



Please read and follow the instructions carefully.

The Duralite Plus Power Box is a positive step forward in the management of our model aircraft power system. It is designed to be used with Lithium-Ion and Lithium Polymer batteries. For best results only use Duralite Plus batteries with "Charge Safe Circuitry" built into each pack.

The Duralite Plus Power Box is designed to work with two Duralite Plus Lithium-ion batteries. Select battery packs based on aircraft size and your style of flying. Always charge batteries prior to use and check after each flight.

Plug the charged batteries into the Power Box taking care to note how the Multiplex connector fits into the panel. The + red wire should be next to the LED display.

The switch plugs into the right hand side of the power panel. Take care to insure that the plug on the switch is mated correctly to the port on the side of the box. Failure to do this will damage the power box.

The switch has three flush mounted buttons. The single button, labeled set, is used to arm the switch. The other two buttons turn each battery on or off individually. Press the arming button. When the light glows red continue to hold down. Next press the other two buttons either individually or together until the battery lights turn green. The Duralite Plus Power Box is now on.

If you unplug the Duralite Plus Power Box switch while the unit is on the Power Box will remain on. This safety feature is to insure that even in the unlikely event that the switch became detached or failed the Power Box will remain on.

There are a series of lights on each side of the power box. These lights indicate the battery charge condition on that side. The three green lights indicate safe power level in each pack. The yellow light indicates caution voltage and red light indicates stop fly voltage.

There are two remote LED's that can be mounted on either side of the fuselage or in the cockpit. They will glow red when the batteries have reached 7 volts and will flash red when the batteries reach 6.9 volts.

The Power Box leads with the ferrite rings plug into seven of the receiver channels allowing you to operate up to 24 servos. The Duralite Plus Power Box provides a plug-in position for each servo extension to providing direct power and signal from the receiver. Available receiver channels not being used by the Power Box can operate servos such as throttle, smoke, or retracts.

Please insure that you mount the power box in a manor to insure minimum vibration to the panel.

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