

Smart Volt Meter



Works with: 2S LiFe, 3S LiFe, 2S LiPo, 3S LiPo, 4S NiMh, 5S NiMh battery packs.

Plug the Smart Volt Meter into the Steering or Aux channel on your radio receiver. Turn On battery power. Within the first 5 seconds you should press the yellow button to change the volt meter to the appropriate mode that matches your battery pack.

Two **Amber** LEDs = 2S LiFe (6.6v)

Two **Red** LEDs = 2S LiPo (7.4v)

Four **Green** LEDs = 4S NiMh (4.8v)

Three **Amber** LEDs = 3S LiFe (9.9v)

Three **Red** LEDs = 3S LiPo (11.1v)

Five **Green** LEDs = 5S NiMh (6.0v)

Once you have selected the appropriate battery type stop pressing the button and the volt meter will switch to voltage display mode.

There are 3 different ways to display the voltage. Regular mode, Scrolling mode, and Power Conservation mode. Press the yellow button to switch between the 3 different display modes.

In **Regular mode** a fully charged battery will show up as 6 green LEDs. As the voltage drops, the volt meter will drop down to 4 green LEDs. Then as the voltage drops more the LEDs will turn amber. Then as the voltage drops more the LEDs will turn red. Stop using the battery pack once the red LEDs start flashing back and forth, because it's time to charge the battery pack.

In **Scrolling mode** a fully charged battery will show up as green LEDs scrolling back and forth. As the voltage drops the LEDs scrolling speed will get slower. Then the LEDs will turn amber and move slower. Then as the voltage drops more the LEDs will get even slower and turn red. Stop using the battery pack once the red LEDs start flashing back and forth, because it's time to charge the battery pack.

In **Power Conservation** mode only the two center LEDs will light up every 5 seconds. This uses very little battery power, but still lets you see the battery's charge level. As the voltage drops the two center LEDs will turn amber. As the voltage drops even lower the two center LEDs will turn red. Stop using the battery pack once the red LEDs start flashing back and forth, because it's time to charge the battery pack.

Glitch Display: The Smart Volt Meter has the ability to count up to 6 radio glitches. Hold down the yellow button as you turn on the battery power. The Smart Volt Meter will now light up amber LEDs for the number of radio glitches that it detected during your previous run. *For example:* If you had 4 radio glitches then 4 amber LEDs will be flashing. If you had 0 radio glitches then the amber LEDs will scroll left to right continuously. To return to regular voltage display mode turn the battery power off and back on.

Trouble Shooting: If 6 green LEDs are constantly flashing you may have the volt meter set for the wrong type of battery, or your battery is putting out too high voltage. If the LEDs are dimly lit you may have the power plug inserted backwards, or your battery is drained very low.

You can use some dabs of clear "Shoe Goo" to seal up the 2 ends of the heat shrink covering to make the Smart Volt Meter dust and water resistant. The Killer RC warranty does not cover damage caused by liquids.

We highly recommend that you watch the Smart Volt Meter instructional video on the www.KillerRC.com website.