XD-L168B/XD-L518B



# Accessories

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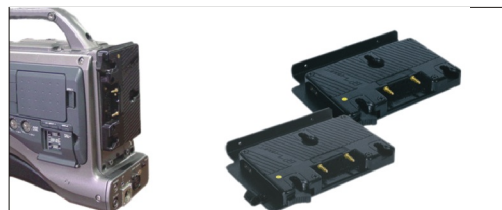
## V-Type



### XP-S/GP-S V-Type Mount Plates

The XP-S or GP-S mount onto the camera to provide a quick and secure connection with V-type mount batteries. GP-S includes a bi-pin power port to power an on-board light. XP-S adds a Data I/O Camera Connection and Automatic Light Control (ALC). ALC automatically turns the light on/off in conjunction with the VTR. (Please check for camera compatibility.)

## 3-Stud



### XP-A/GP-A 3-Stud Mount Plates

The XP-A or GP-A mount onto the camera to provide a quick and secure connection with 3-Stud mount batteries. GP-A includes a bi-pin power port to power an on-board light. XP-A adds a Data I/O Camera Connection and Automatic Light Control (ALC). ALC automatically turns the light on/off in conjunction with the VTR. (Please check for camera compatibility.)



### A-GP-S 3-Stud to V-Type Adapter

The A-GP-S is a temporary solution to allow the use of V-Type batteries on 3-Stud configured cameras. It can also be used as a charge adapter, enabling you to temporarily charge V-Type batteries on PRO-X series 3-Stud charging equipment.



### S-GP-A V-Type to 3-Stud Adapter

The S-GP-A is a temporary solution to allow the use of 3-Stud batteries on V-Type configured cameras. It can also be used as a charge adapter, enabling you to temporarily charge 3-Stud batteries on PRO-X series V-Type charging equipment.



### GP-TS V-Type Hotswap Adapter

The GP-TS Hotswap adapter mounts directly to the existing V-type plate on the camera and allows for continuous battery operation. Because the batteries aren't 'stacked' on one another, you can easily remove the depleted battery while leaving the other battery connected so that there is never 'down' time. It can provide up to 380Wh at only 7.5lbs.



### GP-TA 3-Stud Hotswap Adapter

The GP-TA Hotswap adapter mounts directly to the existing 3-Stud plate on the camera and allows for continuous battery operation. Because the batteries aren't 'stacked' on one another, you can easily remove the depleted battery while leaving the other battery connected so that there is never 'down' time. It can provide up to 380Wh at only 7.5lbs.



## Wireless Receiver Mounting Bracket



### S-GJS-T Wireless Receiver Mounting Bracket

The bracket is placed between the V-Type mounting plate and the camera and allows a wireless receiver to be mounted on the side of the camera while not interfering with the battery. This bracket cannot be used in conjunction with GP-TS Hotswap adapter. (Includes optional mounting for Sony WRR camera mount adapter.)



### A-GJS-T Wireless Receiver Mounting Bracket

The bracket is placed between the 3-Stub mounting plate and the camera and allows a wireless receiver to be mounted on the side of the camera while not interfering with the battery. This bracket cannot be used in conjunction with GP-TA Hotswap adapter. (Includes optional mountings for Sony WRR camera mount adapter.)



### S-GJS-S Wireless Receiver Mounting Bracket

The bracket is placed on the Sony brand cameras to provide a rear-mount for a wireless receiver. It can be adjusted to fit different V-type batteries.



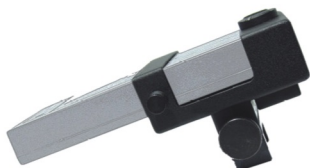
### WD-GJS-Z Wireless Receiver Mounting Bracket

The bracket mounts directly to all the PRO-X brick batteries to provide a rear-mount for a wireless receiver. It can fit our V-Type series and 3-Stub series.

# Accessories

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## NP-Type



### NP-Base NP Holder, Handle Mount

The NP-Baseholder clamps to your camera's handle and allows you to independently power a 12V light from a NP battery. The holder has a 12VDC power port and a 1/4-20 thread so you can mount the light.



### NP-BH NP Battery Holder

The NP-BH mounts directly to your NP box, holding an additional NP battery for powering an on-board light. When used with a NP-L60/L70, the power port can be easily connected to. The holder also has additional mounting screws to allow for piggy-backing or mounting a wireless receiver.

## 7.2V Adapter



### NP-Base-7.2 NP holder, DV Adapter

The NP-Base-7.2 holder clamps to your DV camera's handle and allows you to simultaneously power a 12V light and a DV camcorder from an NP battery. The holder has a built-in regulator to supply 7.2VDC to the camcorder and has a 12VDC power port and a 1/4-20 thread so you can mount the light. (L168 cable kit required to power the dv camcorder.)



### GP-S/7.2 V-Type Plate, DV Adapter

The GP-S/7.2 simultaneously powers a 12V light and a DV camcorder from a brick battery. The plate has a built-in regulator to supply 7.2VDC to the camcorder and has a 12VDC power port to power the light. (L168 cable kit required to power the dv camcorder.)



### XP-HD100S V-Type Adapter

The professional battery adapter. It is designed exclusively for JVC GY-HD100/101. An internal intelligent DC/DC converter change the voltage 14.8V of the battery to 7.2V automatically.



### XP-HD100A 3-Stub Adapter

The professional battery adapter. It is designed exclusively for JVC GY-HD100/101. An internal intelligent DC/DC converter change the voltage 14.8V of the battery to 7.2V automatically.

## Power Supply



### GP-LS Changer & Adapter

V Lock interface can be installed on the back of the compatible camera directly as a power supply; it also doubles as a charger charging any V Lock Li-ion batteries.



### GP-LA Changer & Adapter

3-Stub interface can be installed on the back of the compatible camera directly as a power supply ;it also doubles as a charger charging *PRO-X* 3-Stub Mount Li-ion batteries.



### SP-1 Power Supply

A power supply with a single channel applies to professional video camera. A wide range input fit for worldwide voltage.



### SP-2 Power Supply

A power supply with two channels applies to the professional video camera and field equipment working with DC12V simultaneously.

## Adapter Cables

XLR Male



XLR Female



PT-NOP



BP-NOP



PT-BP



PT-XLR



Website:  
<http://www.prosolution.tv>  
Email:  
[sales@prosolution.tv](mailto:sales@prosolution.tv)

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**PRO-X**

**CAUTION**

- Use only the recommended battery charger.
- Keep the battery pack away from fire.
- Do not attempt to open the battery pack.
- Do not short the battery pack terminals.
- Keep the battery pack dry.
- Never expose the battery pack to temperatures above 60°C (140°F).

14.8V 130Wh



100% LITHIUM ION BATTERY

Intellicom 130S

