RDL ®
Radio Design Labs

Line Output Assembly

Connector Plates

Provide Audio Output from System for Stereo End-User Recording or Monitoring

Alternate Colors:

DB-A2   DS-A2

Features:

- Front-Panel Dual Mono Unbalanced Output on Two RCA Jacks
- Rear-Panel Mono Balanced Input on Terminal Block
- Attenuates +4 dBu Balanced Input to -10 dBV Unbalanced Outputs
- Transformer Isolation of Line Outputs
- High Attenuation of Accidentally-Connected Reverse-Fed Audio Signals
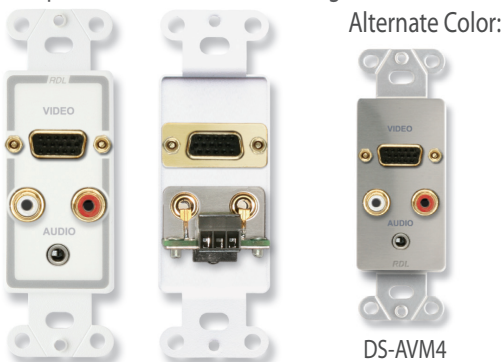
Passive, No Power Supply Required   Part # D-A2   ⌨ Customizable Text

D-A2
Line Output Assembly

Recording Equipment With
Stereo Unbalanced Input

Audio Equipment With
Mono Balanced Output
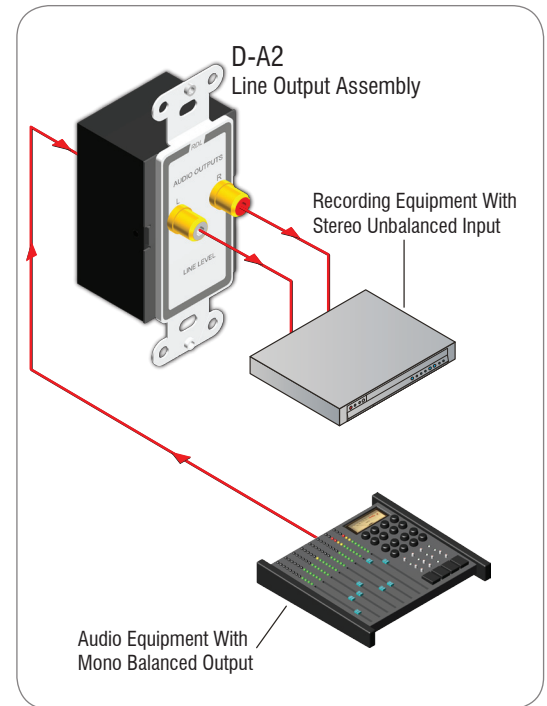
Audio and Video Monitor Jack Panels

Connector Plates

Pass Computer Audio and Video Through a Wall
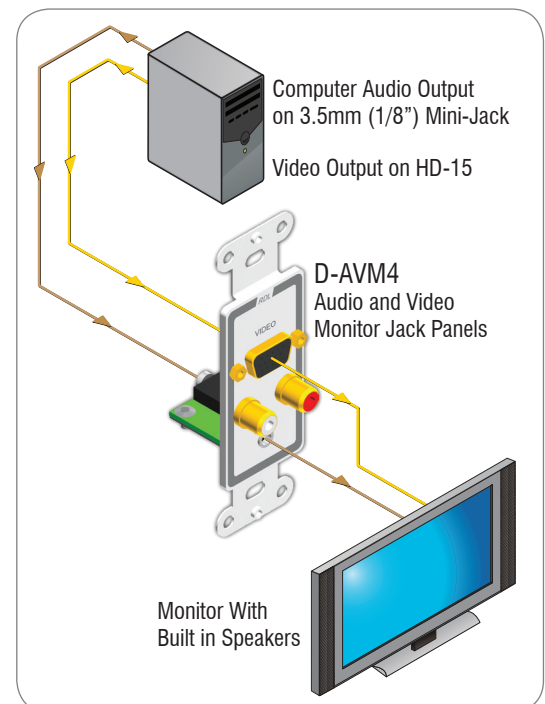
Alternate Color:

DS-AVM4

Features:

- Front-Panel Stereo Connections on RCA Jacks and 3.5 mm (1/8") Mini-Jack
- Rear-Panel Unbalanced Connections on Detachable Terminal Block
- VGA Pass Through on HD-15 F/F

Passive, No Power Supply Required   Part # D-AVM4

Computer Audio Output
on 3.5mm (1/8") Mini-Jack

Video Output on HD-15

D-AVM4
Audio and Video
Monitor Jack Panels

Monitor With
Built in Speakers

Consumer Input Jacks - Mono

Combines Left and Right from Stereo Source to Balanced Mono

Alternate Colors:
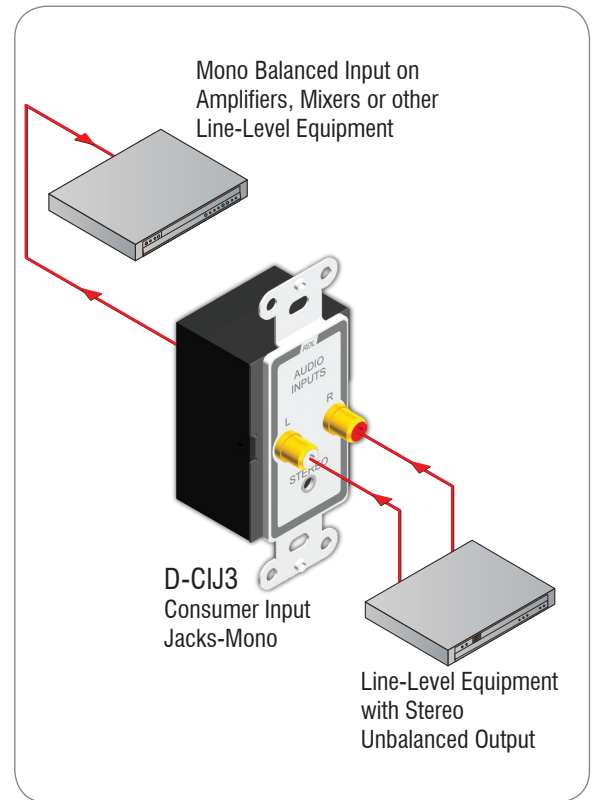
DB-CIJ3   DS-CIJ3

Features:

- Jack Plate Allows End Users to Connect a Variety of Audio Sources
- Stereo or Mono Line-Level Sources May Be Connected
- Inputs on Dual RCA Jacks or 3.5 mm (1/8") Mini-Jack
- Stereo Inputs Are Combined to Mono
- Balances the Unbalanced Source
- Inputs are Transformer Isolated from the Audio System
- Balanced Line-Level Output Feeds High-Impedance Balanced System Input

Passive, No Power Supply Required   Part # D-CIJ3   Customizable Text

Mono Balanced Input on Amplifiers, Mixers or other Line-Level Equipment

D-CIJ3
Consumer Input Jacks-Mono

Line-Level Equipment with Stereo Unbalanced Output

Consumer Input Jacks - Stereo

Converts Unbalanced Stereo Source to Stereo Balanced

Alternate Colors:

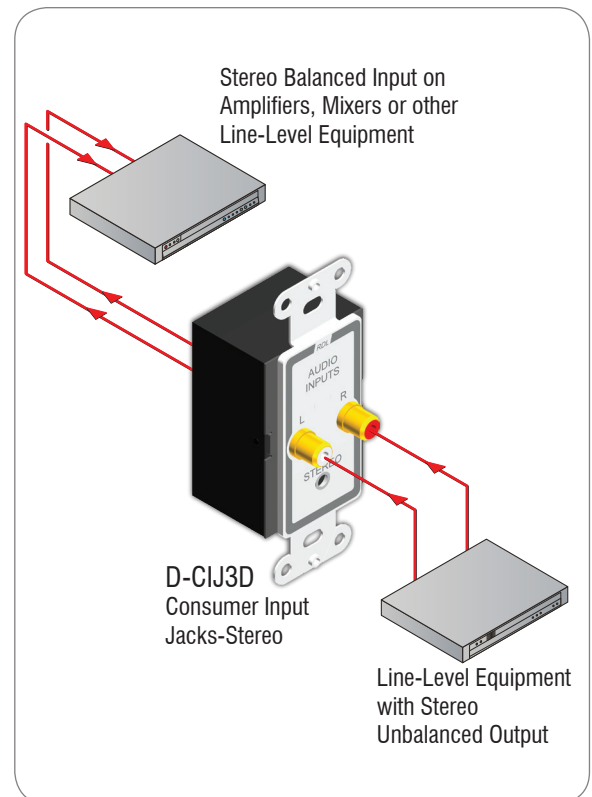DB-CIJ3D   DS-CIJ3D

Features:

- Jack Plate Allows End Users to Connect a Variety of Audio Sources
- Stereo Input on Dual RCA Jacks or 3.5 mm (1/8") Mini-Jack
- Balances Both Unbalanced Source Channels
- Inputs are Transformer Isolated from the Audio System
- Balanced Line-Level Left and Right Outputs Feed 10 kΩ System Inputs

Passive, No Power Supply Required   Part # D-CIJ3D   Customizable Text

Stereo Balanced Input on Amplifiers, Mixers or other Line-Level Equipment

D-CIJ3D
Consumer Input Jacks-Stereo

Line-Level Equipment with Stereo Unbalanced Output

Mini-Jack Pass-Through Plate

Remote Headphone Listening Station for Computer Audio
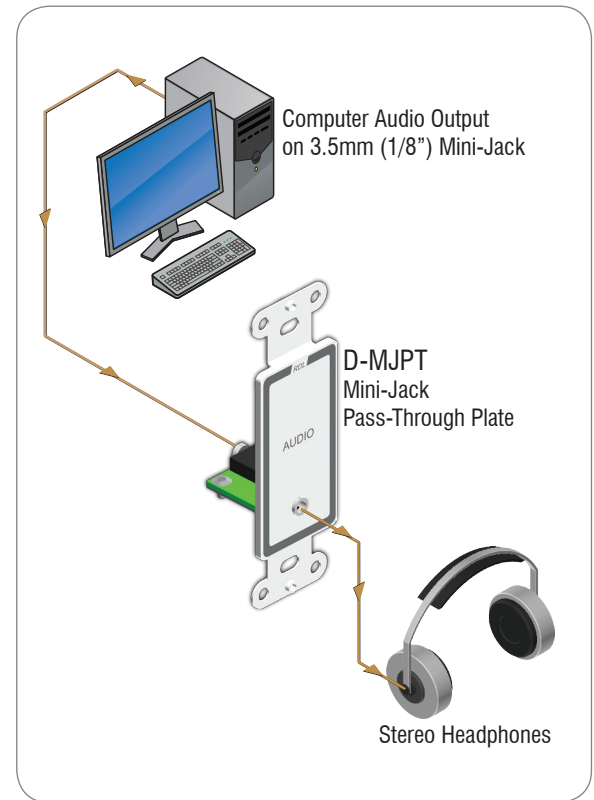
Alternate Color:

DS-MJPT

Features:

- 3.5 mm (1/8") Mini-Jack Input on Front Panel
- 3.5 mm (1/8") Mini-Jack Output on Rear Panel
- Connectors Mounted to Steel Plate
- Quick Installation Using Off-the-Shelf Male-Male Mini-Jack Cable from Computer
- May Provide User with Wall-Mounted Access to Computer Audio Inputs or Outputs

Passive, No Power Supply Required   Part # D-MJPT

Computer Audio Output
on 3.5mm (1/8") Mini-Jack

D-MJPT
Mini-Jack
Pass-Through Plate

Stereo Headphones

Remote Audio Mixing Control with Muting

Remote Control a 3 Input, 35 W, Mixer Amplifier

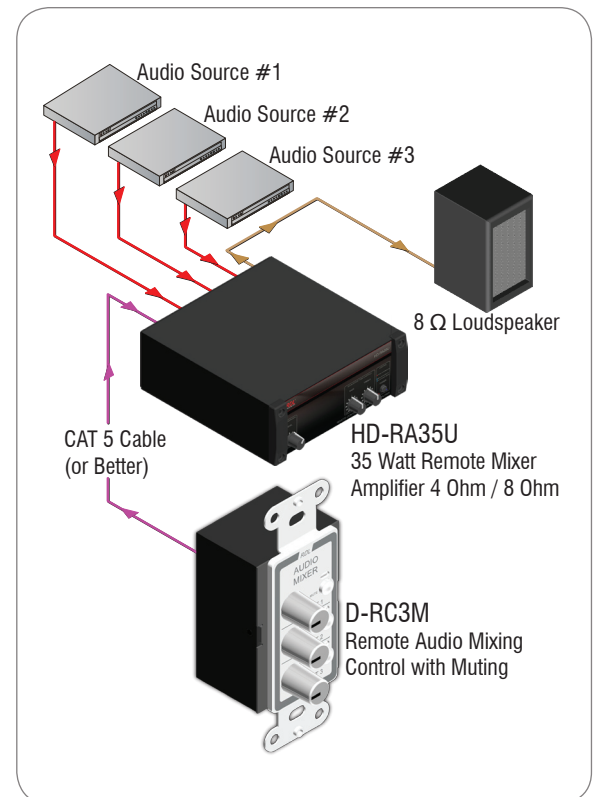Alternate Color:

DS-RC3M

Features:

- Three Channel Remote Audio Mixing Control Panel
- One Single-Turn Long-Life Rotary Level Control for Each of the Three Inputs
- One Mute Button with LED Indicators for Each of the Three Inputs
- MUTE Button Allows Users to Toggle Audio ON and OFF
- Green LED Indicates Channel is ON
- Red LED Indicates Channel is Muted
- Compatible with Various Specific RDL Mixers and Mixer/Amplifiers (Examples: FP-MX3R, FP-TPX3A, HD-RA35U, HD-RA35U)
- Connection via RJ-45

Passive, No Power Supply Required   Part # D-RC3M   ⌨ Customizable Text

Audio Source #1

Audio Source #2

Audio Source #3

8 Ω Loudspeaker

CAT 5 Cable
(or Better)

HD-RA35U
35 Watt Remote Mixer
Amplifier 4 Ohm / 8 Ohm

D-RC3M
Remote Audio Mixing
Control with Muting

Questions? Tech Support: (928) 778-3554 | service@rdlnet.com
Product Applications & Information: www.rdlnet.com

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Remote Selection of an Audio Source from Up To 4 Sources using RDL RU-SX4A

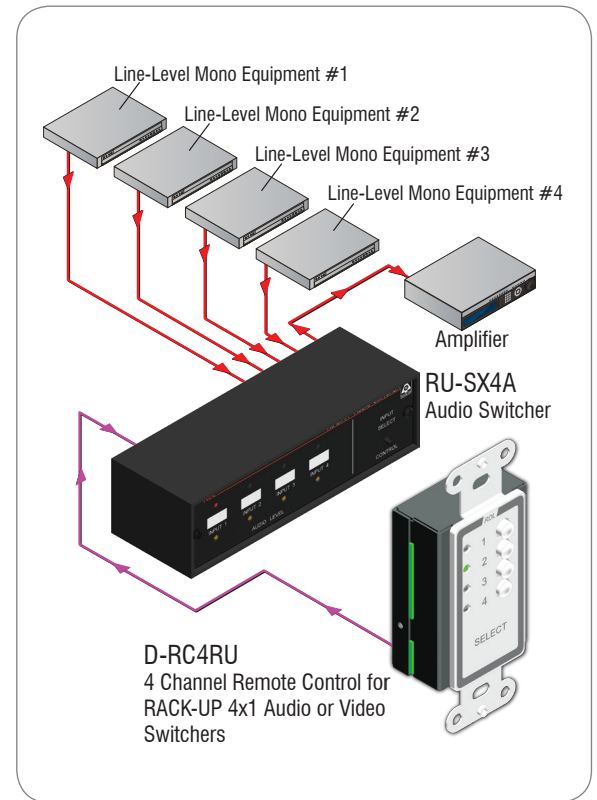Alternate Colors:

DB-RC4RU   DS-RC4RU

Features:
- Remote Selection of an Unbalanced or Balanced Audio Source
- Four Front-Panel Pushbuttons with Associated LED Indicators
- Momentary Buttons Control Latching Open-Collector Outputs
- Single Button Selection for Each Source
- Visual Indication of Selected Source

Recommended Power Supply:
PS-24AS (USA), PS-24AX (International)

Part # D-RC4RU   ⌨ Customizable Text

Line-Level Mono Equipment #1
Line-Level Mono Equipment #2
Line-Level Mono Equipment #3
Line-Level Mono Equipment #4

Amplifier

RU-SX4A
Audio Switcher

D-RC4RU
4 Channel Remote Control for
RACK-UP 4x1 Audio or Video
Switchers

Allow End Users to Choose 1 of 4 Predetermined Audio Levels

Alternate Colors:

DB-RLC3   DS-RLC3

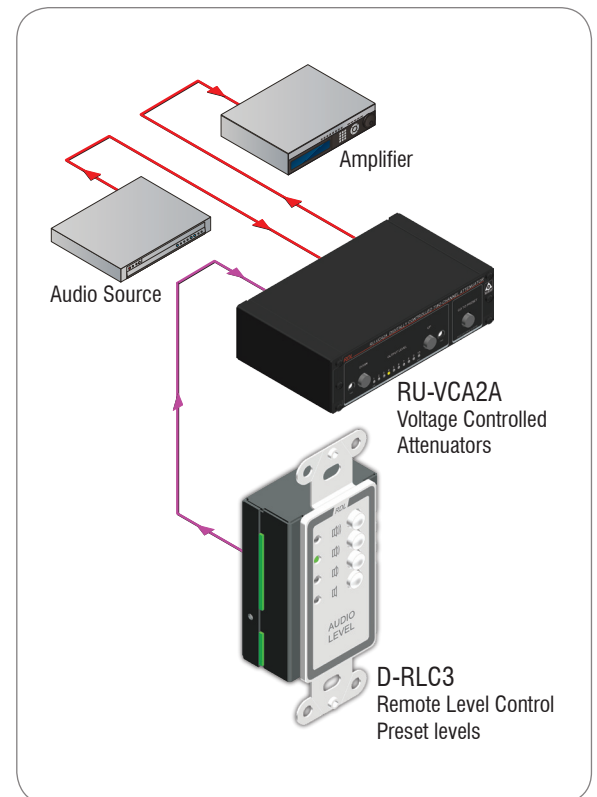### Features:
- Remote Selection of Preset Audio Levels
- Pushbutton Level Selection
- 4 Selectable System Levels, or 3 Levels Plus Off
- LED Indication
- Premium-Quality Remote Panel
- Professional Aesthetic Appearance

Recommended Power Supply:
PS-24AS (USA), PS-24AX (International)

Part # D-RLC3   ⌨ Customizable Text

Amplifier

Audio Source

RU-VCA2A
Voltage Controlled
Attenuators

D-RLC3
Remote Level Control
Preset levels

Questions? Tech Support: (928) 778-3554 | service@rdlnet.com
Product Applications & Information: www.rdlnet.com

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Multi-Point Remote Level Control of Amplified Audio
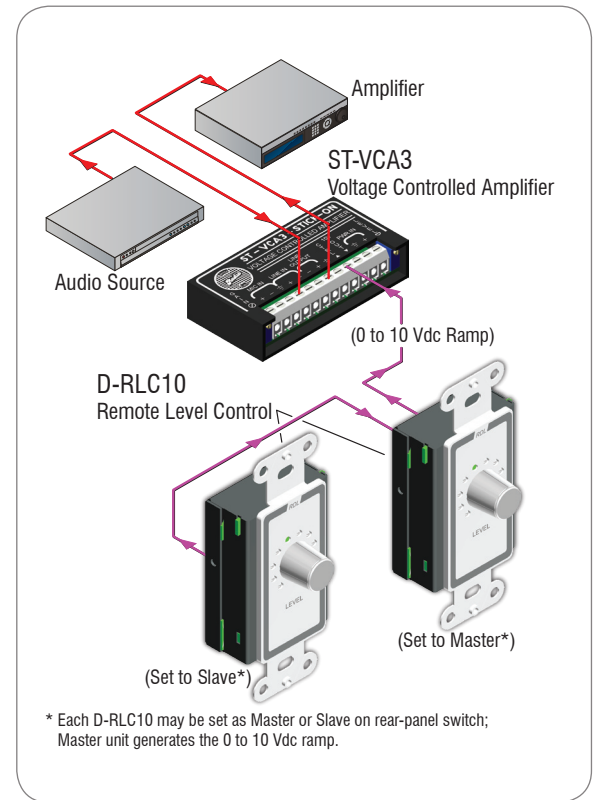
Alternate Colors:

DB-RLC10   DS-RLC10

Features:

- Continuous Rotary Control Allows End Users to Adjust System Audio Level
- Use a Single D-RLC10 to Provide a Single Control Location
- Connect Up To Ten D-RLC10 Units for Multiple Control Locations
- LEDs Around Knob Circumference Provide Visual Display of Operating Level
- Display is Bright During Adjustment and Dims After Adjustment
- Continuous Rotation "Optical Encoder" Construction Assures Long Life
- Integral Ramp Generator Directly Controls Equipment with 0 to 10 Vdc Level-Control Input
- Powers Up to Last Level Used
- Compatible with All RDL® VCA Products
- Compatible with OEM Products Using 0 to 10 Vdc Control Ramp

Recommended Power Supply:
PS-24AS (USA), PS-24AX (International)

Part # D-RLC10

⌨ Customizable Text

Amplifier

ST-VCA3
Voltage Controlled Amplifier

Audio Source

(0 to 10 Vdc Ramp)

D-RLC10
Remote Level Control

(Set to Master*)

(Set to Slave*)

* Each D-RLC10 may be set as Master or Slave on rear-panel switch;
Master unit generates the 0 to 10 Vdc ramp.

High Quality 0 to 10 kΩ Volume Control

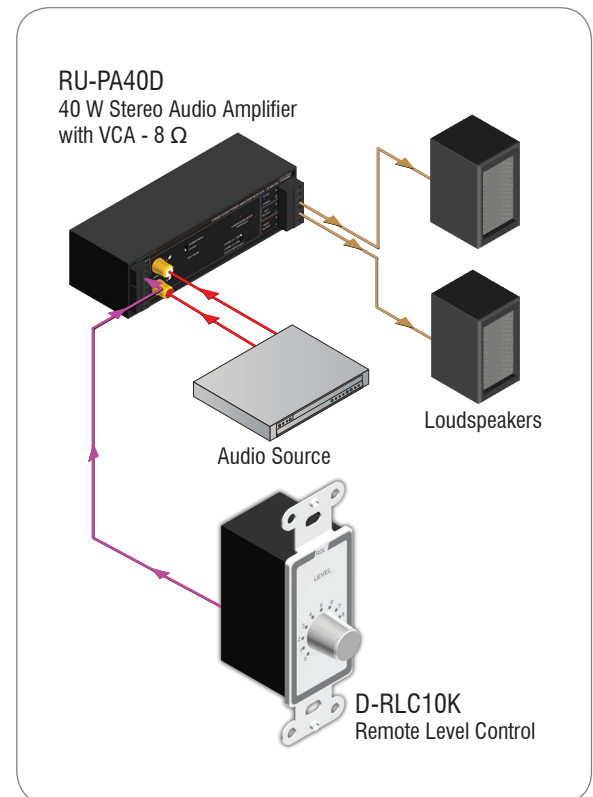Alternate Colors:

DB-RLC10K   DS-RLC10K

Features:

- Single-Turn Rotary Control Allows End Users to Adjust System Audio Level
- Single Control Location
- 0 to 10 kΩ Long-Life Rotary Level Control
- 10 Graphic Increments Indicate Level Setting
- Compatible with All RDL® VCA Products
- Compatible with OEM Products Using 0 to 10 Vdc Control Ramp

Passive, No Power Supply Required

Part # D-RLC10K

⌨ Customizable Text

RU-PA40D
40 W Stereo Audio Amplifier
with VCA - 8 Ω

Loudspeakers

Audio Source

D-RLC10K
Remote Level Control

Remote Level Control with Muting - 0 to 10 kΩ

High Quality 0 to 10 kΩ Volume Control with Muting

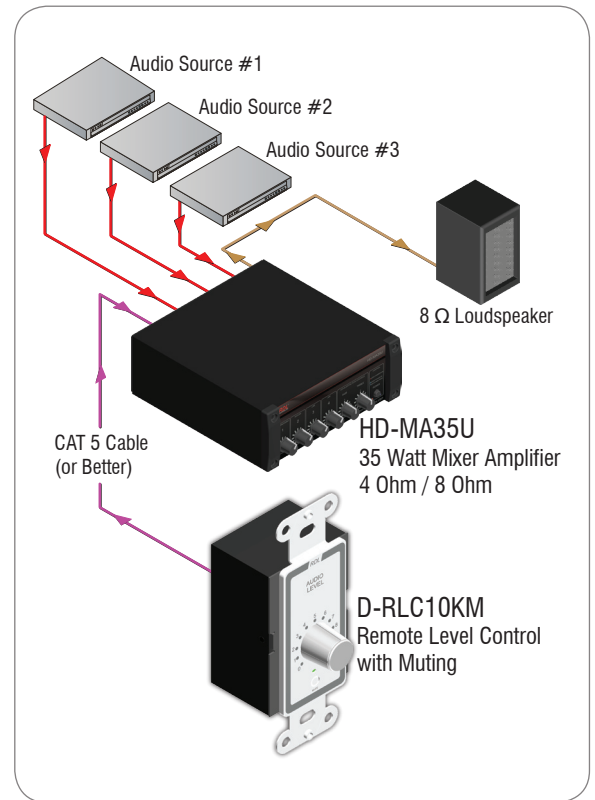Alternate Colors:

DB-RLC10KM   DS-RLC10KM

Features:

- Single-Turn Rotary Control Allows End Users to Adjust System Audio Level
- MUTE Button Allows Users to Toggle Audio ON and OFF
- 0 to 10 kΩ Long-Life Rotary Level Control
- Green LED ON Indicator
- Red LED OFF / Muted Indicator
- 10 Graphic Increments Indicate Level Setting
- Compatible with All RDL® VCA Products
- RJ-45 Connection for Direct Interface to RDL HD-MA35U and HD-PA35U Amplifiers
- Detachable Terminal Block Connections to Interface with OEM or Other RDL Products

Passive, No Power Supply Required   Part # D-RLC10KM   ⌨ Customizable Text

Audio Source #1

Audio Source #2

Audio Source #3

8 Ω Loudspeaker

CAT 5 Cable
(or Better)

HD-MA35U
35 Watt Mixer Amplifier
4 Ohm / 8 Ohm

D-RLC10KM
Remote Level Control
with Muting

Remote Level Control - Optical Encoder - with Muting

Multi-Point Remote Level Control of Amplified Audio with Muting

Alternate Colors:
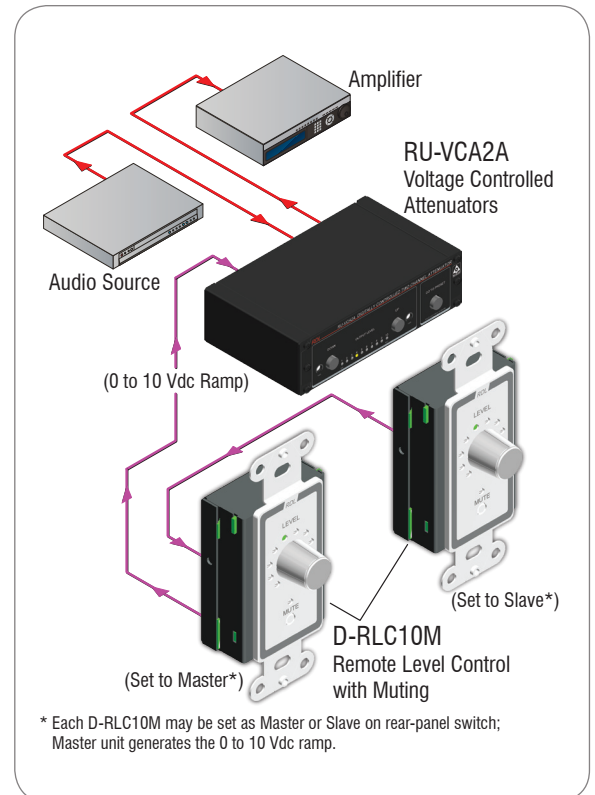
DB-RLC10M   DS-RLC10M

Features:

- Continuous Rotary Control Allows End Users to Adjust System Audio Level
- MUTE Button Allows Users to Toggle Audio ON and OFF
- Use a Single D-RLC10M to Provide a Single Control Location
- Connect Up To Ten D-RLC10M Units for Multiple Control Locations
- LEDs Around Knob Circumference Provide Visual Display of Operating Level
- Display is Bright During Adjustment and Dims After Adjustment
- Continuous Rotation "Optical Encoder" Construction Assures Long Life
- Integral Ramp Generator Directly Controls Equipment with 0 to 10 Vdc Level-Control Input
- Powers Up to Last Level or Preset Level (Programmable)
- Compatible with All RDL® VCA Products

Recommended Power Supply: Part # D-RLC10M   ⌨ Customizable Text
PS-24AS (USA), PS-24AX (International)

Amplifier

RU-VCA2A
Voltage Controlled
Attenuators

Audio Source

(0 to 10 Vdc Ramp)

(Set to Slave*)

D-RLC10M
Remote Level Control
with Muting

(Set to Master*)

* Each D-RLC10M may be set as Master or Slave on rear-panel switch;
  Master unit generates the 0 to 10 Vdc ramp.

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Product Applications & Information: www.rdlnet.com

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Wall or Panel Mounted Stereo Headphone Amplifier
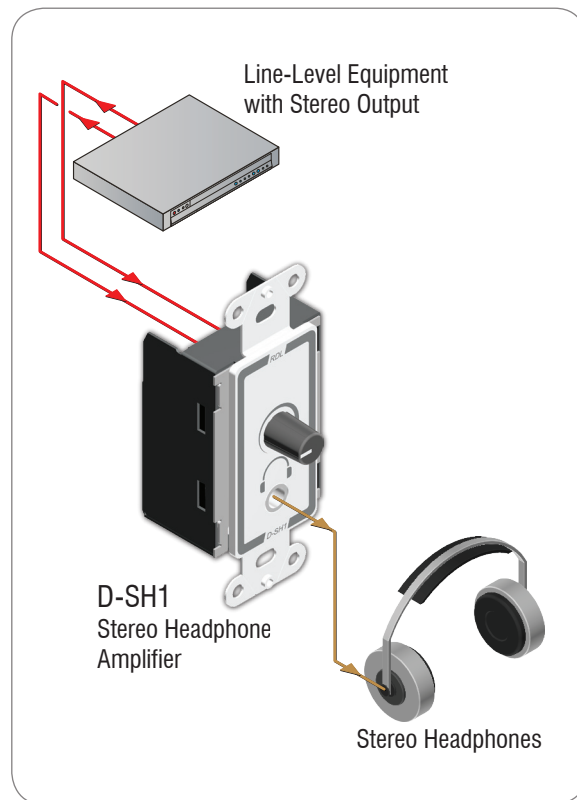
Alternate Colors:

DB-SH1

DS-SH1
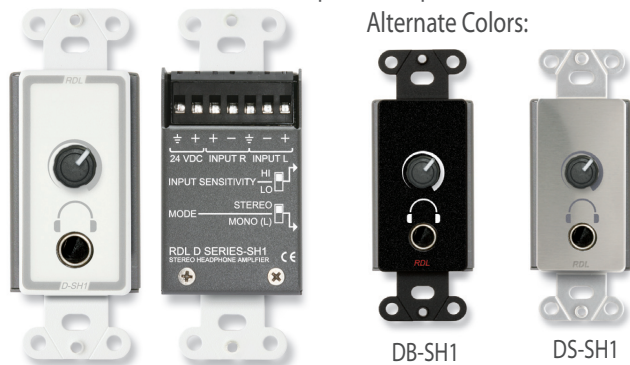
Features:

- 6.3mm (¼") Phone Jack Output Connector (Model: D-SH1)
- 3.5mm (1/8") Mini-Jack Output Connector (Model: D-SH1M)
- Drives Low or High Impedance Headphones
- Front-Panel Knob Controls Internal VCA for Long-Life Noise-Free Attenuation
- Balanced Stereo Inputs May Be Wired Balanced or Unbalanced
- Switch-Selectable Input Sensitivity (Rear Panel)
- Switch-Selectable Mono or Stereo Operation (Rear Panel)

Recommended Power Supply:
PS-24AS (USA), PS-24AX (International)

Part # D-SH1

⌨ Customizable Text

Line-Level Equipment with Stereo Output

D-SH1
Stereo Headphone Amplifier

Stereo Headphones

Transmit a Microphone Signal up to 2,000 Feet (600 Meters)
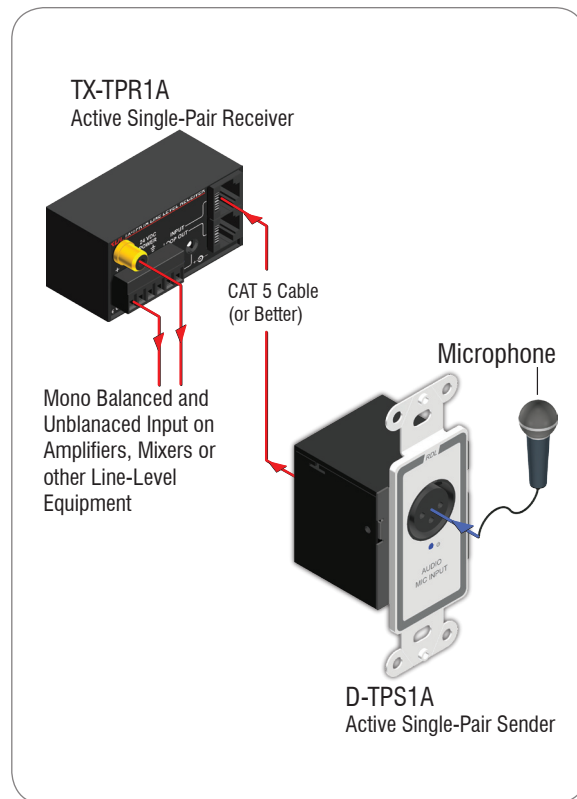
Alternate Colors:

DB-TPS1A

DS-TPS1A

Features:

- XLR Microphone Input with Phantom Power
- Low-Noise Preamplifier Converts Mic Input to Balanced Line Level
- Output is Sent Over CAT5 (or Better) Cable to RDL Format-A Receiver(s)
- May Be Used on Single CAT5 Cable with 1 or 2 Other RDL Format-A Senders
- 24 V Phantom Power (IEC 1938: 1996-12)
- Precision Active Balanced Circuitry
- Sends on Format-A Pair A, B or C (Rear Panel Switch Selectable)
- Rear Panel Switch-Selectable Mic Gain
- May Be Powered Locally or Remotely through Twisted Pair Cable
- Cable Distances up to 2,000 Feet (600 Meters)

Recommended Power Supply:
PS-24AS (USA), PS-24AX (International)

Part # D-TPS1A

⌨ Customizable Text

TX-TPR1A
Active Single-Pair Receiver

CAT 5 Cable
(or Better)

Mono Balanced and Unblanaced Input on Amplifiers, Mixers or other Line-Level Equipment

Microphone

D-TPS1A
Active Single-Pair Sender

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Product Applications & Information: www.rdlnet.com

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Active Two-Pair Sender - Twisted Pair Format-A - Stereo RCA Jack Inputs

Convert Stereo Unbalanced Audio to Balanced and Transmit up to 2,000 Feet (600 Meters)

Alternate Colors:

DB-TPS2A   DS-TPS2A

D-TPS2A
Active Two-Pair Sender

Audio Equipment With
Stereo Unbalanced Output

D-TPR2A
Active Two-Pair Receiver

CAT 5 Cable
(or Better)

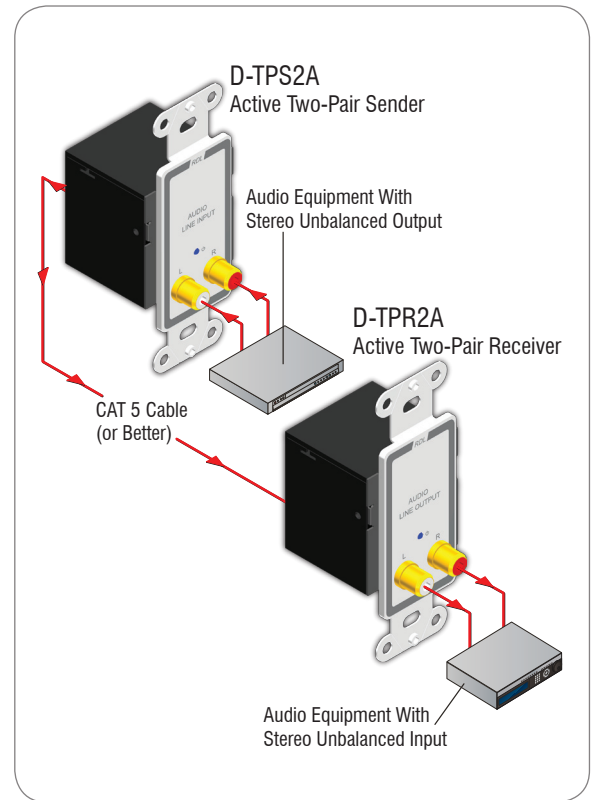Audio Equipment With
Stereo Unbalanced Input

Features:

- Stereo Line-Level Unbalanced Input
- Converts Unbalanced Input to Balanced Line Level
- Outputs are Sent Over CAT5 (or Better) Cable to RDL Format-A Receiver(s)
- May Be Used on Single CAT5 Cable with One Other RDL Format-A Single-Pair Sender
- Precision Active Balanced Circuitry
- Sends on Format-A Pairs B and C
- May Be Powered Locally or Remotely through Twisted Pair Cable
- Compatible with RDL Format-A Receivers
- Cable Distances up to 2,000 Feet (600 Meters)

Recommended Power Supply:
PS-24AS (USA), PS-24AX (International)

Part # D-TPS2A

⌨ Customizable Text

XLR 3-Pin Female Jack on Decora® Wall Plate - Solder Type

Input Plate Connects to Balanced Input of any Audio Equipment

Alternate Colors:

DB-XLR3F   DS-XLR3F

STM-2
Adjustable Gain Microphone
Preamplifier - 35 to 65 dB gain

Line-Level Equipment
with Mono or Stereo
Input

Microphone

D-XLR3F
XLR 3-pin Female Jack - Solder type

Features:

- Quality XLR Connector w/ Gold-Plated Contacts
- Connector Mounted to Steel Plate
- Field-Replaceable Connector
- Solder Connections

Passive, No Power Supply Required

Part # D-XLR3F

⌨ Customizable Text