Cell Meter/LiPo Alarm

Digital Battery Meter

Manual

Part No. 01445

Specifications :

- Battery range : 1S ~6S LiPo/Li-Ion
  4S-12S NIMH/NICD
- Voltage display resolution : 0.001V
- Voltage detection precison : 0.005V
- Cell display range : 1.50 ~ 4.99V
- Total Voltage display range : 3.00 ~ 29.94V
- Alarm Cell Voltage : 3.00 ~ 4.00V
- Consumption: 8mA
- Reverse polarity protection
- Size : 80x25x12mm
- Weight : 12g

The LiPo Alarm is a microprocessor-controlled high precision voltage detector, which allows you to monitor and measure every individual voltage of a LiPo battery accurately. The screen will display : the total battery voltage (T), the largest difference between the individual cell voltages (D) and the individual cell voltage 1S~6S
The LiPo Alarm can also be installed on many RC models to monitor the voltage. When the voltage of one of the cells of the battery drops below a specific adjustable voltage, the extra large LED will start blinking and the sound signal will beep loudly, indicating it's time to land the model.

Use

Connect the balancer connector to the LiPo Alarm. Make sure that the negative wire (black) on the balancer connector is connected to the GND pin on the LiPo Alarm.
The different values that are measured will appear alternatingly on the screen.

- Push the PRESET button and set the voltage at which the LiPo Alarm you wish to warn. Push the PRESET button multiple times from 3.0V to 4.0V until the value is set correctly and once set the desired Voltage appears, press and hold the PRESET button for 3 seconds. The voltage at which the LiPo Alarm will go off is now set and stored.

- The LiPo Alarm can be used as a monitor while charging, discharging and to check the battery on the field as described above. During charging the LiPo Alarm will warn if the voltage exceeds 4.22V per cell and during discharging when the voltage drops below the PRESET voltage (3V-4V).

Symbol Description
T: Total battery voltage
D: Difference between lowest and highest individual cell voltage.
1S: voltage of the 1st cell, 2S:voltage of the 2nd cell,.....

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