

Li-pocket charger OPERATION MANUAL

MM-CTXLI

The Li-pocket charger (referred to as the LC) is a handy charger system for rechargeable Lithium batteries for R/C use. With the latest technology developed by our team of R&D, Muchmore introduces the next generation of Li-Po charger for all R/C drivers. The LC can fully charge Lithium batteries up to 4 cells at 0.3~3amps using constant current and voltage. Three step switch and an Enter button enable to operate the LC quick and easy.

- 2 LEDs indicates the state of charging.
- DC 10-15V widen the power input.
- A microprocessor controls the output voltage and current accurately.
- 6 charging currents for charging a wide range of applications.
- Safety alarm tone to avoid continuous charge which could cause battery bulge, leakage, explosion.

SPECIFICATIONS

Dimensions.....	93x57x25mm
Weight.....	102g
No. of cells.....	1-4 (Automatically selected)
Max charge current.....	0.3-3.0A (adjustable)
Input Voltage.....	10.0-15.0V
Output Voltage.....	4.2V(1cell), 8.4V(2cell), 12.6V(3cell), 16.8V(4cell)
Charging Capability.....	50-10000mAh
Protection.....	Reversed battery connection, short circuit
Key.....	1 (Enter)

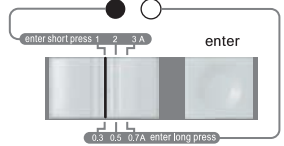
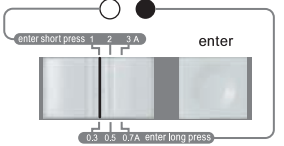
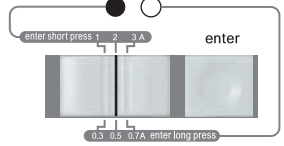
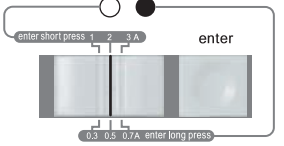
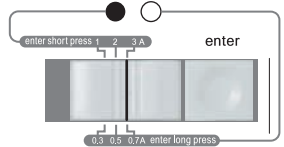
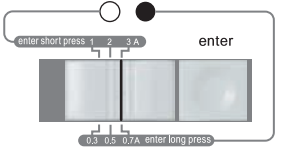
Cautions

To reduce the risk of injury, use only rechargeable Lithium/Lithium-Ion, Lithium/Lithium Polymer batteries with the LC. Do not leave the LC unattended. The remote possibility of a failure could cause an extreme overcharge. This could cause the battery to rupture. Check your battery pack occasionally for overheating or swelling. If cells are too hot to touch or swollen, there is something wrong and the pack must be disconnected from the charger immediately. Muchmore Racing (or their associated distributors) shall not be liable for any property damage or personal injury which may result from the failure to follow these instructions or other improper use of this product. Avoid any contact of your LC with water or other liquids. Never charge any Lithium/Lithium-Ion/Lithium Polymer battery unattended. Please refer to the cell manufacturer's instructions for charging information. Never operate on carpets, cloths, pit towel or other flammable materials. Never cover the holes on the LC. Disconnect the LC from power supply when not in use. Only charge serially switched battery packs containing 1~4 cells. Never charge parallel switched cells. Refer to the cell manufacturer's instructions for further information. Never connect the LC directly to an AC (110/230V) power source. For best performance, we recommend the Power Master2 (24A power supply #MM-CTXP3) or Power master mini (#MM-CTXPM). New charger may produce a slight odor/odour in the first few hours of service due to materials curing inside the device-this is normal.

Operation process:

1. Connect the LC to 12V DC power supply (10-15V), the blue and white LED will blink in turn. If the LEDs are off, check the connection of the DC power input.
2. Choose charging current according to the battery capacity and charging time.
3. Connect charger output to battery. Ensure the battery's polarity is correct.
4. Push the enter button shortly or hold the button down according to the following chart (Charging current switch combination VS charging current).
5. The LC makes a short beep sound if the battery is charged more than 80%. This means charge is finishing.
5. If the blue or white LED is blinking, the battery is fully charged.

Charging current switch combination VS charging current

enter short press (blue is on)	Charging current	enter long press (white is on)	Charging current
	1A charge		0.3A charge (300mA)
	2A charge		0.5A charge (500mA)
	3A charge		0.7A charge (700mA)

Trouble shooting

If the blue and white LEDs are blinking simultaneously with beep sound, it means an error occurred. You should check the following.

- Check output alligator clips. (No battery connected)
- Battery reversed. (Check polarity)
- The battery is damaged.

PRODUCT WARRANTY

MUCHMORE RACING warrants their Li-pocket charger to be free from defects in material and workmanship for a period of 120 days from the date of purchase. This warranty applies only to the original purchaser. MUCHMORE RACING (or their associated distributors) will repair or replace without charge, or refund the purchase price of any product which fails during the warranty period by reason of defect in material or workmanship found upon examination by MUCHMORE RACING to have been the cause of failure. This warranty does not cover any failures attributable to abuse, mishandling, failure to follow operating instruction, alteration or accident. To make a claim under this warranty, the purchaser must return the product to MUCHMORE RACING (or the relevant Countries associated distributors) at the address shown below, properly packed and with shipping charges prepaid. All claims must be made within thirty (30) days from the product failure and, in any event, within thirty (30) days of the expiration of the 120 day warranty. All claims must be accompanied by a sales slip or other written proof of date of purchase. The maximum repair costs for any failure caused by the purchaser are 50% of retail price (original purchase price). Since we cannot supervise the proper use of our products, we can not accept any liability for direct or indirect damage of any type arising from their use or occurring to the property of the user and/or third parties. Therefore, any use of this product shall take place at the user's own risk. The warranty claim may not exceed the value of this product in any case. By putting this product into operation you accept the above conditions and assume full responsibility for use of this product.



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