

# MAXPRO Battery Detector LCD-6 Manual

## Features

1. Use for RC model's battery voltage diagnosis and measurement.
2. High precision display of unit cell voltage for 1 to 6s Lithium packs, and 3-step battery icon.
3. 50mmX27mm large LCD can display up to 6cells unit voltage & total voltage clearly & directly.
4. Timer mode can count the flying time
5. LED can remind the user once unit cell voltage drops to 3.50V.
6. Reverse polarity protection for cell input

## Specifications

1. Use for 1~6s Lipo/Li-ion/LiMn
2. Voltage display resolution: 0.01V. Voltage detection precision: 0.5%
3. Unit voltage display range: 3.00~4.99V, Total voltage display range: 3.00~29.99V
4. Time display resolution: 1 second. Time display range: 0:00~29:59
5. Current loading of test: 10mA
6. Pins distance: 2.54 mm
7. Size: 64x36x6mm, Weight: 20g

## Instructions

1. Input unit voltage should be 3.00V~4.99V. If the unit voltage is under 3.00V, there is no display on the LCD. If the unit voltage is above 4.99V. it will hurt the LCD-6.
2. Connect the LCD-6 to the battery's balance adapter (P1), and attention the anode & cathode. If the polarity is reversed. no display on the LCD-6. If the battery is below 6 cells, pls connect the balance adapter from the cathode side (P3).
3. After the LCD-6 detect right input, LCD screen will display battery icon, total voltage and unit voltage. From the Left-up to the right-down, unit voltage is the 1st to 6th (P1)
4. Timer mode will count the flying time if user put the LCD-6 on the aircraft. Short press the button, the position of total voltage will switch to the timer(P2), beginning from 0:00. the unit voltage is still on screen. Short press the button again, switch to the total voltage. Under the timer mode, long press the button, timer will stop.
5. 3-step battery iron,  
4.20~4.01V, three steps  
4.00~3.51V, two steps  
3.50~3.00V, one step
6. If the user put the LCD-6 on the aircraft. LED & buzzer will remind the user when one of unit voltages is below 3.50V (P3). It means the aircraft should be landed ASAP.

