

COMMON SENSE RC

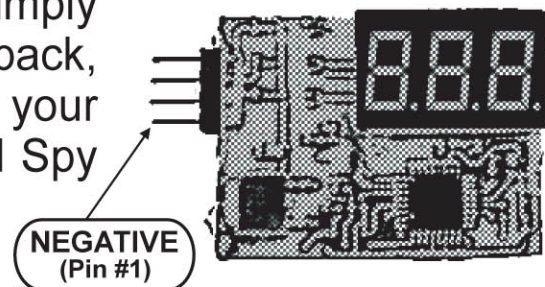
THE "GO TO" GUYS IN ELECTRIC POWER

CELL SPY INSTRUCTIONS

Thanks for purchasing a Common Sense RC Cell Spy – the most convenient way to check the balance and voltage of your 2 & 3 cell Lipo packs. (Larger packs can be checked as well).

This unit will read back the individual voltages of the cells in your Lipo pack. It has 2.5mm pin spacing, which is used by Common Sense RC as well as almost all other Lipo manufacturers. If your battery pack has 2mm spacing (used by Thunder Power and CellPro), you will need to use our Part# TP2UB adapter to convert the spacing to 2.5mm

To use your Cell Spy with a 2-3 cell Lipo pack, simply plug it into the balance connector of your battery pack, being sure to connect the negative port on your balance connector to the negative pin of the Cell Spy (the negative pin is the one furthest from the edge of the circuit board).



The unit will power up and begin displaying voltages from your pack. Allow about 6 seconds for the voltage reading to stabilize when you connect to a pack. The LED display will flash twice to indicate that it is ready to read.

The display works a bit differently from how you might expect. The dot in the bottom of the display is not the decimal point – it indicates which cell is being read. As it moves from right to left, it progressively indicates cell 1, cell 2, and cell 3. The display is accurate to 0.01V, so if it is displaying 413, then the cell it is testing is at 4.13V.

4.20.
(cell 1)

42.0
(cell 2)

4.20
(cell 3)

To test packs with more than three cells, simply start at the negative port on the balance plug, and once you have checked the first three cells with ports 1-4, move the checker up the balance plug so that pin 1 on the checker is plugged into port 4 on the balance plug. Repeat as necessary, moving the checker 3 pins up each time.

When you're done checking voltages, be sure to disconnect the Cell Spy to prevent it from slowly discharging your pack.