



**RDL**<sup>®</sup>  
Radio Design Labs

SPECIALISTS IN PRACTICAL PRECISION ENGINEERING™

## ACCESSORIES

### Models RCX-J1, RCX-J2, & RCX-J3 AUDIO INPUT PANELS

#### ANYWHERE YOU NEED...

- Wall Mounted Microphone Inputs
- XLR Inputs with Gold Contacts
- Gold Plated Phono Jack Inputs
- Hum Cancellation on Unbalanced Line Inputs
- Transformer Isolation for Unbal Line Inputs
- Balanced Output for Unbalanced Line Inputs
- RDL *ULTRASTYLE*™ Design

#### ***You Need The RCX-J1, RCX-J2 or RCX-J3!***

The RCX-J1, RCX-J2 and RCX-J3 are audio input accessories from Radio Design Labs offered in the *ULTRASTYLE* design. Complete all metal enclosures are attractively finished in two coordinated neutral colors to complement the broad range of decor encountered in commercial environments. The exclusive *ULTRASTYLE* products are intended for installations demanding the ultimate in professional styling combined with durability, longevity and value.

#### **APPLICATION:**

##### RCX-J1

The RCX-J1 is a complete microphone input panel assembly. Connections to the female front-panel XLR jack are made on a rear barrier block. Four terminals are provided: **CASE GROUND**, **SHIELD** (XLR pin 1), **+** (XLR pin 2) and **-** (XLR pin 3). The installer may install a jumper between the pin 1 connection and **CASE GROUND** if desired. The back of the RCX-J1 is finished with a metal enclosure clearly labeled for easy installation.

##### RCX-J2

The RCX-J2 is a complete unbalanced line-level audio input panel assembly. The front panel features two phono jacks, intended for mono or stereo consumer level sources. **LEFT** and **RIGHT** are combined and balanced through audio transformers configured to reject induced hum. The line-level output is provided on the rear-panel barrier block for connection to 10 kOhm or higher input impedance line level module or equipment inputs.

##### RCX-J3

The RCX-J3 is a complete audio input panel assembly. The front panel features a female XLR jack and two phono jacks. The XLR is connected directly to the rear-panel barrier block. The phono inputs are identical to the RCX-J2.

The RCX-J1, RCX-J2 and RCX-J3 fit directly into back boxes, available from RDL to fit cabinets, US or international walls. They may be mounted directly into cabinets or most standard US single gang electrical boxes. The back of each panel assembly is finished with a metal enclosure clearly labeled for easy installation.

Wherever style, performance, and value are required for wall or cabinet mounted audio inputs, the RCX-J1, RCX-J2 and RCX-J3 are the ideal choices. Use them individually or in conjunction with other RDL products as part of a complete audio/video system.



Additional *ULTRASTYLE* design options shown at [www.rdlnet.com](http://www.rdlnet.com)

# ACCESSORIES

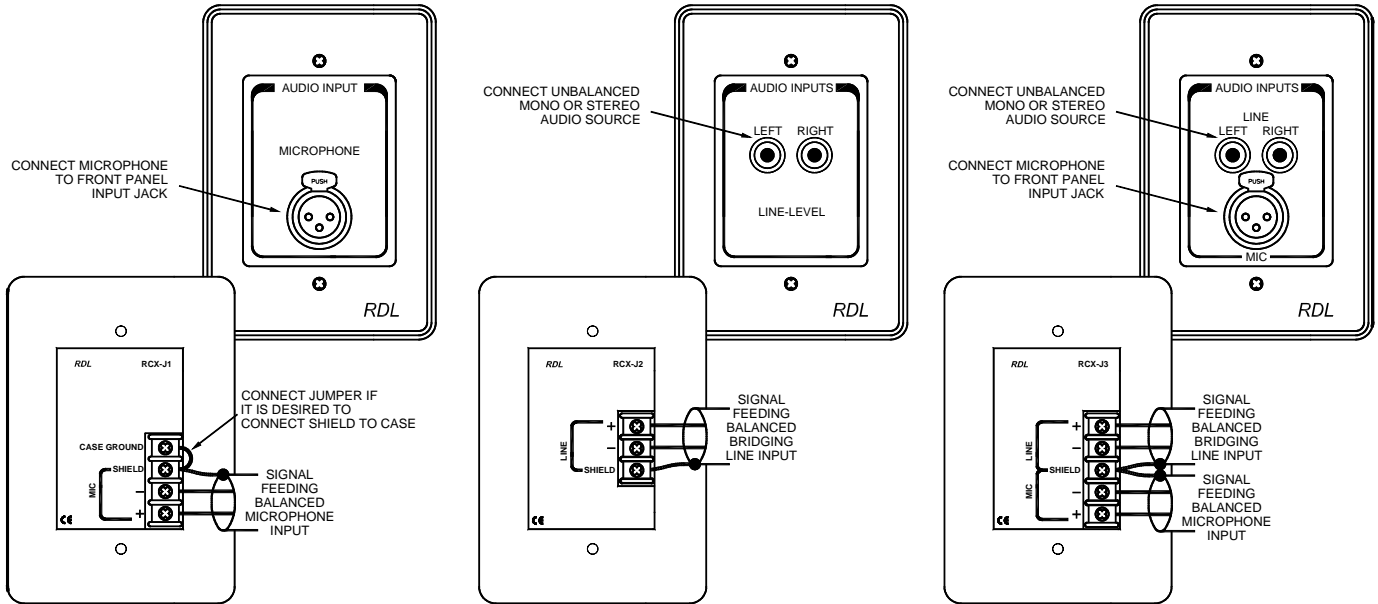
## Models RCX-J1, RCX-J2 and RCX-J3 AUDIO INPUT PANELS

## Installation/Operation



EN55103-1 E1-E5; EN55103-2 E1-E4

Typical Performance reflects product at publication time exclusive of EMC data, if any, supplied with product. Specifications are subject to change without notice.



### TYPICAL PERFORMANCE

#### RCX-J1

Input connector:

Output connector:

Output connections (4):

XLR female gold contacts

Full size barrier block

**CASE GROUND, SHIELD** (XLR pin 1), + (XLR pin 2), - (XLR pin 3)

#### RCX-J2

Input connectors:

Output connector:

Output connections:

Frequency response (line level):

Phono jacks with gold contacts (2)

Full size barrier block

**+, -, SHIELD**

30 Hz to 20 kHz ( $\pm 1$  dB)

#### RCX-J3

Input connectors:

Output connector:

Output connections:

Line

Mic

Frequency response (line level):

XLR female with gold contacts (1), Phono jacks with gold contacts (2)

Full size barrier block

**+, -, SHIELD**

**SHIELD** (XLR Pin 1), + (XLR Pin 2), - (XLR Pin 3)

30 Hz to 20 kHz ( $\pm 1$  dB)

Power Requirement:

Overall Dimensions:

Passive (all models)

Height: 4.07 in. 10.34 cm

Width: 3.25 in. 8.26 cm

Depth: 1.29 in. 3.28 cm

Radio Design Labs Technical Support Centers

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