

COMMON SENSE RC

THE "GO TO" GUYS IN ELECTRIC POWER

**Cell Spy Platinum - Operation Manual
Voltage Tester for 1-6 cell Lipo****(Lithium Polymer) Batteries
Part # SPY-PLAT**Contact us by phone at (866) 405-8811 or by email at support@CommonSenseRC.com**Thanks for purchasing a Common Sense RC Cell Spy Platinum – the most convenient way to check the balance and voltage of your 1-6 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 FlightPower), you will need to use our Part # TP2UB adapter to convert the spacing to 2.5mm.

To use your Cell Spy Platinum with a 1-6 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 Platinum (the negative pin is the one at the bottom edge of the circuit board, marked with a "-" sign). If you plug in the Cell Spy Platinum incorrectly, neither the battery nor the unit will be damaged; the unit simply won't power up.

Once plugged in correctly, the unit will power up and show "dSP" (display), then begin reading the individual cell voltages of your pack. The display will show "No 1" to indicate cell #1, followed by the voltage of that cell. This voltage number will normally be somewhere between 3.70 (discharged) and 4.20 (fully charged) with no load on the battery. The Cell Spy Platinum will then cycle through the voltages for cell #2, cell #3, and so on. Once all of the individual cell voltages have been read, the display will show "ALL", followed by the total voltage of the pack. The Cell Spy Platinum will then begin cycling through the voltage readings again, starting with cell #1.

To test packs with more than six cells, simply start at the negative port (port 1) on your battery's balance plug. Once you have checked the first six cells by using ports 1-7, move the Cell Spy Platinum up the balance plug so that negative pin of the Cell Spy Platinum is plugged into port 7 on the balance plug. This will allow the Cell Spy Platinum read the remaining cells in your pack.

When you're done checking voltages, be sure to disconnect the Cell Spy Platinum from your battery to prevent it from slowly discharging your pack and potentially damaging the cells.

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