

Dual Battery LED Monitor

Qty	Part Included
1	Potted Circuit Board with pigtails
2	LED Panel Holders

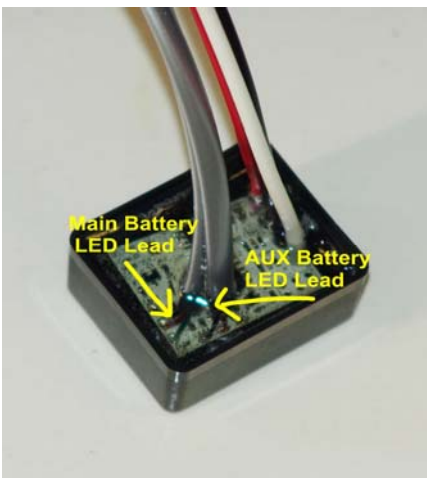
Thank you for purchasing these Slee parts. All attempts have been made to supply parts in perfect condition with complete installation hardware. However should you have any problems with the condition of the parts or find any parts missing, please do not hesitate to contact us at 1888 4X4 SLEE or info@sleeoffroad.com

Your Slee parts are guaranteed free of defect in material and workmanship for a period of one year from date of purchase. Should you experience any problems, please contact us directly to resolve any issues.

Wire Color	Function	Hook-Up
RED	12V MAIN BATTERY	IGNITION SOURCE – MAIN BATTERY +12V
BLACK	GROUND	CHASSIS GROUND
WHITE	12V AUXILIARY BATTERY	CONNECT DIRECTLY TO AUXILIARY BATTERY +12V

The Slee dual battery LED monitor was designed to provide visual monitoring of the voltages for two batteries. The system is connected to the main battery via an ignition source (+12V) and directly to the auxiliary battery +12V. Each LED indicates the voltage of a battery. The LED's change color depending on the battery voltage it senses. Below is a chart of the LED colors and the voltage range it represent. The system is turned on via the ignition source and will stay active until the ignition source is turned off.

LED Color	Status
GREEN FLASHING	OVERCHARGING – Voltage at battery is greater than 14.7v
GREEN	CHARGING – Battery is receiving normal charging voltage – 13.1V to 14.6V
ORANGE	BATTERY OK – Battery is charged – 12.1V to 13V
RED	BATTERY REQUIRES CHARGING - 11.5V to 12V
RED FLASHING	BATTERY DISCHARGED – 3V to 11.4V
NONE	LESS THAN 3V – NO BATTERY PRESENT (ONLY APPLIES TO AUXILIARY BATTERY HOOKUP) - This enables the 2 LED system to be used without an auxiliary battery present. This prevents a RED flashing LED on the AUX LED. The system will flash the LED during the first second that power is first applied. This is a LED check. After 1 second if the voltage remains below 3V then it assumes no battery is present and stops flashing.



The LED's are mounted using the included panel holders. Drill a ¼" hole, insert the holder from the front, and then install the LED from the back. The LED will clip into position.

The photograph shows the leads for the LED's and how to indicate what LED is assigned to what battery. When looking at the box from behind, and the red / white / black wires are on the top right, the lead on the left is the main battery LED and the lead on the bottom is the auxiliary battery LED.