



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.

ACCESSORIES

Models **D-RC2ST, DS-RC2ST, DB-RC2ST**
Two-Channel Remote Control

Mounting

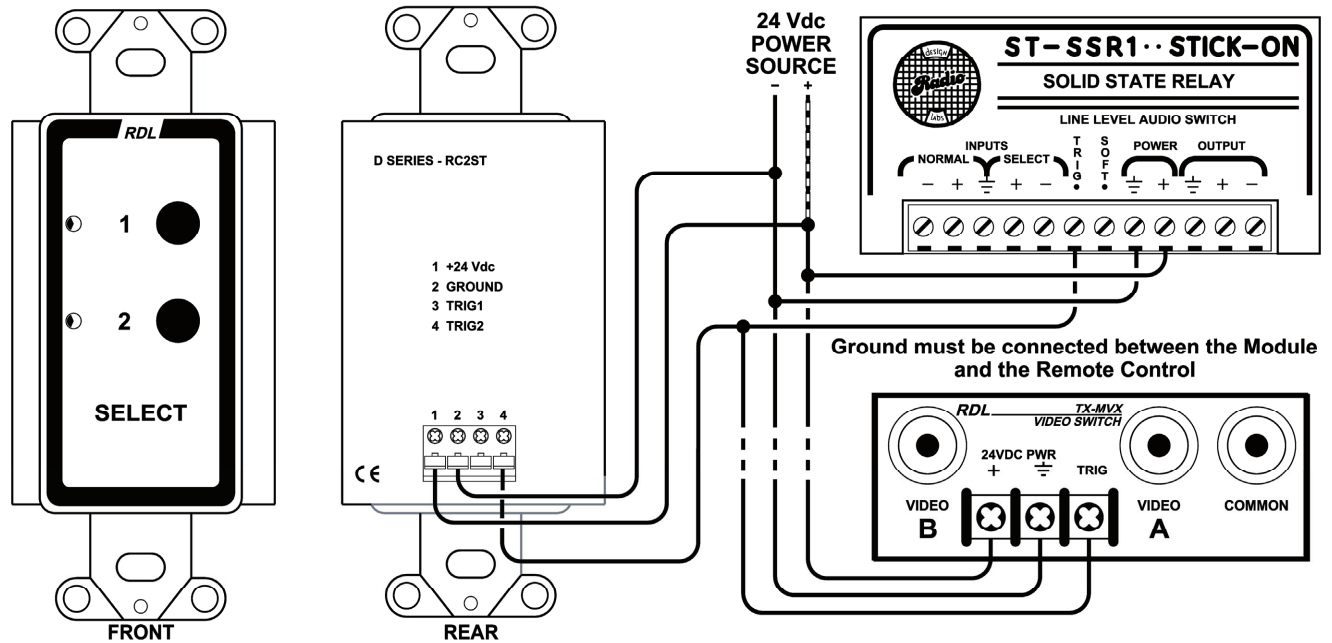
The D SERIES-RC2ST should be mounted in an RDL WB-1U wall box or equivalent. The ambient operating environment must not exceed 40 degrees C.

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.

The D-RC2ST powers up with the channel 1 terminal selected (TRIG 1 pulled to ground)



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)