



RDL®
Radio Design Labs

SPECIALISTS IN PRACTICAL PRECISION ENGINEERING™

ACCESSORIES

Models D-RC2ST, DS-RC2ST, DB-RC2ST

Two-Channel Remote Control



- Remote Selection of Two Audio Sources, Destinations or Functions
- Single-Button Selection for Each Source
- Open-collector Switching of 1 or 2 Module Functions
- Connections on Detachable Terminal Block
- 3-wire or 4 wire Remote Wiring
- Professional Aesthetic Appearance
- Companion to other RDL Remote Controls
- LED Indication

The D SERIES-RC2ST is part of the group of versatile wall-mounted products from Radio Design Labs. The standard mounting case can be directly fastened in North American electrical boxes or in RDL International wall boxes.

APPLICATION: The D SERIES-RC2ST is part of the RDL accessories group and is designed as a functional and visual complement to many other RDL remote controls such as the D-RLC2, D-RLC3 or D-RLC10K Remote Level Controls.

The -RC2ST is a wall-box mounted remote module designed to directly control any equipment which utilizes pull-to-ground control switching.

The front panel of the -RC2ST features two pushbuttons with two associated LEDs. Upon initial power-up, source 1 is selected. Touching the other button de-selects source 1 and immediately selects source 2. An LED adjacent to each button indicates which source is selected.

In a typical installation, the -RC2ST may be used to select between two audio or video sources, or to route audio to two destinations. To select between two audio sources, the -RC2ST is connected to a RDL ST-SSR1 Solid-State Audio Switch. For video switching, a RDL TX-MVX may be used. For audio routing, a RDL ST-RX2 is used. In each of the above examples, only one output terminal is needed for triggering. Therefore a single shielded pair or (3-conductor cable) is required for remote connection. For more complex switching networks, both outputs may be used.

In a typical audio input installation, the -RC2ST is mounted adjacent to a RDL remote-level control, such as the D-RLC2, D-RLC3 or D-RLC10K. The -RC2ST selects the audio source and the remote level control permits adjustment of the level including turning the level fully off. (Note: The D-RLC2, D-RLC3 or D-RLC10K work in conjunction with other RDL VCA modules, sold separately.)

The -RC2ST is constructed on a durable polycarbonate-faced, powder-coated steel panel. Electronics are housed in a metal enclosure featuring a rear panel detachable terminal block for easy wiring. The attractive front-panel graphics and quality construction make the -RC2ST the ideal choice in any high quality and economical wall-mounted remote control installation.

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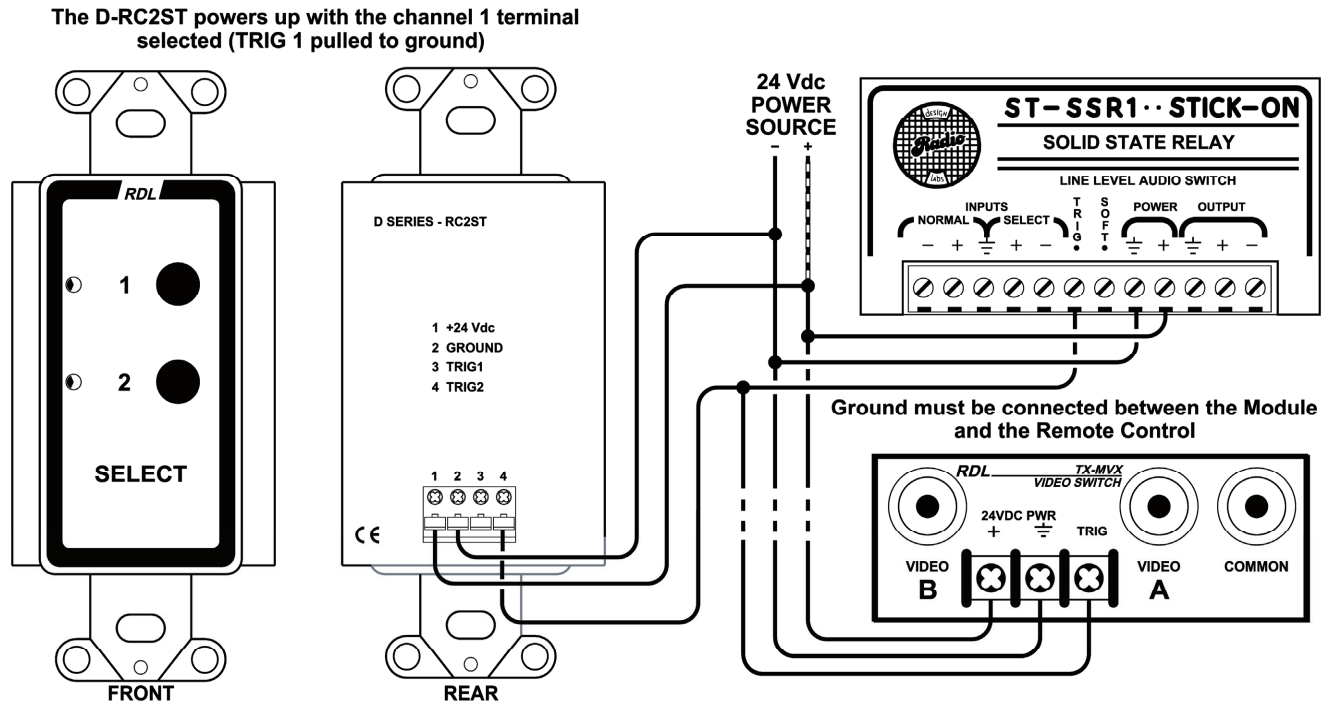
Mounting

The D SERIES-RC2ST should be mounted in an RDL WB-1U wall box or equivalent. The ambient operating environment must not exceed 40 degrees C.

Installation/Operation



EN55103-1 E1-E5; EN55103-2 E1-E4; EN60065
Typical Performance reflects product at publication time exclusive of EMC data, if any, supplied with product. Specifications are subject to change without notice. This product is Professional Apparatus.



This drawing shows the -RC2ST controlling either a ST-SSR1 (audio selector), a TX-MVX (video selector), or both (video and audio selected together). For stereo audio applications, two ST-SSR1s may be used. A broad range of additional applications is possible using TRIG 1 and/or TRIG 2 to activate the SLAVE terminals on a wide variety of RDL modules.

TYPICAL PERFORMANCE

Selectors: 2 momentary pushbuttons, 1 for each channel
Indicators: 2 LEDs, Indicates channel selected
Connections: Power input; Open-collector outputs (25 mA current limited)
Power Requirement: 24 to 33 Vdc @ 30 mA, Ground-referenced
Mounting: Mounts in US standard electrical box, decorative plate available separately

Dimensions:

Height:	4.11 in.	(10.4 cm)
Depth:	1.66 in.	(4.21 cm)
Width:	1.72 in.	(4.37 cm)