

Solarity™ - Radio Motor Programming

Programming and Limit Setting Instructions

The following instructions are for Solarity™ factory set Radio Motors straight out of the shipping container!!

WAKING UP RADIO MOTOR AND CHECKING LIMITS

1. Power up one motor at a time. Motor will respond with a quick up/down jog.
2. Take remote/switch and put it on desired channel you want motor to operate on by pressing set button.
3. Press the UP and DOWN buttons together on remote/switch until motor gives you an up/down jog.
4. Locate programming button. For remote programming button on back. For switch button on front. Special instructions apply for other devices and additional steps may be needed. Press button until motor jogs up and down. Programming complete. *Please refer to attached packet for more details and steps if needed.



READJUSTING LIMITS FOR RADIO MOTORS

**If the upper and/or lower limit needs re-adjusting do the following:

TO CHANGE THE LOWER LIMIT: Move the motor to its current lower limit position and let it stop. Press the UP and DOWN buttons simultaneously until motor jogs, then release. Adjust to a new lower limit position. Press the STOP/MY button until motor jogs, then release. Check new limit.

TO CHANGE THE UPPER LIMIT: Move the motor to its current upper limit position and let it stop. Press the UP and DOWN buttons simultaneously until motor jogs, then release. Adjust to a new upper limit position. Press the STOP/MY button until motor jogs, then release. Check new limit.



NOTE: Add group channels and/or additional devices at time of programming as you go from shade to shade in the installation.

IPC.983/Rev.2

JUNIPER™ Commercial Window Treatments

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PLEASE NOTE: FOR ACCURATE PROGRAMMING OF ALL DEVICES, POWER MUST BE CONNECTED TO ONE SHADE AT A TIME.

ADDING ADDITIONAL TRANSMITTERS/DEVICES

1. Select a working channel on a previously addressed device and using a paperclip, press and hold the PROGRAM button until the shade responds with a quick up/down jog.
2. Select additional device, choose desired channel and using a paperclip, press and hold the PROGRAM button until the shade responds with a quick up/down jog. Additional (new) device is now added to shade memory and can be used to operate shade. Test operation.



ASSIGNING OR DELETING SPECIFIC CHANNELS TO SHADE

1. Select a working channel on a previously addressed device and using a paperclip, press and hold the PROGRAM button until the shade responds with a quick up/down jog.
2. Select the desired channel.
3. Press and hold the PROGRAM button on the device until the shade responds with a quick up/down jog. Additional (new) channel is now added or deleted to shade memory. Test operation.

SETTING AN INTERMEDIATE POSITION

(One intermediate position available per motor)

1. Press the UP or DOWN directional button on the previously addressed device until the shade reaches a desired intermediate position, then press the MY (stop) button to stop. If necessary adjust the desired position with a brief press of either UP or DOWN button.
2. Once the desired intermediate position is reached, press and hold the MY (stop) button on the transmitter until the shade responds with a quick up/down jog. Intermediate position is now added to memory.
3. Activate the shade intermediate position by pressing the MY (stop) button from ANY shade position. Test position.



TO DELETE: activate shade to intermediate position, then press and hold the MY (stop) button for 5 seconds. Shade will jog to confirm deletion. Check deletion.

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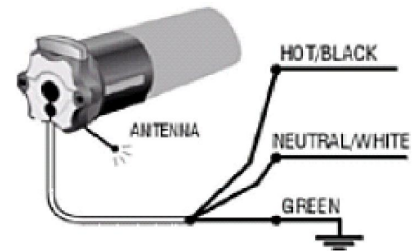
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PRE-WIRE FOR 110 V AC RADIO MOTOR

Wireless Radio Frequency Switch Applications

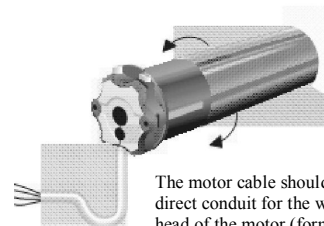
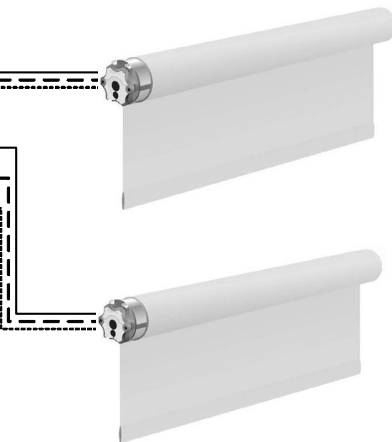
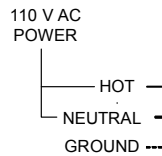
IMPORTANT MOTOR INFORMATION

1. Solarity Radio Motors can be wired in parallel (unlike non-radio AC tubular motors).
2. It is recommended that provisions be made to cut power to each motor individually when wiring motors with built-in radio receivers. This can be in the form of an in-line on/off switch, disconnect plug (Solarity offers a 4-wire connector), or a 3 prong plug into outlet. The ability to cut the power to each motor individually is required to program the receiver in the motor.
3. Motors draw up to a maximum of 1.1 amps at start up.
4. Mount motor heads at least 18 inches from each other to prevent RF interference.
5. Radio motors and receivers can be programmed to operate off a multiple radio switching input devices (hand-held transmitter, wireless in-wall switch, wireless radio sensor, or home automation interface module). Range from transmitter to motor head is up to 65 ft. A Repeater is available for applications beyond that range.
6. Radio motors and receivers can be programmed to operate individually and in groups.
7. All wiring must conform to the National Electrical Code and local codes.



ADDITIONAL PROJECT CONSIDERATIONS:

8. The typical wiring layout requires that an outlet, J-box or 4 wire connector (only 3 wires to connect) be located within reach of the six foot motor pigtail.
9. Install junction boxes in locations that do not interfere with the operation of the shade, allows for the motor hook-up and is aesthetically acceptable. Motors for Solarity Window Shading Systems can be located on either the left or right side. For pre-wire, leave 3-4 feet of extra 14/2 or 12/2 wire near head of window. Check with window treatment installer for help with J-box locations.
10. On exterior installations, always install the motor wire with a drip loop to prevent water penetration.



The motor cable should not act as a direct conduit for the water to enter the head of the motor (form drip loops)