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»Delta Photo/Video«

This charger can be used for nearly all 3.6V/3.7V and 7.2V/7.4V Lithium-Ion Digital Photo and Video battery packs.

- Precision end-of-charge voltage cut off guarantees full charging of battery packs.
- Trickle charging function after full charge detection.
- Detection of defective battery packs.
- Overcharge protection.
- Additional overcharge protection through built-in safety timer.

Please read this instruction manual before using this charger.

It explains how to operate this product.

Use in dry rooms only!

Contents of your charger:

- 1 x AC / DC Adapter 230V / 50Hz
- 1 x Battery Charger Base
- 1 x Car Cord Adapter
- 5 x Adapter Trays
- 1 x Operating Instructions

Operating instructions

Connection of the Charger

1. Powering the Charger

Plug the AC / DC Adapter into a power outlet, then connect the other end with the power input of the charger. The power status indicator will light up in RED.

2. Using the charger in car

Plug the Car Cord Adapter into the 12V cigarette light socket of your car, then connect the other end with the power input of the charger. The power status indicator will light up in RED.

ATTENTION: Never plug the Car Cord Adapter into the 24V power of a truck. This will cause permanent damage to the charger.



Loading a battery onto the Photo and Video Battery Charger

Slide the battery onto the platform as indicated (picture A). Do not force the battery onto the platform. Use the adapter tray as indicated (picture B). To remove the adapter tray simply pull back on the release tab and lift the tray up from the charger (picture).

Charging Mode

When the battery is attached onto the charger platform the battery status indicator will light up (green LED) and blink as long as the battery is being charged. If the battery is fully charged, the indicator will stop blinking and light up permanently. Then the battery pack can be removed from the charger. It is recommended to still leave the battery pack on the charger for approx. 30 minutes to "top-up" the battery.

Safety precautions and maintenance

DO NOT use the battery charger inside a drawer, closed cabinet or cover with a cloth. The heat from charging may damage the charger and the battery pack. During use the charger will become slightly warm.

DO NOT attempt to open the charger or remove service parts inside. Doing so will void your warranty. **DO NOT** allow moisture of any kind to come into contact with the charger; never immerse the charger in water for any reason.

DO NOT install the charger in areas that may expose it to extreme temperatures. Avoid placing the charger in direct sunlight, such as on a dashboard. High temperatures may warp or melt plastics. **DO NOT** drop the charger. Serve jolts may cause permanent damage and are not covered by the warranty. **DO NOT** plug the 12V car cord into the cigarette light socket of Trucks since it will cause permanent damage to the charger.



Technical Specifications

Input: 12 VDC
 Charging Current: 800mA constant current mode
 Charging Mode: constant current mode with charging current termination (4.2V for 3.6V/3.7V battery, 8.4V for 7.2V/7.4V battery)

Troubleshooting

Problem

No power status LED (red LED)

Remedy

- Make sure the AC/DC power adapter is plugged into a suitable power outlet.
- Check power cord.

No battery status LED (green LED) when battery is installed

- Re-install battery.
- Defective battery.

Power and battery status LED of the adapter both blinking

- Disconnect outlet of power from charger and re-connect it to charger.
- Defective battery.

Battery pack compatibility list for Charger Delta Photo/Video

Canon	BP-408/412/422 BP-511/512/522/535 BP-608/617 BP-911/914/915 BP-924/927/930R/941	Adapter Tray D Base Unit Adapter Tray A Base Unit Base Unit
Hitachi	VM-BPL13/27/30/60 VM-E 330/535 VM-N 520 VM-NP 500	Base Unit Base Unit Base Unit Base Unit
JVC	BN-V 101 BN-V 107/114 BN-V 207/214 BN-V 306/312 BN-V 408/416/428 BN-V 507/514 BN-V 607/615 BN-V 712/714 BN-V 812/814 BN-V 907 BN-VF 707/714/733	Adapter Tray Photo Adapter Tray D Adapter Tray C Adapter Tray Photo Base Unit Adapter Tray C Adapter Tray B Adapter Tray A Base Unit Adapter Tray B Adapter Tray Photo
Panasonic	CGR-B 202/403 CGR-D 08/16 CGR-D 105/110/120 CGR-D 210/220/320 CGR-V 14/26 CGR-V 610/620 VW-VBD 1/2 VW-VBD 21/23/24	Base Unit Adapter Tray B Adapter Tray B Adapter Tray B Adapter Tray C Adapter Tray C Base Unit Adapter Tray B

Battery pack compatibility list for Charger Delta Photo/Video

Digital Photo Battery		charged by
Olympus	Li-10B/12B Li-20B Li-40B/42B BLM-1	Adapter Tray Photo Adapter Tray Photo Adapter Tray Photo Adapter Tray Photo
Panasonic	CGA-S001/S002 CGA-S004 CGA-S005 CGA-S006E CGR-S101A CGR-S301 CGR-S602A DMW-BCB7 DMW-BM7 VW-VBA10	Adapter Tray Photo Adapter Tray Photo Adapter Tray Photo Adapter Tray Photo Adapter Tray Photo Adapter Tray Photo Adapter Tray Photo Adapter Tray Photo Adapter Tray Photo Adapter Tray Photo
Pentax	D-Li2/7/8	Adapter Tray Photo
Ricoh	DB20 DB30 DB40 DB43 DB60	Adapter Tray Photo Adapter Tray Photo Adapter Tray Photo Adapter Tray Photo Adapter Tray Photo
Samsung	SLB-0737 SLB-1137	Adapter Tray Photo Adapter Tray Photo
Sanyo	DL-10B DL-20B	Adapter Tray Photo Adapter Tray Photo
Sony	NP-F 550 L-Series NP-FC 10/11 C-Series NP-FE 1 E-Series NP-FM 50 M-Series NP-FR 1 R-Series NP-FS 10/11 S-Series NP-FT 1 T-Series	Base Unit Base Unit Adapter Tray Photo Base Unit Adapter Tray Photo Base Unit Adapter Tray Photo
Toshiba	PDR-BT1 PDR-BT2 PDR-BT3 PDR-BT9 NP-100	Adapter Tray Photo Adapter Tray Photo Adapter Tray Photo Adapter Tray Photo Adapter Tray Photo