

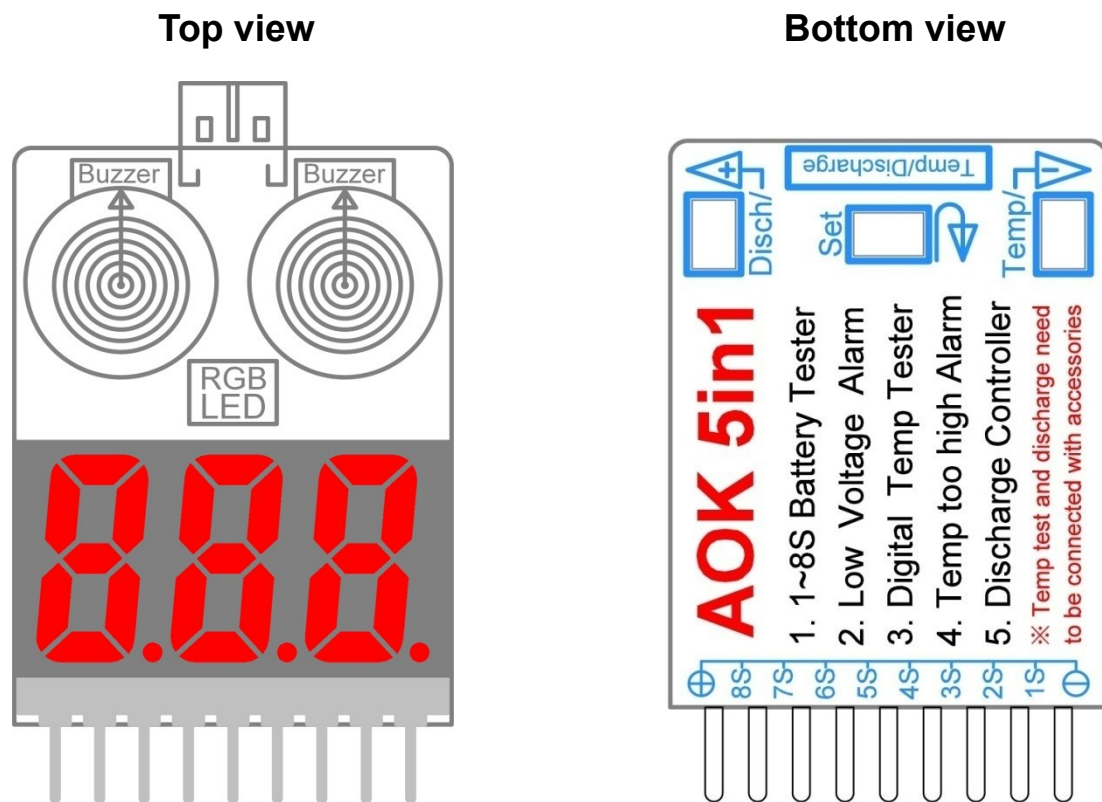
# AOK 5in1 User Manual

## Function

- ◆ 1Cell~8Cell Lithium battery pack voltage test.
- ◆ Lithium battery low voltage sound and light alarm. (Low alarm value can be set)
- ◆ Digital temperature Meter. (Temperature value user self calibration)
- ◆ Digital temperature over temperature alarm. (Temperature alarm value can be set)
- ◆ Can control the rapid discharge of the lithium battery pack.
- ◆ RGB LED display battery voltage status.
- ◆ Two high (110dB) buzzer sound alarm.
- ◆ 0.36 INCH RED super high brightness LED digital display screen.
- ◆ The input and output ports are equipped with anti reverse protection circuit.

※ This product can not be independent of the use of high power Discharge mode, need to cooperate with the AOK high power bulb discharge module use.  
(Please cooperate with 50W or 150W discharge module)

## Product Diagram

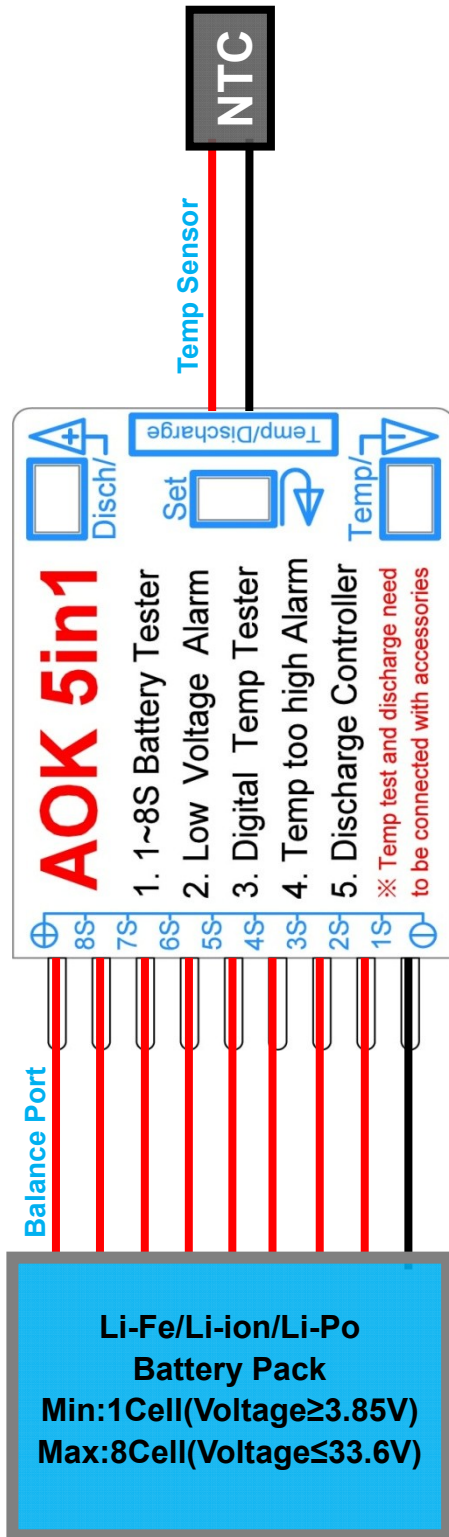


### RGB-LED color display and battery Cell voltage:

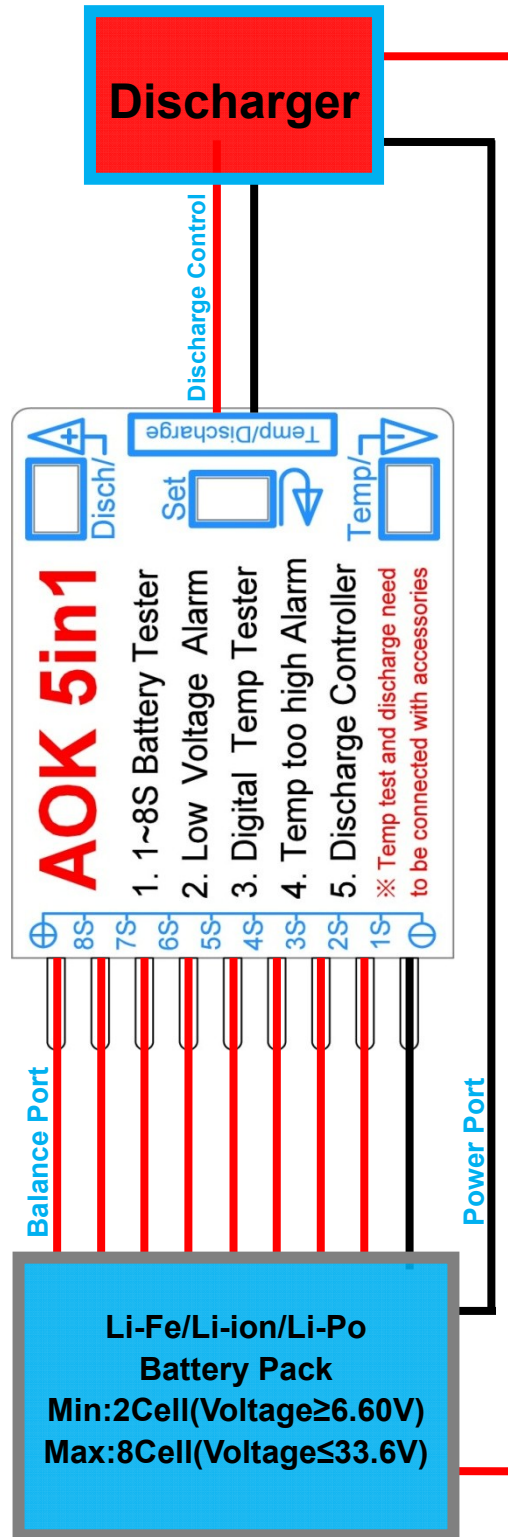
Red (Min Cell Voltage<3.7V) Blue (Min Cell Voltage<4.0V) Green (Min Cell Voltage>4.0V)

# Product Connection Diagram

## Voltage and Temp test

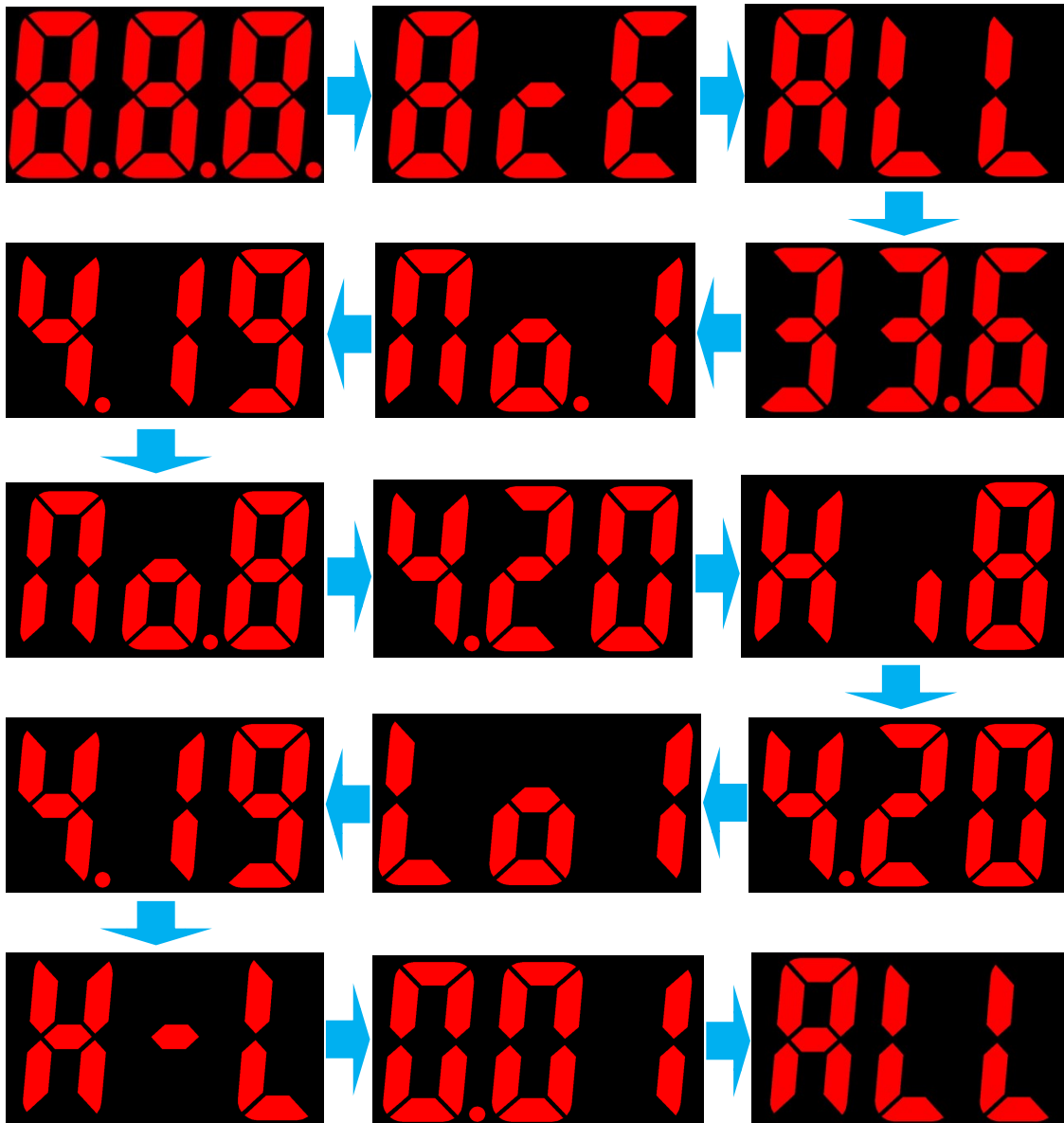


## Battery Discharge

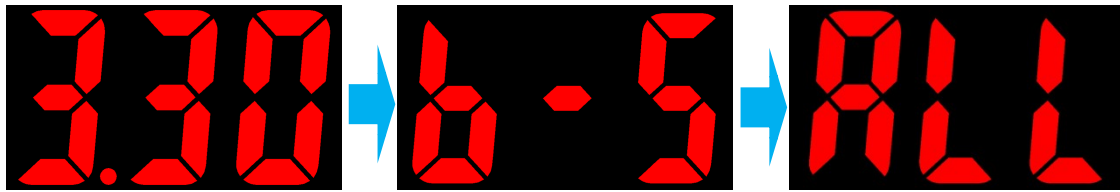


## Product Use and Display

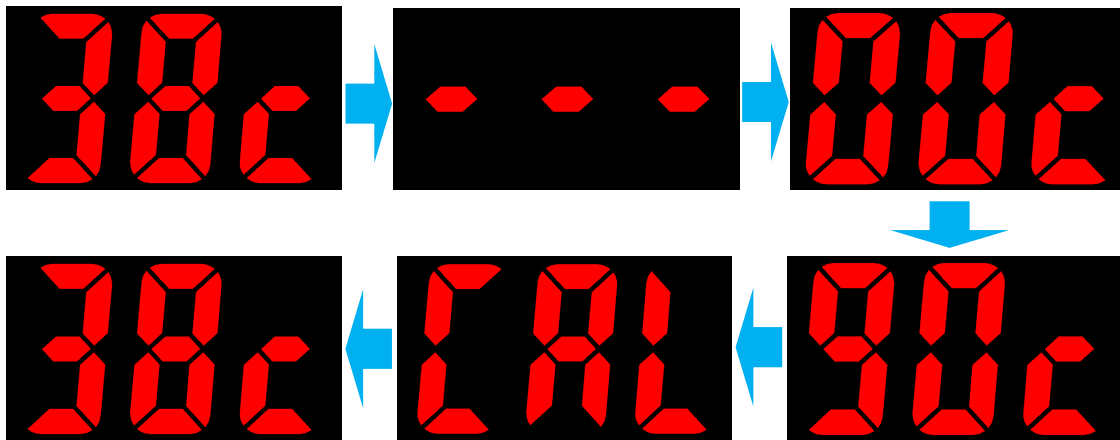
- After the product power is connected, the digital tube display full screen display, the firmware self check hardware. showing that the total voltage of the battery 8cE, Display 8cell for the detection of access to the battery for the ALL. Show the total voltage of 33.6 for the detection of access to the battery is 33.6V。 Display No.1 1# Cell Battery, Display 4.19 for the detection of the voltage of the 1# 4.19V。 Product will be based on the access to the battery Cell number can only show:No.1,4.19...No.8,4.20。 Hi-8 indicates that the 8# is the highest, 4.20 voltage for the highest voltage 8#.Lo1 indicates that the 1# is the lowest, 4.19 voltage for the lowest voltage 1#。 H-L indicates that the battery pack is the highest cell voltage minus the minimum cell voltage,0.01 for the voltage difference 0.01V.



- Voltage display mode, Press Set button, Low voltage alarm setting, Default value is 3.30V, Parameter is set to step 0.05V, Press + key or - key to adjust the parameters. Press the Set button again, Enter the buzzer volume adjustment mode, Show b-5 Beep's volume is 5, Default value is 5. Parameter adjustment range 0-5, 0 is off buzzer for Mute mode, Press + key or - key to adjust the parameters. press the Set button to complete the set, Save current settings and exit the alarm parameter settings mode.

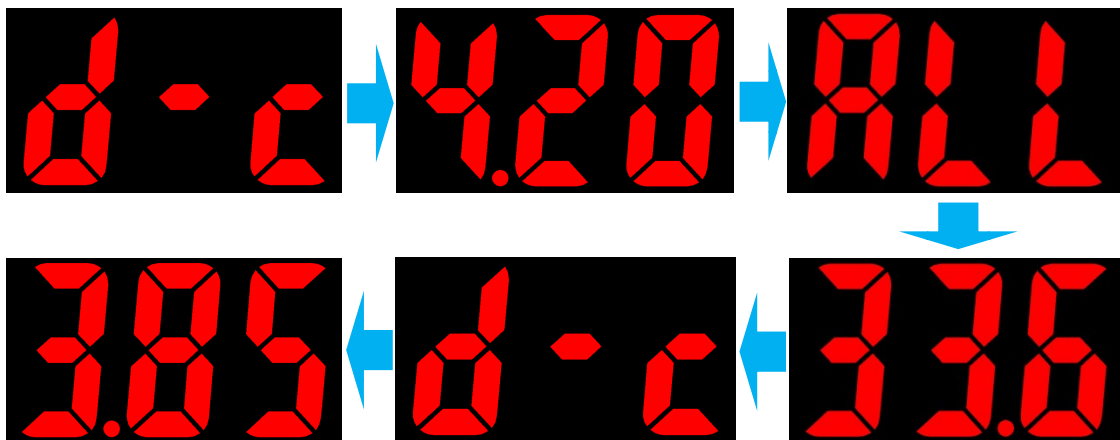


3. Voltage display mode, Press Temp button to enter the temperature display mode, 38c for the current temperature is 38 degrees Celsius, Display - - - refresh a current temperature. If there is no temperature sensor connected to the product, Temperature display mode will display 00c. Temperature display mode, Press Set button, High temperature alarm parameter settings, Default value is 90°C, Parameter is set to step 5°C, Press + key or - key to adjust the parameters. Press the Set button again, Temperature calibration mode, Display CAL for temperature calibration mode, press + key or - key for real-time temperature calibration, Parameter settings for step 1%. Press the Set button to complete the set, Save the current setting parameters and exit temperature high temperature alarm and temperature calibration value parameter setting mode.



Description: in the temperature display mode to press Temp button to return to the voltage display mode.

4. Voltage display mode, Press Disch (Discharge) to enter the control mode of the high power Discharger, Display d-c for high power discharge mode, 4.20 for battery pack lowest Cell voltage value, ALL represents the total voltage of all batteries, 33.6 for the total voltage value is 33.6V, Cyclic display. Press Set to press the button on the discharge mode, Set mode for the lowest voltage value of the discharge, Default value is 3.85V, Parameter is set to step 0.05V, Press + key or - key to adjust the parameter. Press the Set button to complete the set, Save settings and exit the discharge voltage parameter settings mode.



Description: in the high power discharge mode to press Disch (Discharge) button to return to the voltage display mode.