

## **Xtra**Power

### **Universal** Lithium Ion

# **Battery Tester**

(For 3.6V ~ 7.4V Digital Camera, Camcorder & Cell Phone Batteries)

PLEASE READ THE INFORMATION AND FOLLOW ALL INSTRUCTIONS THOROUGHLY BEFORE USING THIS PRODUCT.

### PRODUCT ILLUSTRATION



- ① Contact pins
- 2 4-Level (25%, 50%, 75%, 100%) LED Fuel Gauge
- 3 + Contact pins

#### **OPERATING INSTRUCTIONS**

- 1. This tester is designed to test the remaining power of  $3.6V \sim 7.4V$  rechargeable Li-lon digital camera, camcorder & cell phone battery.
- 2. Refer the symbols embossed on this tester and adjust and align the + and contact pins with the + and terminals of the battery. The tester will not work if the battery is connected reversed polarity. (See Fig. 1).

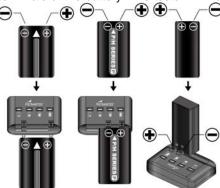
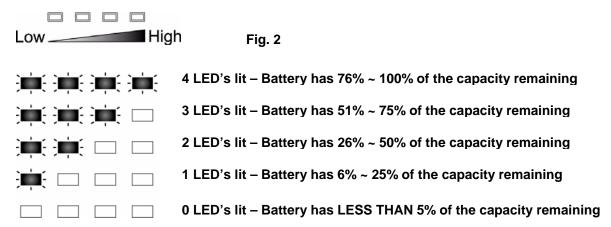


Fig.1

3. When the Li-Ion battery is connected properly, the LED's on this tester will automatically light up. The remaining capacity of the battery will be indicated as follows: (See Fig. 2)



- 4. If NONE of the 4 LED's light up after a battery is properly connected. Your battery should be recharged immediately to prolong its service life.
- 5. Remove your battery from this tester as soon as the test is completed.

#### **IMORTANT NOTES**

- 1. All batteries will naturally discharge themselves over time even if they are not in use. It is possible you may get a lower measurement than expected even if you have recently charged the battery.
- 2. When not in use, do not connect your battery to the tester or leave it in your electronic devices (such as digital camera, camcorder, etc.) for extended periods of time. These devices will continue to drain a small current from your battery even if they are turned off.
- Always keep metal contacts on both this tester and your battery clean by wiping the surfaces with a dry, soft and clean cloth.

#### TROUBLE SHOOTING

SHOULD YOU ENCOUNTER A PROBLEM CHECK THE FOLLOWING CAREFULLY BEFORE SENDING THE TESTER FOR REPAIR.

#### None of the 4 LED's light up after a battery is connected to the tester

- \* Battery terminals may not be touching contact pins on the tester properly. Check the connection between your battery and the tester. Also make sure the battery is connected with correct polarity.
- \* Check and make sure metal contacts of both charger and battery are clean.
- \* Your battery may be completely drained. Recharge it immediately to prolong its service life.
- \* If the tester is still not working properly after the battery is charged, try testing another battery on this tester. If the tester works properly with the 2<sup>nd</sup> battery, the 1<sup>st</sup> battery is either faulty or dead.

# If a rechargeable Li-Ion battery gets a lower measurement than expected RIGHT AFTER being fully charged

• The battery is about to reach the end of its service life. All rechargeable batteries will eventually wear out after being used for a certain numbers of cycles.

#### WARNING

This universal tester is designed for using with 3.6V ~ 7.4V rechargeable Li-Ion Batteries. Other types of batteries cannot be tested with this unit.

#### **CAUTIONS**

- \* Do not store, place or use the tester where it may come into contact with water or moisture.
- \* Do not short circuit the + and terminals of your battery or this tester.
- \* Do not disassemble, deform or reconstruct any part of the tester.
- \* Use this tester with the specified type of Li-Ion batteries only.
- \* Always connect the battery to this tester using the correct polarity.
- \* Remove your battery from this tester immediately after finishing the test.

### LIMITED WARRANTY

This product carries a full one-year warranty from date of purchase against defects in materials and workmanship. This warranty does not cover damage resulting from accidents, misuse, unauthorized repair/alternations to the product or failure to follow operating instructions. If the product should become defective within warranty period and under the abovementioned conditions, please return it to the store you originally purchased it with proof of purchase for repair or replacement free of charge.



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