



“SuperRocker” Switch harness



General Information

You have invested in a unique type of heavy duty R/C switch harness with quality and performance standards much greater than any other R/C switch commonly available. To help familiarize yourself with its performance expectations and applications, please read the Tech Data and User's Guide thoroughly. Providing you keep within its performance data, it is designed to give your model a lifetime of dependable, problem free service.

Description: The SuperRocker is a Mil Grade mini double pole-double throw rocker switch capable of carrying currents associated with much larger switches. The rocker knob is white ink stamped(-0) to indicate the On/Off status.

Listing Agencies: USA - UL /Europe - CSA, VDE

Materials: Rocker Knob - Black Nylon 94v-2 Housing: Black Nylon 94v-2 Terminal/Stationary/ Moving contact: Copper alloy, Silver plated. Springs: Music wire. Plunger: Brass. The rocker knob is stiff action to guard against inadvertent operation and impact switching.

Quality - Excellence - Performance
For the Discriminating Radio Control Modeler
All products proudly made in the USA.

[Electrotek R/C](http://www.electrotekrc.com)

14667 Lafayette Circle, Magalia, CA 95954

Info: 1 530 873-6230

Support & Orders Toll Free, USA, Canada, Puerto Rico: 1 888 567-2862

E-mail: Tech Support, support@electrotekrc.com General Questions, info@electrotekrc.com



Mounting: Self locks without hardware when popped into the panel cutout.
Acceptable panel thickness range is .050" to .150" (1.27mm to 3.8mm).
(Please see template page 3)

Dimensions: W .756" (19.20mm) x H .508" (12.90mm) x D .508" (12.90mm).
This is approx. 3/4" x 1/2" x 1/2".

Performance Standards: Contact Resistance: Less than .01 Ohms at 10ma (initial).
Operating Temperature: 105 degrees C. Maximum.
High Voltage Dielectric Withstanding Voltage: 2,500v 60Hz for 1 minute between mounting surface and circuit connections.

Current Rating: 16 amps at turn-on 8vdc & 16 amps at turn-on 110 to 250vac.
These ratings are based on switching loads, standing loads increase these ratings.

Endurance/Lifespan:

- Minimum 1,000,000 operations at turn-on 8vdc
- Minimum 10,000 operations at turn-on 110 - 250vac
- Contact Width: .187" Contact Thickness: .031" Contact Type: Blade

Wire Harness: 22AWG Heavy 2 conductor bonded, 66 strand copper with gold Futaba "J" female plug(s) and Universal "S" male plugs soldered to heavy blade silver plated terminals and sealed permanently within Mil Grade self adhering heavy duty heat shrink for strain relief to prevent breaking from severe vibration.

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Versions: The 'SuperRocker' harness is offered in two versions:

Single Battery Pack:

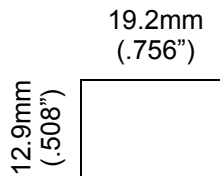
- One 12" Futaba "J" Female Battery Plug
- One 12" Universal "S" Male Rx Plug
- One 10" Universal "S" Male charge Plug

Dual Battery Pack:

- Two 12" Fut "J" Female Battery Plugs
- Two 12" Universal "S" Male Rx plugs
- Two 10" Universal "S" Male Charge plugs which are independently grounded for independent and simultaneous charging of 2 packs. Color coded for easy identification.

INSTALLATION

The acceptable panel thickness for the cutout ranges from 1.27mm to 3.8mm (.50 to .150) which equals (in inches) slightly over 3/64" to slightly over 1/8". Any hard panel surface is acceptable. If panel is made from balsa wood, harden the general cutout area inside and out with "thin" CA adhesive. Carefully cut inside the template lines, lay on panel and carefully cut inside the template lines. Lay on panel and carefully mark the cutout lines with a pencil or erasable ink. Insert wires from the outside and pop in or erasable ink. Insert wires from the out-pop in the "SuperRocker". The spring clips are "burred" for secure switch mounting.



Template

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USER'S OPERATIONAL GUIDE

Single Battery Version: The wire harness consists of 3 wires with plugs. The battery pack plugs into the 12" female plug. The 12" male plug goes to the receiver battery port. The 10" male plug is for charging the battery pack when the rocker knob is in the "off" position. If this unit does not include the optional convenience of a charge plug receptacle, there are a number of different brands available that are compatible. Check with your favorite hobby dealer or call Electrotek R/C for availability.

Dual Battery Version: Same as above except there are 3 additional wires/plugs for a second battery pack. All 6 plugs are color coded for easy identification. This harness is wired with no common "ground", which allows for independent/simultaneous charging of both packs without having to disconnect either pack.

If you require help or have any questions, please contact Electrotek R/C by telephone, fax or email at the phone number(s) or address listed below.

LIMITED LIFETIME WARRANTY

The 'SuperRocker' is warranted to be free from defects in material and workmanship for the lifetime of the original purchaser. If this product becomes defective, return it along with \$5.00 for shipping & handling to Electrotek R/C and it will be repaired or replaced at no additional charge for material or labor. Electrotek R/C is not responsible for damages or injuries that may result from exceeding its stated application ratings. In the event this product becomes defective from misuse or the abuse of its intended application for R/C models, this warranty shall become null and void.

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