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.