

PRECAUTIONS

Please read this instruction manual carefully before using the charger to ensure it functions correctly.

IMPORTANT SAFETY INSTRUCTIONS

- This charger must only be used to charge rechargeable Li-Ion batteries 3.6V/3.7V/7.2V/7.4V.
- This charger is designed for indoor use : do not expose it to moisture, rain, or extreme temperatures.
- Do not attempt to open, short-circuit or drop the charger or the mains adapter.
- Use only the power supplies included with the charger.
- Clean the charger with a soft, clean, dry cloth.
- The charger should not be used by children without supervision, or by disabled persons where the disability could prevent compliance with safety recommendations.
- Children should be supervised at all times to ensure that they do not play with the charger.
- Disconnect the charger when not in use.
- Batteries contain chemicals hazardous for the environment. Please dispose of the batteries properly, at special collection points or return to point of sale.

PREPARATION FOR BATTERY CHARGING

Notice that the base unit (charger) and the adaptor plates contain different contact sets. Each contact set will securely match to different battery types.

The base unit (charger) is a complete battery charging system capable of charging several types of batteries with or without an adaptor plate.

Please refer to the drawings to see if you need an adaptor plate or not to charge your battery (you can also refer to the side of the packaging for the list of compatibility).

> If no adaptor plate is needed proceed to **MOUNTING OF BATTERY**

Included are 5 adaptor plates. Each adaptor plate has several sets of contacts to accommodate many more batteries. Each adaptor plate contact set is identified to assure correct battery placement on the adaptor plate.

The adaptor plates are easy to change allowing charging of different types of batteries .

Please refer to the drawings to see if you need an adaptor plate or not to charge your battery (you can also refer to the side of the packaging for the list of compatibility).

> After choosing the correct adaptor plate, please proceed to **INSTALLATION OF ADAPTOR PLATE**.

INSTALLATION OF ADAPTOR PLATE

1. If you require an adaptor plate to charge your battery, notice that the adaptor plate is contoured on the bottom side to allow attachment to the charger battery opening .
2. Align the contacts of the adaptor plate with the one on the base unit. Align top and lower brackets.
3. To lock in, push down the adaptor plate and slide it until it is in position.
4. DO NOT force the adaptor plate. When the adaptor plate is correctly positioned, you should hear a "click".
Charger is now ready for use.



MOUNTING THE BATTERY

The way the battery is mounted can vary depending on the battery type

1. Refer to the drawings and the battery contact location.
2. Align battery contacts with the appropriate contacts on base unit or adaptor plate.
3. Make sure the battery's alignment guides match up with those on the charger.
4. Gently slide the battery towards the rear of the charger base or installed adaptor plate battery opening. The battery will slide into place and metal contacts will be aligned if properly mounted

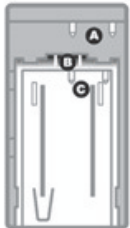
> Base unit

- Canon BP914/915/927/930/941
- Hitachi VMBPL 13/27/30/60
- JVC BN-V607/V615/V628
- JVC BN-V812/V814
- Panasonic VW-VBD1
- Sony NP-F550/F750/F950
- Sony NP-FM50/FM70/FM90



> Adaptor plate AAA00110

- A : Sharp BTL-241/441
- B : Panasonic CGR-D120/220/230, Panasonic CGR-D08/16/28
- C : Sony NP-FS11/FS21/FS31, Canon BP 608/617



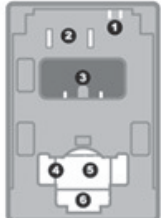
> Adaptor plate AAA00111

- 1 : JVC BN-V507/V514
- 2 : Sharp BT -L2
- 3 : Canon BP511/512/522
- 4 : JVC BN-V408/V416/V428



> Adaptor plate AAA00112

- 1 : Sony NP-FF50/F70
- 2 : JVC BN-V107/V114
- 3 : Nikon EN-EL1
- 4 : Canon NB-1L
- 5 : Sony NP-FC10
- 6 : Fuji NP80



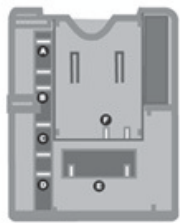
> Adaptor plate AAA00129

- A : Fuji NP60
- B : JVC BN-V306/312
- C : Nikon EN-EL2
- D : Canon NB-2L
- E : Nikon EN-EL3
- F : Minolta NP200
- G : Konica DR-LB4
- H : Casio NP20



> Adaptor plate AAA00223

- A : Kodak Klic 5001
- B : Nikon ENEL5
- C : Sony NPFT1
- D : Kyocera BP780S
- E : Canon NB3L
- F : Olympus BLM1



CHARGER OPERATIONS

Once the charger is configured to accept the battery either directly on the base or with the use of an adaptor plate, plug in either the main adaptor or the 12 volt cigar lighter adapter.

When turned on, the RED L.E.D. on the charger will flash once indicating the charger is powered and ready.

Upon battery insertion, the charger identifies the battery type, voltage and capacity to initiate battery charging.

The charge begins and the charger L.E.D turns red.

When the battery reaches 90%-95% of its capacity, charging is complete, the charger L.E.D starts flashing RED and the battery can be removed for use.

However, it is recommended to leave the battery with the red L.E.D.flashing for 60 minutes to ensure a full charge for peak performance. After that the charger automatically switches to a small maintenance charge, to keep the battery in peak condition.

CHARGE PROCESS AND STATUS

STATUS/CONDITION	LED INDICATION			
Power applied to charger (Initial flash upon applying power)	Off	On (1 s)	Off	Off
Charge cycle	Off	On (on continuous)		
Charge complete	On (1/4 s)	Off (2 s)	On (1/4 s)	Off (2 s)

Faulty battery	Off	On (1/4 s)	Off	On (1/4 s)
----------------	-----	------------	-----	------------

Specifications

- Input voltage : 12 V DC
- Charging method : Constant current / Constant voltage
- Charging current : 1000 mA
- Trickle charge current : 20 mA