



RDL[®]
Radio Design Labs

SPECIALISTS IN PRACTICAL PRECISION ENGINEERING™

ACCESSORIES

Models D-RLC2, DS-RLC2, DB-RLC2

Remote Level control



- Remote Level Control Panel
- Pushbutton UP and DOWN
- 10-segment Visual Level Display
- Multiple Control/Indication Locations
- Premium quality Remote Panel
- Professional Aesthetic Appearance

The D SERIES-RLC2 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-RLC2 is the ideal choice where levels are to be controlled from a single, or from multiple control locations; and visual level indication is desired.

The -RLC2 is designed to directly interface with an ST-RG1 Ramp Generator or RU-VCA2A and RU-VCA6A Digitally Controlled Audio Attenuators. The -RLC2 has two momentary pushbuttons, UP and DOWN. Pushing each button sends the appropriate signal back to the RDL control module. When connected to the RU-VCA2A or RU-VCA6A, pushing both buttons on the -RLC2 simultaneously causes the unit to return to a PRESET level.

The -RLC2 panel has a 10-segment LED display, which provides a visual indication of the level setting. The linearity of the display is tailored to produce indications consistent with the audible level. The appearance of the -RLC2 matches other RDL accessories such as the -RCS4 remote source selector (used with RDL's RU-SX4A four input audio selector). The -RLC2 and -RCS4 may be mounted together in a double wall box to form visually appealing control of both audio source and audio level.

In systems where several control/level indication locations are needed, multiple -RLC2's may be connected to a single RDL control module. Wires may be run from the control unit to an -RLC2, then daisy chained on to more -RLC2s. Five conductors are required for connection to the -RLC2.

The -RLC2 is constructed on a steel frame. The electronics are fully protected within the rear enclosure. Connections are made through a rear panel detachable terminal block. Pushbuttons are long-life switches mounted to provide protection from excessive frontal force.

All the -RLC2 features combine to make it the ideal choice for remote-level control in high quality systems. Use the -RLC2 individually with an RDL control module, or combine it side-by-side with other RDL remote accessories as part of a complete audio/video system.

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Remote Level Control

Mounting

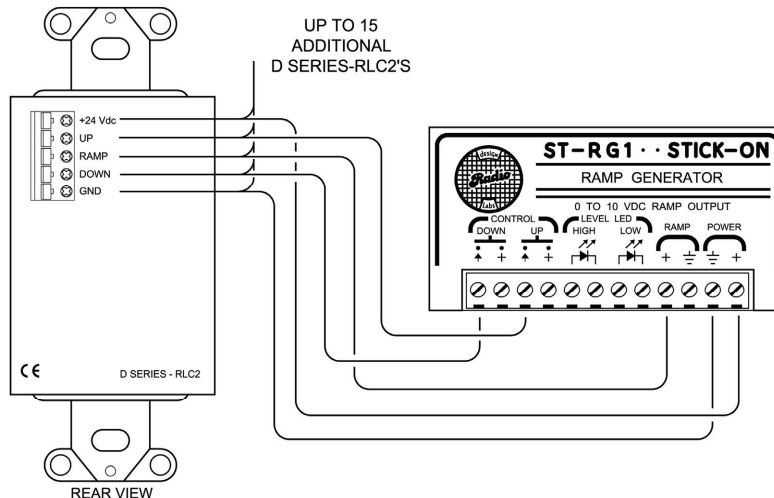
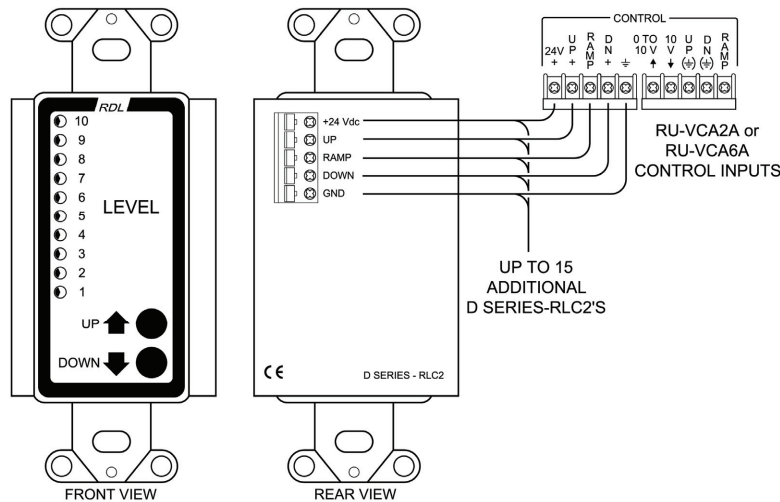
The D SERIES-RLC2 should be mounted in an RDL WB-1U wall box or equivalent. The ambient operating environment must not exceed 40 degrees C.

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.



TYPICAL PERFORMANCE

Ramp Input:

Outputs:

Power Requirement:

Mounting:

Dimensions:

0 to 10 Vdc

UP and DOWN, pushbutton actuated 15 Vdc @ 5 mA

24 Vdc @ 75 mA, Ground-referenced

Mounts in standard US electrical box,
decorative plate available separately

Height: 4.11 in. (10.4 cm)

Depth: 1.66 in. (4.21 cm)

Width: 1.72 in. (4.37 cm)

Radio Design Labs Technical Support Centers

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