



GO! Universal Charger & USB Power Supply

Charge your digital camera battery or power your USB devices anywhere, anytime.

Please read and follow all instructions before using this product.

IMPORTANT WARNING :

- ◆ This GO! Universal Charger is designed for charging 3.6V ~ 7.4V rechargeable Li-Ion batteries ONLY! Inserting any other type of battery may damage the device, destroy the battery and/or cause injury to the user.
- ◆ To recharge the GO! Universal Charger, YOU MUST USE THE POWER ADAPTER INCLUDED IN THIS PACKAGE. Using any other power adapters may destroy the device.

PRODUCT ILLUSTRATION :

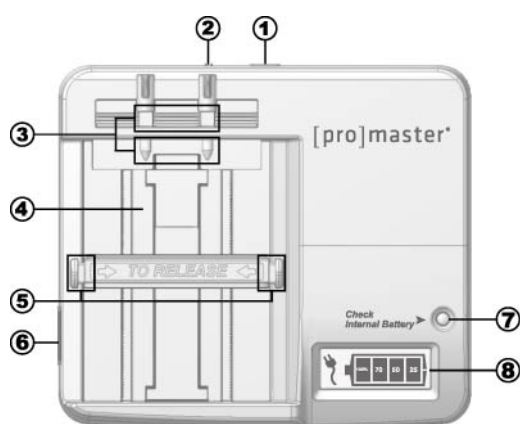


Fig. 1






GO! Universal Charger & USB Power Supply

- ① ON/OFF Switch
- ② Power (DC) Input Socket
- ③ Charging Contact Pins
- ④ Battery Charging Port
- ⑤ Release Buttons for Battery Stop
- ⑥ 5V USB Power Port
- ⑦ Touch Switch
 - For Checking Internal Battery
 - For Boost Charging a camera battery
- ⑧ 4-Level LCD Fuel Gauge

OPERATING INSTRUCTIONS :

A. Checking the remaining power in the INTERNAL battery





To check the remaining power in the INTERNAL battery in the **GO! Universal Charger**, first disconnect the charger from any external AC or DC power source. Then push the **Touch Switch**⑦. The **4-Level Fuel Gauge**⑧ will display the remaining power of the INTERNAL battery per the chart below :

-  - Approx. 76~100% power remains
-  - Approx. 51~75% power remains
-  - Approx. 26~50% power remains
-  - Approx. 6~25% power remains
-  - Less than 5% power remains

B. Charging the INTERNAL battery

To charge the INTERNAL battery of the **GO! Universal Charger**,

1. Set the **ON/OFF Switch** ① to the **OFF** position.
2. Connect the barrel-plug end of AC adapter included in this package to the **Power Input Socket** ②.
3. Plug the other end of the AC adapter into a household AC outlet.
4. Charging of the internal battery will begin. Charging progress will be displayed on the **4-Level Fuel Gauge** ⑧ as below :

- When the 25%  symbol stays solid and the fuel gauge 50%, 75% and 100% symbols are blinking, it means the INTERNAL battery is charged to more than 25% of its full capacity.
- When the 50%  symbol stays solid and the fuel gauge 75% and 100% symbols are blinking, it means the INTERNAL battery is charged to more than 50% of its full capacity.
- When the 75%  symbol stays solid and only the 100% indicator remains blinking, it means the INTERNAL battery is charged to more than 75% of its full capacity.
- When the entire fuel gauge  in the battery symbol stays solid, it indicates the INTERNAL battery is fully charged.

C. Charging a CAMERA battery in the battery port

To charge a CAMERA battery in the battery port of **GO! Universal Charger**,

1. Check the remaining power in the internal battery of **GO! Universal Charger** and be sure it has enough power to fully charge the camera battery. If it is less than 25%, connect it to AC power by using the AC power adapter included in the package.
2. Set the **ON/OFF Switch** ① at its rear end to **ON** position.
3. Install a CAMERA battery in the battery port of **GO! Universal Charger** by following the instructions below.
 - ◆ Compress the **Release Buttons** ⑤ at both sides of the battery stop and slide it back to the end next to the LCD display.
 - ◆ Insert the Li-Ion CAMERA battery you wish to charge onto the **Battery Charging Port** ④.
 - ◆ Align **Charger's Contact Pins** ③ with the \oplus and \ominus terminals as indicated on the camera battery. Some batteries may have a 3rd or 4th terminal. It is not necessary to connect charger's contact pins to these terminals. The charger will automatically detect the polarity and voltage of the battery for proper charging.

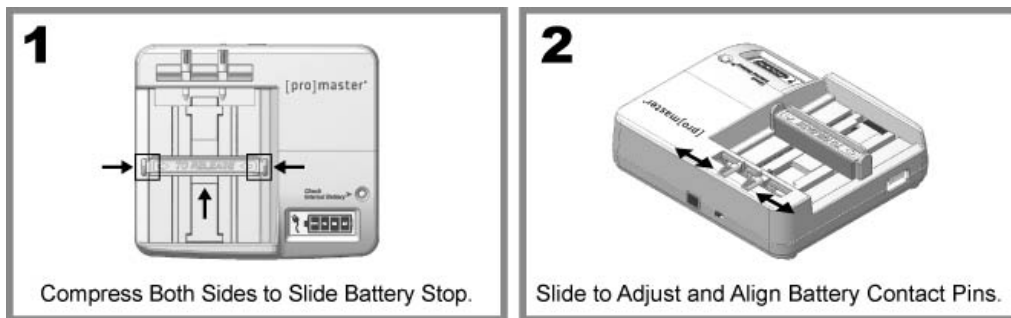


Fig. 2

- ◆ Some camera batteries have a special connector for its \oplus and \ominus terminals. To charge this type of battery, refer to **Fig. 3** to choose the correct type of contact pins on the charger for charging your battery.
- ◆ Compress the **Release Buttons** ⑤ on both sides and slide the battery stop against the end of the battery to hold the battery in place.

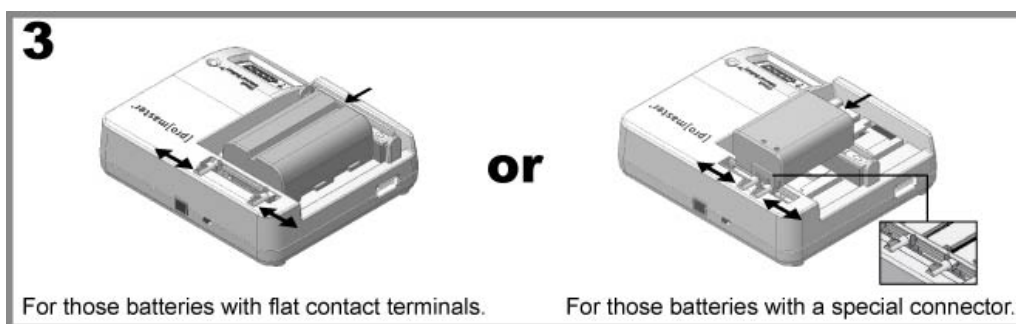









Fig. 3

- ◆ The **GO! Universal Charger** will begin to quick charge the CAMERA battery installed in the battery port and display the charge progress with the **4-Level Fuel Gauge** ⑧ as below :
- When the 25%  symbol stays solid and the fuel gauge 50%, 75% and 100% symbols are blinking, it means the CAMERA battery is charged to more than 25% of its full capacity.
- When the 50%  symbol stays solid and the fuel gauge 75% and 100% symbols are blinking, it means the CAMERA battery is charged to more than 50% of its full capacity.
- When the 75%  symbol stays solid and only the 100% indicator remains blinking, it means the CAMERA battery is charged to more than 75% of its full capacity.
- When the entire fuel gauge  in the battery symbol stays solid, it indicates the CAMERA battery is fully charged.

Note : If the **GO! Universal Charger** is connected with AC power to charge a CAMERA battery in its battery port, it will commence charging its INTERNAL battery after the CAMERA battery is fully charged.

- ◆ Due to the protection circuitry built into a Li-Ion battery, some camera batteries that have not been used for an extended period of time may have very low or zero voltage and are detected as defective batteries. To re-activate this kind of camera battery and charge it properly & safely, press and hold the “Booster Switch” (**Touch Switch** ) located on the upper right corner of the LCD display for at least 10 seconds once you have inserted the camera battery. It may be necessary to repeat the boost procedure several times to successfully re-activate a camera battery. If the camera battery still does not begin to charge after performing the boost procedure 3~5 times, the camera battery may be faulty or dead and should be discarded. All rechargeable batteries can only be used a specific number of cycles before they wear out and require replacement.
- ◆ As soon as the battery is fully charged, the charger will switch to the “TRICKLE CHARGING” mode.
- ◆ Due to the advanced charging technology being used, it is safe to leave your battery in the charger after it is fully charged. To avoid unnecessary power consumption and prolong the operating life of the charger and its AC adapter, we do not recommend leaving the camera battery in the charger for the extended periods of time.

D. USB Power Supply Function

When the **ON/OFF Switch**  is set to the **ON** position, you may charge or power any compatible Cellular Phone, GPS, MP3, MP4 or PDA,...etc, by connecting the USB Power Port  of the **GO! Universal Charger** to your device with a USB cable.

IMPORTANT NOTES :

- ◆ All batteries will naturally discharge themselves over time even if they are not in use. To prolong their service life, it is recommended that you do not let a battery sit idle for more than two months without recharging. Also due to the self-discharge, be sure to recharge your batteries before you plan to use them.
- ◆ Batteries, the AC adapter and the charger will get warm during charging. This is normal.
- ◆ If the charger does not charge the battery, check to see if the battery is dead, faulty or worn out. All rechargeable batteries will eventually wear out after being used for a certain numbers of cycles.
- ◆ Always keep metal contacts on both charger and battery clean by wiping the surfaces with a dry, soft and clean cloth.
- ◆ Remove your battery from the digital camera or camcorder after use. These devices will continue to drain a small current from your battery even if they are turned off.

TROUBLE SHOOTING :

SHOULD YOU ENCOUNTER A PROBLEM, CHECK THE FOLLOWING CAREFULLY BEFORE SENDING THIS PRODUCT FOR REPAIR.

The charging indicator does NOT display when the charger is powered and the battery has been inserted

- ◆ Battery contacts may not be touching contacts on the charger properly. Unplug the charger from the power source and check that the battery is properly seated on the charger.
- ◆ Check to make sure metal contacts of both charger and battery are clean.
- ◆ Try charging another battery on this charger. If the charger works with a different battery, the 1st battery is either faulty or dead.

The battery takes a very short time to reach full charge

- ◆ There may be still some power left in the battery prior to being charged.
- ◆ The battery is getting old and should be replaced.

The battery provides a much shorter operating time after being fully charged

- ◆ The battery may have sat idle without being charged for too long and has lost some of its usable life.
- ◆ The battery is worn out and about to reach the end of its service life. All rechargeable batteries will eventually wear out after being used for a certain number of cycles.

CAUTIONS :

- ◆ Always unplug the **GO! Universal Charger** and set the power switch to “**OFF**” position when not in use.
- ◆ Always replace frayed or damaged wire and broken plugs immediately.
- ◆ Always set the power switch to the “**OFF**” position before cleaning.
- ◆ Recharge the **GO! Universal Charger** with the power adapter included in this package only.
- ◆ Do not store, place or use the **GO! Universal Charger** where it could come into contact with water or moisture.
- ◆ Do not use the **GO! Universal Charger** under direct sunlight or in an unattended vehicle.
- ◆ Do not short-circuit the metal contacts of the charger or camera battery.
- ◆ Do not disassemble, deform or reconstruct any part of the **GO! Universal Charger**.
- ◆ Do not dispose of the **GO! Universal Charger** in fire.

SPECIFICATIONS :

Input Power : 12~24VDC, Min. 10W

Output Power : 4.2V/8.4V DC, Max. 800mA (with Auto. Detection)

5.0V DC, Max. 1000mA (For USB Power Port)

ESTIMATED CHARGE TIME :

<u>Battery Capacity</u>	<u>Approximate Charge Time</u>
3.7V, 1100 mAh	100 minutes
7.4V, 950 mAh	117 minutes

ONE YEAR UNCONDITIONAL WARRANTY

If for any reason, this ProMaster product fails within ONE YEAR of the date of purchase, return this product to your ProMaster dealer and it will be exchanged for you at no charge. ProMaster products are guaranteed for ONE FULL YEAR against defects in workmanship and materials. If at any time after one year, your ProMaster product fails under normal use, we invite you to return it to ProMaster for evaluation.

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Code 9553

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