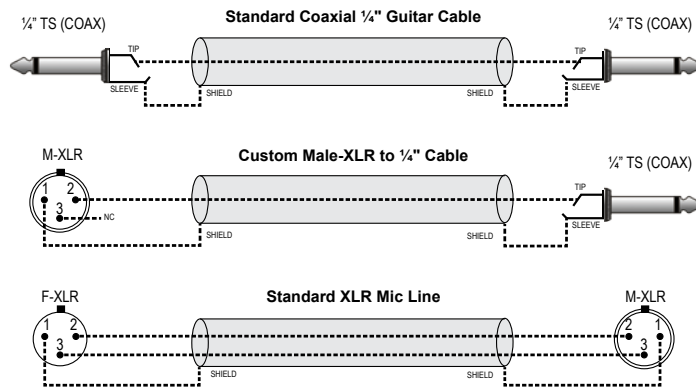


FEATURES

1. COMBO: Used to connect to remote device, provides locking connection for ¼" TRS or XLR-male terminated cable.
2. ACTIVE/PASSIVE: Selects active mode for use with Radial devices or passive mode for standard footswitch operation.
3. LED REV: Reverses the operation of the LED indicators to ensure they light up with the matching inputs or outputs of your Radial device.
4. XLR-M: Used to connect to remote device, provides alternate connection for XLR-female cable.
5. A/B LED: Provides local visual status of the remotely controlled device.
6. LATCHING: The JR•1L is equipped with a latching footswitch that will change states each time it is pressed.
7. MOMENTARY: The JR•1M is equipped with a momentary footswitch that will change states only when held down.
8. YELLOW & BLACK: Yellow top is highly visible on dark stages while black casing is 'invisible' from the audience perspective.



WIRING DIAGRAMS



RADIAL ENGINEERING 3 YEAR TRANSFERABLE LIMITED WARRANTY

RADIAL ENGINEERING LTD. ("Radial") warrants this product to be free from defects in material and workmanship and will remedy any such defects free of charge according to the terms of this warranty. Radial will repair or replace (at its option) any defective component(s) of this product (excluding finish and wear and tear on components under normal use) for a period of three (3) years from the original date of purchase. In the event that a particular product is no longer available, Radial reserves the right to replace the product with a similar product of equal or greater value. In the unlikely event that a defect is uncovered, please call 604-942-1001 or email service@radialeng.com to obtain an RA number (Return Authorization number) before the 3 year warranty period expires. The product must be returned prepaid in the original shipping container (or equivalent) to Radial or to an authorized Radial repair center and you must assume the risk of loss or damage. A copy of the original invoice showing date of purchase and the dealer name must accompany any request for work to be performed under this limited and transferable warranty. This warranty shall not apply if the product has been damaged due to abuse, misuse, misapplication, accident or as a result of service or modification by any other than an authorized Radial repair center.

THERE ARE NO EXPRESSED WARRANTIES OTHER THAN THOSE ON THE FACE HEREOF AND DESCRIBED ABOVE. NO WARRANTIES WHETHER EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE SHALL EXTEND BEYOND THE RESPECTIVE WARRANTY PERIOD DESCRIBED ABOVE OF THREE YEARS. RADIAL SHALL NOT BE RESPONSIBLE OR LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES OR LOSS ARISING FROM THE USE OF THIS PRODUCT. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS, WHICH MAY VARY DEPENDING ON WHERE YOU LIVE AND WHERE THE PRODUCT WAS PURCHASED.

To meet the requirements of California Proposition 65, it is our responsibility to inform you of the following:
WARNING: This product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.
 Please take proper care when handling and consult local government regulations before discarding.

JR•1 LATCHING



JR•1 MOMENTARY



REMOTE FOOTSWITCH USER GUIDE

Radial Engineering Ltd.
 1845 Kingsway Ave., Port Coquitlam, BC V3C 0H3, Canada
 Tel: 604-942-1001 • Fax: 604-942-1010
info@radialeng.com

Radial® JR•1 User Guide - Part # R870 1219 10 / 06-2026 © Copyright 2014 all rights reserved. Specifications and appearance are subject to change without notice.

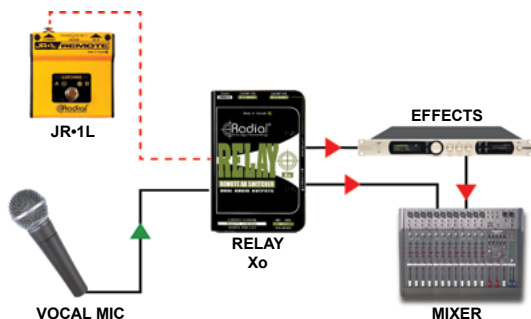
INTRODUCTION

Thank you for purchasing the Radial JR•1 footswitch. Please take a few moments to read this short manual and familiarize yourself with the various functions. This will help you get the most out of the JR•1 as you explore its uses. Should you have a question that is not covered in this manual, we invite you to send us an email at info@radialeng.com and we will do our very best to reply in short order.

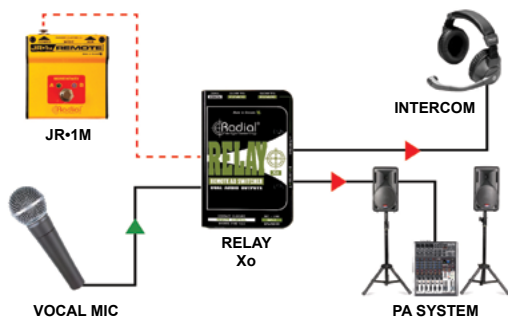
OVERVIEW

The Radial JR•1 is a remote footswitch equipped with either a latching footswitch (JR•1L) or momentary footswitch (JR•1M) depending which model you have purchased. The JR•1 controls various Radial devices, such as the Relay Xo stereo switcher, and derives its power from the device under control, thus eliminating the need for a local power supply or batteries.

LATCHING: The JR•1L is equipped with a latching footswitch that will change states each time it is pressed. Press the switch once to toggle from A to B and press again to change back to A. The latching footswitch is a good option when switching effects that stay on for the duration of a song.



MOMENTARY: The JR•1M is equipped with a momentary footswitch that will change states only when held down. Press and hold the switch to toggle from A to B and release the switch to change back to A. The momentary footswitch is well suited for 'push-to-talk' uses like toggling to an intercom system to speak with stage technicians.



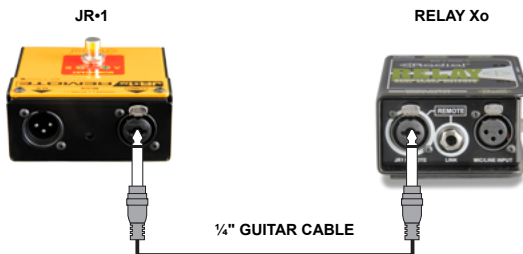
MAKING CONNECTIONS

Connecting the JR•1 is done using ¼" guitar cables or XLR mic lines depending on the device you are connecting to. The rear panel features a combo connector that accepts ¼" or XLR connectors and an alternate XLR connector is provided for flexibility.

Only one remote output connector should be used at a time as using two concurrently could cause a control system conflict.

CONNECTING WITH ¼" GUITAR CABLES

Standard coaxial guitar and instrument cable may be used to connect the JR•1 to the remote device.

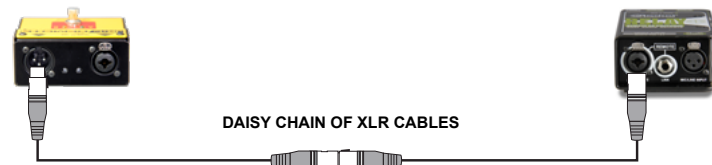


CONNECTING WITH XLR MIC LINES

Any standard XLR mic cable may be used. The locking XLR connectors are beneficial on busy stages as it reduces the opportunity for a connection to come loose during a performance. Press the metal tab above the connector to release the cable.



Another advantage is that XLR cables can be daisy-chained together to make a longer cable. This means you won't have to depend on a specific custom built cable to connect your remote device.



ACTIVE MODE

On the rear panel you will find a switch labeled ACTIVE/PASSIVE. This is recessed to prevent accidentally changing settings during use. Use a small screwdriver to access the ACTIVE/PASSIVE switcher during setup. Once you are done, you will likely leave it alone.

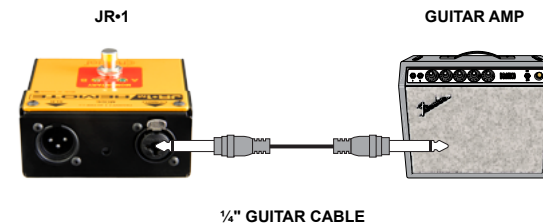


Set the switch to 'active' (inward position) when the JR•1 is controlling a Radial device such as the Relay Xo stereo switcher. When set to active, the JR•1 sources its power from the remote device and the LED indicators work.

PASSIVE MODE

A passive mode may be engaged that allows the JR•1 to function as a standard footswitch for any device with a compatible ¼" footswitch jack. Use passive mode with non-Radial devices such as guitar amplifiers to change amp channels or electronic keyboard to turn on the sustain. Note that some Radial devices can be operated using the JR•1 but they are not able to provide power to the LEDs, in this case passive mode should also be used.

To use like a standard footswitch, set the ACTIVE/PASSIVE switch to 'passive' (outward position). The A/B status LEDs will not illuminate when the JR•1 is operating in passive mode. Connection is done the same way with ¼" guitar cable. Connect one end to the JR•1 and the other to a compatible footswitch jack.



REVERSING THE LEDS

In order to have the LED indicators line up with the channels of your connected Radial device, the JR•1 includes a switch on the rear panel labeled LED REV. This switch will reverse the A and B LED indicators so that they are illuminated with the corresponding inputs or outputs on your Radial device. If you connect your JR•1 and the LED indicators already match the ones on your Radial device, simply leave this switch in the 'out' position. Note that the LED REV switch only affects the JR•1 when it is used in Active Mode as described above.