

Made in USA

CATALOG OF SELECTED EZ PRODUCTS

# infoComm 2009 Sneak Peek!

Booth #6111



Available August 2009



Connectorized Products for A/V Professionals and Users



# RDL<sup>®</sup>

Radio Design Labs

Decades of Performance, Quality and Value

FOR A COMPLETE SELECTION OF EZ PRODUCTS VISIT:

# [www.rdlez.com](http://www.rdlez.com)



RDL EZ Series products provide the highest level of value to A/V professionals and A/V users who demand professional quality. Based on decades of industry-leading technology in professional A/V and installed sound and video, EZ products capitalize on RDL's renowned automated manufacturing to yield unsurpassed value. EZ products are a step up from other industry manufacturers' utility modules, and are a leap up from consumer-grade products.

The EZ series offers unparalleled flexibility. Each unit is fully labeled on the front and rear for use either as a finished product or as a utility module. Installation of multiple products is quick and easy using the comprehensive range of EZ rack mounts, chassis, bezels, drawers and accessories. High quality full-size switches, long life controls, quality connectors, solid-state audio and video switching, gold plating and superior engineering combine to make EZ the best value in the industry. EZ products are attractive, reliable, packed with features and are simple to install and operate. When long-term performance, quality and value matter, the choice is EZ.

EZ products are made in the USA by RDL, the inventor of application-specific modules bringing decades of experience as the world's leading manufacturer of high-reliability performance products to the A/V industry.

**Series Features:**

- High-efficiency power supply included; International plugs available
- Locking dc power jack; Blue front-panel power LED
- RDL full three-year warranty
- Built-in brackets for surface mounting
- Gold plated circuit boards and critical connectors
- Anti-skid rubber feet included for portable use
- Durable, lightweight shielded metal chassis with attractive end-caps



**Series Advantages:**

- Superior audio/video performance compared to OEM utility products
- Full color front-panel graphics for visual appeal and operator ease
- 24 Vdc power for unclipped professional audio headroom
- Full-size switches, long life controls, quality connectors
- Versatile mounting accessories afford ultimate flexibility
- Rear-panel graphics facilitate connections when rack mounted
- Legendary RDL quality assures EZ performance and value

## EZ-ADA4

### Stereo Audio Distribution Amplifier

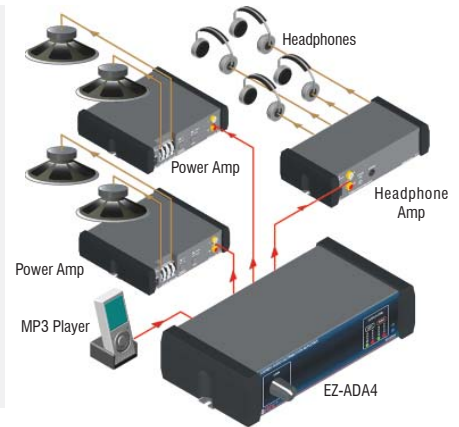


**Features:**

- One Stereo Input to Four Stereo Outputs
- Unbalanced Inputs on MINI or RCA Jacks
- Unbalanced Outputs on RCA Jacks
- Inputs and Outputs on Rear Panel
- Front-Panel LEVEL Control
- Dual-LED VU Meter for Each Channel

**Advantages:**

- Gold-Plated Connectors
- Front-Panel Stereo Audio Metering
- Knob for Easy Level Adjustment



Inputs (2): Stereo on dual RCA jacks or stereo mini jack, > 10 kΩ, -10 dBV nominal, +22 dBV max.; Level control: Off to 12 dB gain above nominal; Outputs (4): Stereo on dual RCA jacks, -10 dBV nominal, +16 dBV max.; Frequency Response: 10 Hz to 20 kHz (±0.01 dB); THD+N: < 0.03%; Crosstalk: < -80 dB (1 kHz); Metering: Dual-LED VU Meter for Left and Right, calibrated to -10 dBV output; Noise: < -85 dB (below -10 dBV output); 24 Vdc power supply current: 20 mA (idle), 60 mA (max.); Case dimensions: 5.75" (14.6 cm)W x 3" (7.6 cm)D; Mounting size: 1/3 rack width.

## EZ-AFC2

### Audio Format Converter

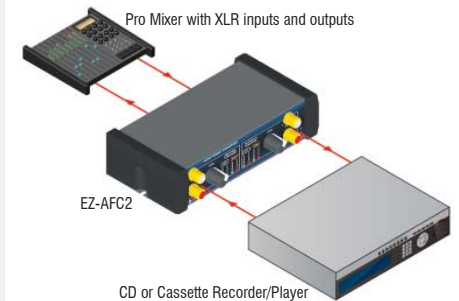


**Features:**

- Unbalanced to Balanced Audio Conversion
- Balanced to Unbalanced Audio Conversion
- Unbalanced RCA Connections on Front Panel
- Balanced XLR Connections on Rear Panel
- Front-Panel LEVEL Controls
- Dual-LED VU Meter for Each Channel

**Advantages:**

- Gold-Plated Connectors
- Front-Panel Stereo Audio Metering
- Knobs for Easy Level Adjustment
- Exceptional Headroom and Frequency Response



UNBALANCED TO BALANCED SECTION Input: Stereo on dual RCA jacks, > 10 kΩ, -10 dBV nominal, +16 dBV max.; Level control: Off to 12 dB gain above nominal; Output: Stereo on dual XLR jacks, +4 dBu nominal, +26 dBu max.; Frequency Response: 10 Hz to 50 kHz (±0.01 dB); THD+N: < 0.01%; Metering: Dual-LED VU Meter for Left and Right, calibrated to +4 dBu output; Crosstalk: < 75 dB (1 kHz); Noise: < -85 dB (below +4 dBu output). BALANCED TO UNBALANCED SECTION Input: Stereo on dual XLR jacks, +4 dBu nominal, +26 dBu max.; Level control: Off to 12 dB gain above nominal; Output: Stereo on dual RCA jacks, -10 dBV nominal, +17 dBV max.; Frequency Response: 10 Hz to 50 kHz (±0.01 dB); THD+N: < 0.003%; Crosstalk: < 80 dB (1 kHz); CMRR: > 50 dB (50 Hz to 120 Hz); Metering: Dual-LED VU Meter for Left and Right, calibrated to -10 dBV output; < 80 dB (1 kHz); Noise: < -75 dB (below +4 dBu output); 24 Vdc power supply current: 45 mA (idle), 90 mA (max.); Case dimensions: 5.75" (14.6 cm)W x 3" (7.6 cm)D; Mounting size: 1/3 rack width.

## EZ-AVX4

### Composite Video and Stereo Audio Input Switcher

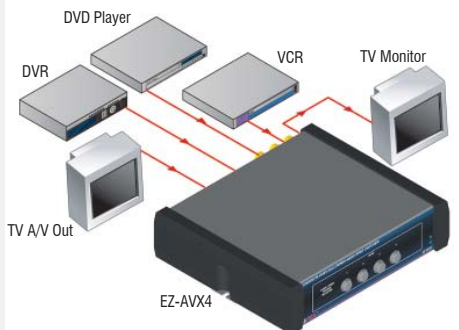


**Features:**

- Four Input Source Selection
- Video Inputs Accept NTSC or PAL Signals
- Unbalanced Stereo Audio Inputs and Output
- Simultaneous Audio and Video Switching
- Audio and Video on Color-Coded RCA Jacks
- Inputs and Outputs on Rear Panel
- Full-Size Interlocking Pushbuttons on Front Panel

**Advantages:**

- Gold-Plated Connectors
- Easy-to-Push Large Buttons
- Solid-State Audio and Video Switching
- Switch Noise Cannot Affect Signal Quality



AUDIO SECTION Inputs (4): Stereo on dual RCA jacks, > 10 kΩ, -10 dBV nominal, +10 dBV max.; Gain: Unity, nominal; Output: Stereo on dual XLR jacks, -10 dBV nominal, +10 dBV max.; Frequency Response: 10 Hz to 20 kHz (±0.01 dB); THD+N: < 0.02%; Off Attenuation: > 95 dB; Noise: < -95 dB (below -10 dBV output). VIDEO SECTION Inputs (4): RCA jack, 1V p-p, 75 Ω; Output: RCA jack, 1V p-p, 75 Ω; Bandwidth: > 350 MHz; Differential gain: < 0.1%; Differential phase: < 0.1 degree; Off Attenuation: > 40 dB @ 10 MHz; Noise: < -90 dB (1V p-p video, 75 Ω); 24 Vdc power supply current: 85 mA (idle), 100 mA (max.); Case dimensions: 5.75" (14.6 cm)W x 5" (12.7 cm)D; Mounting size: 1/3 rack width.

## EZ-HDA4A

### Stereo Headphone Distribution Amplifier

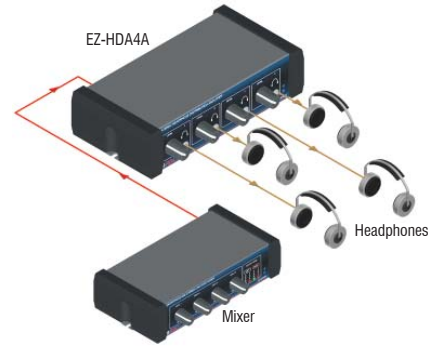


#### Features:

- One Stereo Input to Four Stereo Outputs
- Unbalanced Inputs on Rear Panel
- Input on MINI, 1/4" (6.3 mm) or RCA Jacks
- Headphone Outputs on Front Panel
- Outputs on MINI Jacks
- Front-Panel LEVEL Control for Each Output

#### Advantages:

- Gold-Plated RCA Input Connectors
- Each Output is Driven Separately
- Knobs for Easy Level Adjustment



Inputs (3): Stereo on dual RCA jacks, stereo mini jack or 1/4" (6.3 mm) TRS, > 10 k $\Omega$ , -10 dBV nominal, +8.5 dBV max. (RCA and 1/4"), -16 dBV nominal, +2 dBV max. (Mini); Level control: Off to +2.5 dB gain (RCA and 1/4" inputs, 100  $\Omega$  output load), Off to +9 dB gain (Mini input, 100  $\Omega$  output load); Outputs (4): Stereo on Mini jacks (front panel), 60 mW (100  $\Omega$  load); Frequency Response: 20 Hz to 50 kHz ( $\pm 1.5$  dB, 100  $\Omega$  load); THD+N: < 0.1% (10 mW output, 100  $\Omega$  load); Crosstalk: < -75 dB (1 kHz); Noise: < -95 dB (below 10 mW output, 100  $\Omega$  load, maximum gain); 24 Vdc power supply current: 40 mA (idle), 65 mA (max.); Case dimensions: 5.75" (14.6 cm)W x 3" (7.6 cm)D; Mounting size: 1/3 rack width.

## EZ-HDA4B

### Stereo Headphone Distribution Amplifier

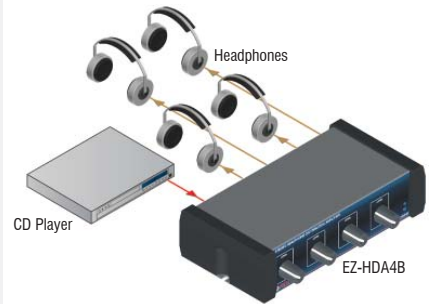


#### Features:

- One Stereo Input to Four Stereo Outputs
- Unbalanced Inputs on Rear Panel
- Input on MINI, 1/4" (6.3 mm) or RCA Jacks
- Headphone Outputs on Rear Panel
- Outputs on MINI Jacks
- Front-Panel LEVEL Control for Each Output

#### Advantages:

- Gold-Plated RCA Input Connectors
- Each Output is Driven Separately
- Knobs for Easy Level Adjustment



Inputs (3): Stereo on dual RCA jacks, stereo mini jack or 1/4" (6.3 mm) TRS, > 10 k $\Omega$ , -10 dBV nominal, +8.5 dBV max. (RCA and 1/4"), -16 dBV nominal, +2 dBV max. (Mini); Outputs (4): Stereo on Mini jacks (rear panel), 60 mW (100  $\Omega$  load); Level control: Off to +2.5 dB gain (RCA and 1/4" inputs, 100  $\Omega$  output load), Off to +9 dB gain (Mini input, 100  $\Omega$  output load); Frequency Response: 20 Hz to 50 kHz ( $\pm 1.5$  dB, 100  $\Omega$  load); THD+N: < 0.1% (10 mW output, 100  $\Omega$  load); Crosstalk: < -75 dB (1 kHz); Noise: < -95 dB (below 10 mW output, 100  $\Omega$  load, maximum gain); 24 Vdc power supply current: 40 mA (idle), 65 mA (max.); Case dimensions: 5.75" (14.6 cm)W x 3" (7.6 cm)D; Mounting size: 1/3 rack width.

## EZ-HDA6

### Stereo Headphone Distribution Amplifier

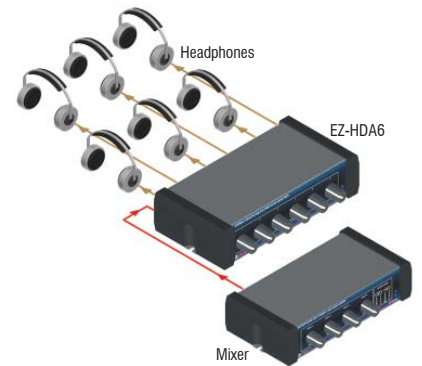


#### Features:

- One Stereo Input to Six Stereo Outputs
- Unbalanced Inputs on Rear Panel
- Input on MINI, 1/4" (6.3 mm) or RCA Jacks
- LOOP OUT Jack for 1/4" (6.3 mm) Input
- 1/4" (6.3 mm) Headphone Outputs on Rear Panel
- Front-Panel LEVEL Control for Each Output

#### Advantages:

- Gold-Plated RCA Input Connectors
- Each Output is Driven Separately
- Knobs for Easy Level Adjustment



Inputs (3): Stereo on dual RCA jacks, stereo mini jack or 1/4" (6.3 mm) TRS, > 10 k $\Omega$ , -10 dBV nominal, +8.5 dBV max. (RCA and 1/4"), -16 dBV nominal, +2 dBV max. (Mini); Stereo input LOOP OUT on 1/4" (6.3 mm) TRS; Level control: Off to +2.5 dB gain (RCA and 1/4" inputs, 100  $\Omega$  output load), Off to +9 dB gain (Mini input, 100  $\Omega$  output load); Outputs (7): Stereo on 1/4" (6.3 mm) TRS (6, rear panel), 60 mW (100  $\Omega$  load); Frequency Response: 20 Hz to 50 kHz ( $\pm 1.5$  dB, 100  $\Omega$  load); THD+N: < 0.1% (10 mW output, 100  $\Omega$  load); Crosstalk: < -75 dB (1 kHz); Noise: < -95 dB (below 10 mW output, 100  $\Omega$  load, maximum gain); 24 Vdc power supply current: 50 mA (idle), 80 mA (max.); Case dimensions: 5.75" (14.6 cm)W x 3" (7.6 cm)D; Mounting size: 1/3 rack width.

## EZ-HSX4

### Stereo Audio Input Switcher with Headphone Amp

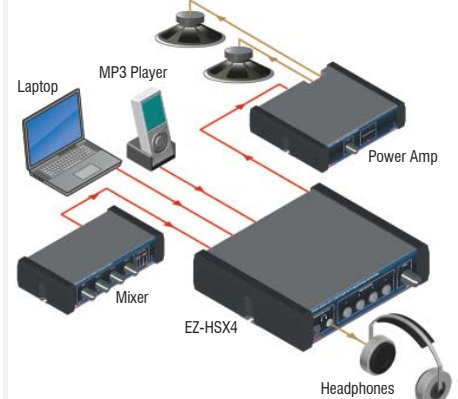


#### Features:

- Four Input Source Selection
- Unbalanced Stereo Audio Inputs and Output
- Inputs and Line Output on Rear-Panel RCA Jacks
- Line Output Switchable Fixed (Unity Gain) or Variable
- Variable Output Follows Front-Panel Level Control
- Headphone Output on 1/4" (6.3 mm) and MINI Jacks
- Headphone Output Follows Front-Panel Level Control
- Full-Size Interlocking Pushbuttons on Front Panel

#### Advantages:

- Easy-to-Push Large Buttons
- Solid-State Audio Switching
- Switch Noise Cannot Affect Signal Quality



Inputs (4): Stereo on dual RCA jacks, > 10 k $\Omega$ , -10 dBV nominal, +10 dBV max.; Level control: Off to +12 dB gain; Outputs (3): Stereo on dual RCA jacks (line level, -10 dBV nominal, +10 dBV max. fixed, +17 dBV max. variable), 1/4" (6.3 mm) TRS or Mini jack (2 headphone, 35 mW, 100  $\Omega$  load); Frequency Response: 10 Hz to 20 kHz (line output  $\pm 0.05$  dB; headphone output  $\pm 1.25$  dB, 100  $\Omega$  load); THD+N: < 0.03% (line output), < 0.1% (headphone output, 10 mW, 100  $\Omega$  load); Crosstalk: < -70 dB (1 kHz); Noise: < -100 dB (headphone, below 10 mW output, 100  $\Omega$  load); Noise: < -80 dB (variable output, below -10 dBV, unity gain), < -95 dB (fixed output, below -10 dBV); 24 Vdc power supply current: 40 mA (idle), 50 mA (max.); Case dimensions: 5.75" (14.6 cm)W x 5" (12.7 cm)D; Mounting size: 1/3 rack width.

# EZ-MPA1

## Microphone Preamplifier with Compressor

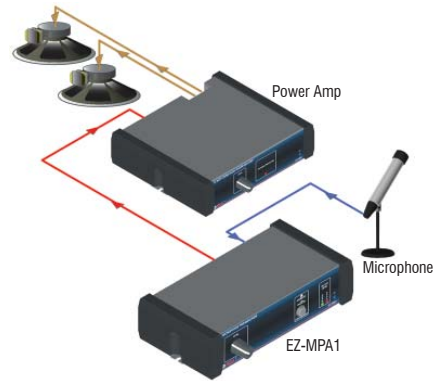


### Features:

- Balanced Microphone Input on Rear-Panel XLR
- Switch-Selectable Phantom on Rear Panel
- Unbalanced Output on MINI or RCA Rear-Panel Jacks
- Preamp Feeds Left and Right Output Channels
- Front-Panel Compressor Enable/Disable Switch
- Audio Compressor Controls Overloads
- Front-Panel LEVEL Control
- Dual-LED VU Meter

### Advantages:

- Optimized for Dynamic or Condenser Mics
- Headroom Accomodates High Input Levels
- Headroom Increases with Lower Gain Settings
- Compressor Limits Clipping Over Wide Dynamic Range



Input: 1.2 kΩ balanced on XLR jack, mic-level, -11 dBu max.; Level control: Off to 50 dB gain; Outputs (2): -10 dBV nominal on RCA jacks or Mini jack, +16 dBV max. without compression, -4 dBV max. with 20 dB compression; Frequency Response: 80 Hz to 40 kHz (±1 dB, mic input, -6 dB at 20 Hz with integral high-pass filter), THD+N: < 0.1% (35 Hz to 20 kHz, -50 dBu input); Compression: 20 dB range, switch-selectable; CMRR: > 55 dB (20 to 20 kHz); Metering: Dual-LED VU Meter, calibrated to -10 dBV output; Phantom: Switch-selectable 24 V (IEC 1938: 1996-12); Noise: < -65 dB (below -10 dBV output, -50 dBu input); 24 Vdc power supply current: 55 mA (idle), 80 mA (max.), 100 mA (max. with phantom); Case dimensions: 5.75" (14.6 cm)W x 3" (7.6 cm)D; Mounting size: 1/3 rack width.

# EZ-MPA2

## Dual Microphone Preamplifier with Compressors

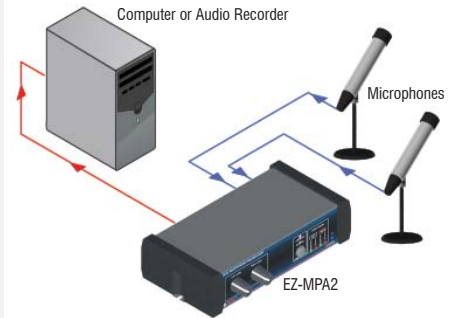


### Features:

- Left and Right Balanced XLR Microphone Inputs
- Switch-Selectable Phantom on Rear Panel
- Unbalanced Output on MINI or RCA Jacks
- Input and Output Connections on Rear Panel
- Front-Panel Compressor Enable/Disable Switch
- Audio Compressors Control Overloads
- Front-Panel LEVEL Control for Each Channel
- Dual-LED VU Meter for Each Channel

### Advantages:

- Optimized for Dynamic or Condenser Mics
- Headroom Accomodates High Input Levels
- Headroom Increases with Lower Gain Settings
- Compressor Limits Clipping Over Wide Dynamic Range



Inputs (2): 1.2 kΩ balanced on XLR jack, mic-level, -11 dBu max.; Level controls (2): Off to 50 dB gain for each input; Outputs (2): -10 dBV nominal on RCA jacks or Mini jack, +16 dBV max. without compression, -4 dBV max. with 20 dB compression; Frequency Response: 80 Hz to 40 kHz (±1 dB, mic input, -6 dB at 20 Hz with integral high-pass filter), THD+N: < 0.1% (35 Hz to 20 kHz, -50 dBu input); Compression: 20 dB range, switch-selectable; Crosstalk: Below noise floor (1 kHz); CMRR: > 55 dB (20 to 20 kHz); Metering: Dual-LED VU Meter for Left and Right, calibrated to -10 dBV output; Phantom: Switch-selectable 24 V (IEC 1938: 1996-12); Noise: < -65 dB (below -10 dBV output, -50 dBu input); 24 Vdc power supply current: 65 mA (idle), 90 mA (max.), 110 mA (max. with phantom); Case dimensions: 5.75" (14.6 cm)W x 3" (7.6 cm)D; Mounting size: 1/3 rack width.

# EZ-MX4L

## Stereo Line-Level Audio Mixer

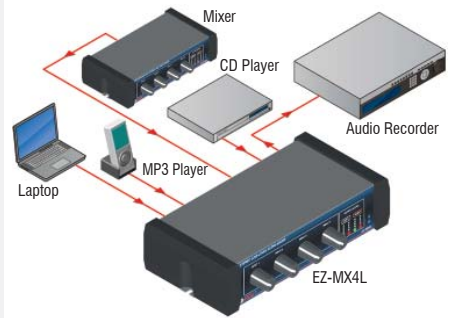


### Features:

- Four Channel Line-Level Audio Mixer
- Three Unbalanced Line Inputs on RCA Jacks
- One Line Input on MINI or RCA Jacks
- Unbalanced Output on MINI or RCA Jacks
- Dual-LED VU Meter for Each Channel

### Advantages:

- Headroom Accomodates High Input Level
- Exceptional Headroom for an Unbalanced Mixer
- Gold Plated RCA Input and Output Jacks
- Audio VU Metering Facilitates Adjustment



Inputs (5): > 10 kΩ, -10 dBV nominal on RCA jacks (4) or Mini Jack (1), +20 dBV max.; Level controls (4): Off to 12 dB gain; Outputs (2): -10 dBV nominal on RCA jacks (1) or Mini jack (1, stereo), +16 dBV max.; Frequency Response: 10 Hz to 20 kHz (±0.01 dB, line); THD+N: < 0.05%; Crosstalk: < -72 dB (1 kHz); Metering: Dual-LED VU Meter for Left and Right, calibrated to -10 dBV output; Noise: < -85 dB (below -10 dBV output); 24 Vdc power supply current: 30 mA (idle), 60 mA (max.); Case dimensions: 5.75" (14.6 cm)W x 3" (7.6 cm)D; Mounting size: 1/3 rack width.

# EZ-MX4ML

## Microphone and Stereo Line Audio Mixer

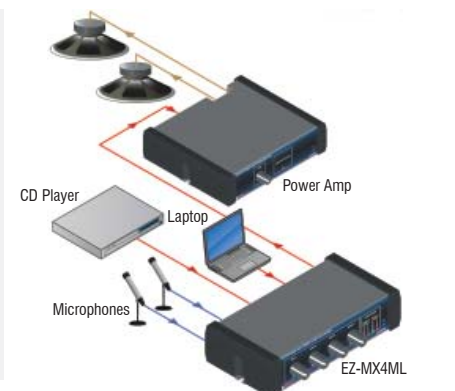


### Features:

- Four Input Mixer, Two Mic and Two Line Inputs
- Two Balanced Microphone Inputs on XLR
- One Unbalanced Line Input on RCA Jacks
- One Line Input on MINI or RCA Jacks
- Unbalanced Output on RCA Jacks
- Microphone Inputs Provide Phantom Voltage
- Dual-LED VU Meter for Each Channel

### Advantages:

- Optimized for Dynamic or Condenser Mics
- Headroom Accomodates High Input Levels
- Mic Headroom Increases at Lower Gain Settings
- Gold Plated RCA Input and Output Jacks



Mic inputs (2): 1.2 kΩ balanced on XLR jack, mic-level, -11 dBu max.; Line inputs (3): > 10 kΩ, -10 dBV nominal on RCA jacks, -10 dBV nominal on RCA jacks or Mini Jack, +20 dBV max.; Level controls (4): Off to 50 dB gain (mic), Off to 12 dB gain (line); Output: -10 dBV nominal on RCA jacks or Mini jack (stereo), +16 dBV max.; Frequency Response: 80 Hz to 40 kHz (±1 dB, mic input, -6 dB at 20 Hz with integral high-pass filter), 10 Hz to 20 kHz (±0.01 dB, line input); THD+N: < 0.1% (20 Hz to 20 kHz, -50 dBu mic input), < 0.05% (20 Hz to 20 kHz, line input); Crosstalk: < -72 dB (1 kHz); CMRR: > 55 dB (20 to 20 kHz, mic input); Metering: Dual-LED VU Meter for Left and Right, calibrated to -10 dBV output; Phantom: 24 V (IEC 1938: 1996-12); Noise: < -65 dB (below -10 dBV output, -50 dBu mic input), < -75 dB (below -10 dBV output, line input); 24 Vdc power supply current: 50 mA (idle), 80 mA (max.), 100 mA (max. with phantom); Case dimensions: 5.75" (14.6 cm)W x 3" (7.6 cm)D; Mounting size: 1/3 rack width.

## EZ-MXA20

### 20 Watt Stereo Audio Mixer Amplifier with Tone Controls



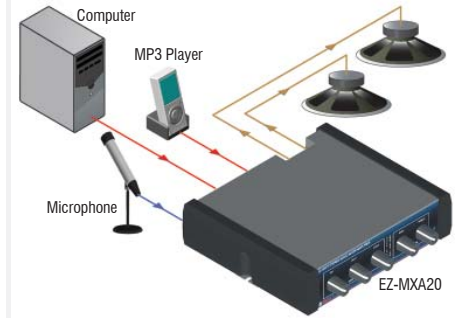
#### Features:

- Audio Amplifier with Mic and Line Input Mixer
- 10 Watts RMS Per Channel into 8  $\Omega$
- 8 Watts RMS Per Channel into 4  $\Omega$
- Switch-Selectable Load Impedance on Rear Panel
- Balanced Microphone Input on XLR
- Unbalanced Line Inputs on RCA Jacks
- Switch-Selectable Phantom on Mic Input
- Bass and Treble Tone Control Equalization
- Integral Overload Limiter with LED Indicator
- Limiter Controls Overloads from Clipping

#### Advantages:

- Limiter Produces Output Level Comparable to Higher Power Amps

Inputs (3): 1.2 k $\Omega$  balanced on XLR jack, mic-level, -55 dBu max. (for 10 W out), -11 dBu max. (1); > 10 k $\Omega$ , -10 dBV nominal on RCA jacks, -13 dBV Min. (for 10 W out), +22 dBV max. (2); Gain: Off to 74 dB (mic), Off to 32 dB (line); Outputs (2): Left and Right, 10 Watts RMS into 8  $\Omega$  per channel or 8 Watts RMS into 4  $\Omega$  per channel, switch-selectable output impedance; Equalization:  $\pm 10$  dB @ 10 kHz,  $\pm 9$  dB @ 80 Hz; Frequency Response: 50 Hz to 20 kHz ( $\pm 1.5$  dB, mic input, 10 Watts), 35 Hz to 20 kHz ( $\pm 1.5$  dB, line input, 10 Watts); THD+N: < 0.25%; CMRR: > -55 dB (mic); Crosstalk: < -68 dB (1 kHz, line input); Phantom: Switch-selectable 24 V (IEC 1938: 1996-12); Noise: < -70 dB (below 10 Watts, -10 dBV line input), < -65 dB (below 10 Watts, -50 dBu mic input); 24 Vdc power supply current: 170 mA (idle), 1000 mA (max.); Case dimensions: 5.75" (14.6 cm)W x 5" (12.7 cm)D; Mounting size: 1/3 rack width.



## EZ-PA20

### 20 Watt Stereo Audio Power Amplifier



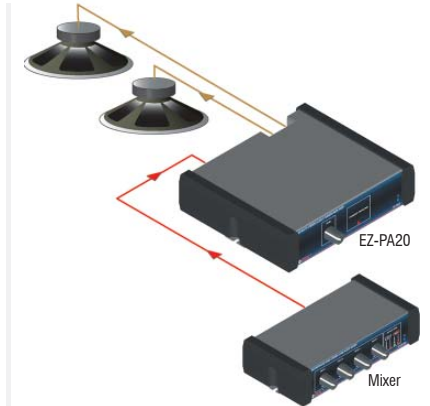
#### Features:

- Audio Amplifier with Front-Panel Level Control
- 10 Watts RMS Per Channel into 8  $\Omega$
- 8 Watts RMS Per Channel into 4  $\Omega$
- Switch-Selectable Load Impedance on Rear Panel
- Unbalanced Line Input on RCA Jacks
- Switch-Selectable Mono or Stereo Mode
- Integral Overload Limiter with LED Indicator
- Limiter Controls Overloads from Clipping

#### Advantages:

- Limiter Produces Output Level Comparable to Higher Power Amps
- Mono Mode Switch Sums Left and Right Inputs

Input: > 10 k $\Omega$ , -10 dBV nominal on RCA jacks, -13 dBV Min. (for 10 W out), +22 dBV max.; Gain: Off to 32 dB; Outputs (2): Left and Right, 10 Watts RMS into 8  $\Omega$  per channel or 8 Watts RMS into 4  $\Omega$  per channel, switch-selectable output impedance; Frequency Response: 35 Hz to 20 kHz ( $\pm 1.5$  dB, 10 Watts); THD+N: < 0.25%; Crosstalk: < -68 dB (1 kHz); Phantom: Switch-selectable 24 V (IEC 1938: 1996-12); Noise: < -70 dB (below 10 Watts); 24 Vdc power supply current: 160 mA (idle), 1000 mA (max.); Case dimensions: 5.75" (14.6 cm)W x 5" (12.7 cm)D; Mounting size: 1/3 rack width.



## EZ-PH1

### Stereo Phono Preamplifier



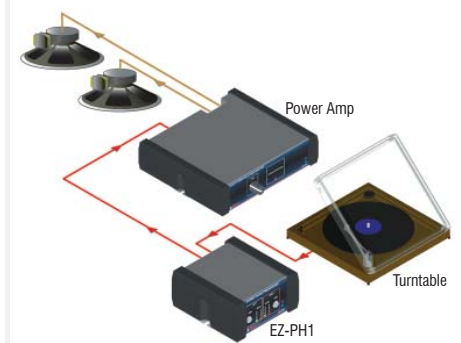
#### Features:

- Phono Input on Gold-Plated RCA Jacks
- Line Output on Gold-Plated RCA Jacks
- Front-Panel GAIN Trimmer for Each Channel
- Dual-LED VU Meter for Each Channel
- RIAA Equalization
- Turntable Grounding Screw Provided

#### Advantages:

- Gold Plated RCA Jacks
- Adapt Turntable to an Amplifier Line Input
- Feed a Turntable into a CD Recorder

Input: 47 k $\Omega$  on stereo RCA jacks; Input Level: -18 dBV max.; Gain: OFF to +55 dB (1 kHz); Output: -10 dBV nominal on stereo RCA jacks; Equalization: RIAA; Frequency Response: 20 to 20 kHz ( $\pm 0.75$  dB referred to RIAA curve); Crosstalk: < -75 dB (1 kHz); THD+N: < 0.05% (20 to 20 kHz, 36 dB gain); Noise: < -74 dB (36 dB gain, 1 kHz), < -80 dB (36 dB gain, 1 kHz, "A-weighted"); 24 Vdc power supply current: 30 mA (idle), 45 mA (max.); Case dimensions: 2.9" (7.4 cm)W x 3" (7.6 cm)D; Mounting size: 1/6 rack width.



## EZ-SX4

### Stereo Audio Input Switcher



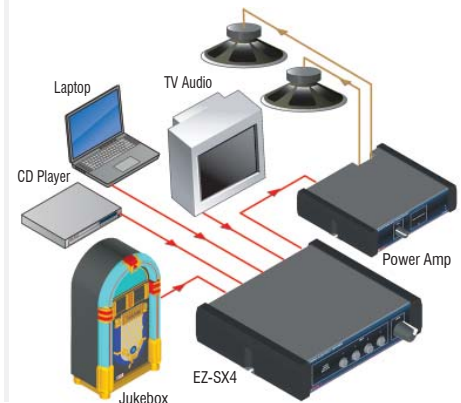
#### Features:

- Four Input Source Selection
- Unbalanced Stereo Audio Inputs and Output
- Inputs and Line Output on Rear-Panel RCA Jacks
- Line Output Level Controlled by Front-Panel Knob
- Full-Size Interlocking Pushbuttons on Front Panel

#### Advantages:

- Easy-to-Push Large Buttons
- Solid-State Audio Switching
- Switch Noise Cannot Affect Signal Quality
- Select Source and Set Volume at One Location
- Connect Directly to a Power Amp as the User Interface
- Gold Plated RCA Input and Output Jacks

Inputs (4): Stereo on dual RCA jacks, > 10 k $\Omega$ , -10 dBV nominal, +10 dBV max.; LEVEL control: Off to +12 dB gain; Output: Stereo on dual RCA jacks, line level, -10 dBV nominal, +17 dBV max.; Frequency Response: 10 Hz to 20 kHz ( $\pm 0.01$  dB); THD+N: < 0.02%; Crosstalk: < -70 dB (1 kHz); Noise: < -80 dB (below -10 dBV); 24 Vdc power supply current: 30 mA (idle), 60 mA (max.); Case dimensions: 5.75" (14.6 cm)W x 5" (12.7 cm)D; Mounting size: 1/3 rack width.



## EZ-VDA2B

### Video Distribution Amplifier

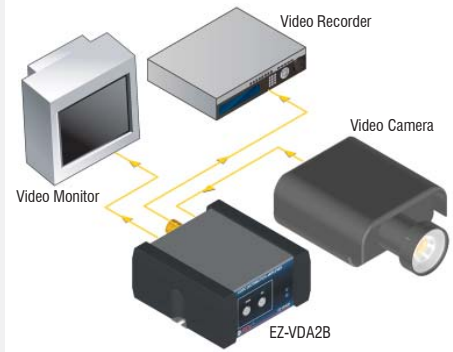


#### Features:

- Composite Input to Two Composite Outputs
- Front-Panel GAIN and EQ Trimmers
- Operation with NTSC or PAL Signals
- 75  $\Omega$  Terminated Input
- Input and Outputs on Gold-Plated BNC Jacks
- Wide Bandwidth > 400 MHz

#### Advantages:

- Gold Plated Professional BNC Jacks
- Wide Bandwidth Supports High Quality Video
- Exceptional Performance in a Small Amplifier



Input: 75  $\Omega$  on BNC jack; Input level: 1 V p-p nominal; Gain: Unity to +6 dB (adjustable); Bandwidth: > 400 MHz; Coupling: AC; Differential Gain: < 0.1%; Differential Phase: < 0.1 degree; Equalization: Flat to +7 dB @ 50 MHz (adjustable); Residual Noise: < -90 dB (referenced to 1 V p-p); Outputs (2): 75  $\Omega$  source-terminated on BNC jacks, 1 V p-p nominal (terminated); 24 Vdc power supply current: 20 mA (idle), 30 mA (max.); Case dimensions: 2.9" (7.4 cm)W x 3" (7.6 cm)D; Mounting size: 1/6 rack width.

## EZ-VDA2R

### Video Distribution Amplifier

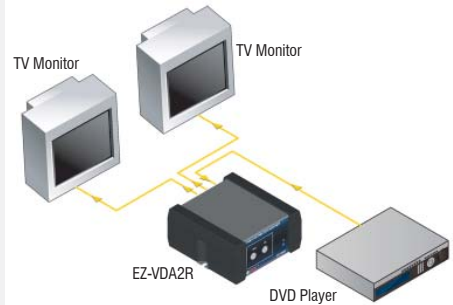


#### Features:

- Composite Input to Two Composite Outputs
- Front-Panel GAIN and EQ Trimmers
- Operation with NTSC or PAL Signals
- 75  $\Omega$  Terminated Input
- Input and Outputs on Gold-Plated RCA Jacks
- Wide Bandwidth > 400 MHz

#### Advantages:

- Gold Plated RCA Jacks
- Wide Bandwidth Supports High Quality Video
- Exceptional Performance in a Small Amplifier



Input: 75  $\Omega$  on RCA jack; Input level: 1 V p-p nominal; Gain: Unity to +6 dB (adjustable); Bandwidth: > 400 MHz; Coupling: AC; Differential Gain: < 0.1%; Differential Phase: < 0.1 degree; Equalization: Flat to +7 dB @ 50 MHz (adjustable); Residual Noise: < -90 dB (referenced to 1 V p-p); Outputs (2): 75  $\Omega$  source-terminated on RCA jacks, 1 V p-p nominal (terminated); 24 Vdc power supply current: 20 mA (idle), 30 mA (max.); Case dimensions: 2.9" (7.4 cm)W x 3" (7.6 cm)D; Mounting size: 1/6 rack width.

## EZ-VDA3B

### Video Distribution Amplifier

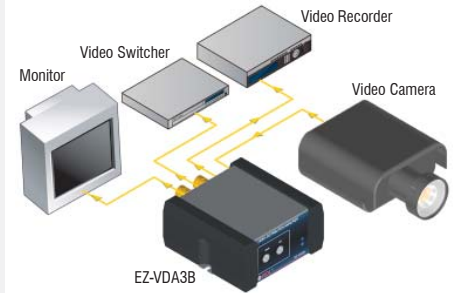


#### Features:

- Composite Input to Three Composite Outputs
- Front-Panel GAIN and EQ Trimmers
- Operation with NTSC or PAL Signals
- 75  $\Omega$  Terminated Input
- Input and Outputs on Gold-Plated BNC Jacks
- Wide Bandwidth > 400 MHz

#### Advantages:

- Gold Plated Professional BNC Jacks
- Wide Bandwidth Supports High Quality Video
- Exceptional Performance in a Small Amplifier



Input: 75  $\Omega$  on BNC; Input level: 1 V p-p nominal; Gain: Unity to +6 dB (adjustable); Bandwidth: > 400 MHz; Coupling: AC; Differential Gain: < 0.1%; Differential Phase: < 0.1 degree; Equalization: Flat to +7 dB @ 50 MHz (adjustable); Residual Noise: < -90 dB (referenced to 1 V p-p); Outputs (3): 75  $\Omega$  source-terminated on BNC jacks, 1 V p-p nominal (terminated); 24 Vdc power supply current: 20 mA (idle), 35 mA (max.); Case dimensions: 2.9" (7.4 cm)W x 3" (7.6 cm)D; Mounting size: 1/6 rack width.

## EZ-VM22E

### VGA/XGA Switcher/Equalized Amplifier

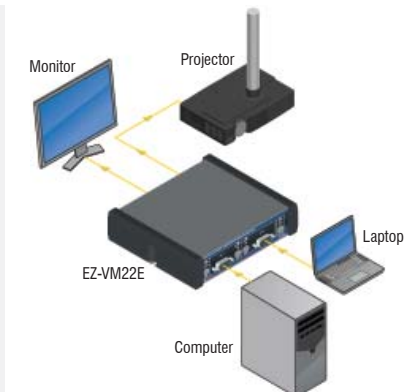


#### Features:

- Inputs and Outputs on HD15 Female Connectors
- Two Front-Panel Switch-Selectable Inputs
- Wide RGB Bandwidth > 470 MHz Loaded
- High Resolution Compatibility VGA through QXGA
- Solid-State Switching of Video and Sync Signals
- Reliable Full-Size Switches for Switched Functions
- Switch-Selectable TTL or Video 75  $\Omega$  Input Sync
- NORM ID BIT Connects LOCAL MONITOR and INPUT 1 ID
- Front-Panel ID Bit Selection for Each Input
- DC RGB Coupling, Output Polarity & Offset Follow Input
- Rear-Panel GAIN and EQ Peaking Trimmers

#### Advantages:

- Ideal Weight and Size for Portable Computer Case
- All Selector Switches Easily Accessible on Front-Panel



Inputs (2): VGA - QXGA RGBHV or RGB with combined sync; Outputs (2): LOCAL MONITOR (1, Buffered, ID bit pass-thru to INPUT 1), MONITOR (1, with GAIN and EQ trim); Gain: Unity (LOCAL MONITOR output), Unity to +6 dB (MONITOR output); Equalization (peaking): None (LOCAL MONITOR output), Adjustable 0 to +8 dB at 50 MHz (MONITOR output); Video bandwidth: > 470 MHz; Output offset:  $\pm 5$  mV t.p. (75  $\Omega$  load); Video impedance: 75  $\Omega$  (input and output); Sync (HV) input: 500  $\Omega$  TTL or 75  $\Omega$  Video (Switch-selectable), 0.7 V to 5 V p-p; Sync (HV) output: 5V TTL; Sync (HV) Propagation Delay: < 4 ns t.p.; Sync (HV) Rise Time: < 4 ns t.p.; Sync (combined): Output follows input; Bit Control: Switch-selectable (individual selector per input, pin 4, over-rides LOCAL MONITOR jack ID bit pass-thru); 24 Vdc power supply current: 70 mA (idle), 80 mA (max.); Case dimensions: 5.75" (14.6 cm)W x 5" (12.7 cm)D; Mounting size: 1/3 rack width.

## EZ-VM24E

### VGA/XGA Switcher/Equalized Distribution Amplifier



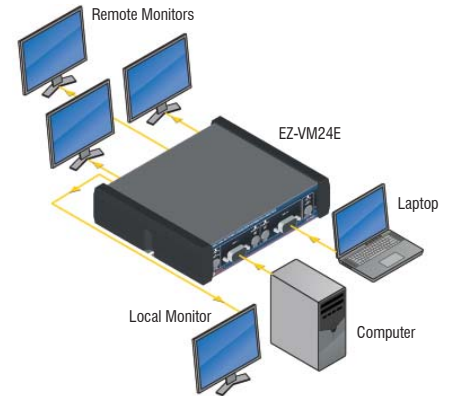
Inputs (2): VGA - QXGA RGBHV or RGB with combined sync; Outputs (4): LOCAL MONITOR (1, Buffered, ID bit pass-thru to INPUT 1), Monitor (3, with GAIN and EQ trim); Gain: Unity (LOCAL MONITOR output), Unity to +6 dB (Monitor outputs); Equalization (peaking): None (LOCAL MONITOR output), Adjustable 0 to +8 dB at 100 MHz (Monitor outputs); Video bandwidth: > 470 MHz; Video impedance: 75  $\Omega$  (Input and output); Sync (HV) input: 500  $\Omega$  TTL or 75  $\Omega$  Video (Switch-selectable), 0.7 V to 5 V p-p; Sync (HV) output: 5V TTL; Sync (HV) Propagation delay: < 4 nS typ.; Sync (HV) Rise time: < 4 nS typ.; Sync (combined): Output follows input; Bit Control: Switch-selectable (individual selector per input, pin 4, over-rides LOCAL MONITOR jack ID bit pass-thru); 24 Vdc power supply current: 70 mA (idle), 90 mA (max.); Case dimensions: 5.75" (14.6 cm)W x 5" (12.7 cm)D; Mounting size: 1/3 rack width.

#### Features:

- Inputs and Outputs on HD15 Female Connectors
- Two Front-Panel Switch-Selectable Inputs
- Wide RGB Bandwidth > 470 MHz Loaded
- High Resolution Compatibility VGA through QXGA
- Solid-State Switching of Video and Sync Signals
- Reliable Full-Size Switches for Switched Functions
- Switch-Selectable TTL or Video 75  $\Omega$  Input Sync
- NORM ID BIT Connects LOCAL MONITOR and INPUT 1 ID
- Front-Panel ID Bit Selection for Each Input
- DC RGB Coupling, Output Polarity & Offset Follow Input
- Rear-Panel GAIN and EQ Peaking Trimmers

#### Advantages:

- All Selector Switches Easily Accessible on Front-Panel



## EZ-VMD2

### VGA/XGA Distribution Amplifier



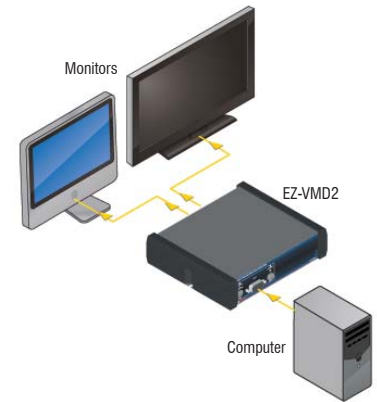
Input: VGA - QXGA RGBHV or RGB with combined sync; Outputs (2): LOCAL MONITOR (1, Buffered, ID bit pass-thru to INPUT), Monitor (1, separately buffered); Gain: Unity; Video bandwidth: > 470 MHz; Video impedance: 75  $\Omega$  (Input and output); Sync (HV) input: 500  $\Omega$  TTL or 75  $\Omega$  Video (Switch-selectable), 0.7 V to 5 V p-p; Sync (HV) output: 5V TTL; Sync (HV) Propagation delay: < 4 nS typ.; Sync (HV) Rise time: < 4 nS typ.; Sync (combined): Output follows input; Bit Control: Switch-selectable (Pin 4, over-rides LOCAL MONITOR jack ID bit pass-thru); 24 Vdc power supply current: 70 mA (idle), 80 mA (max.); Case dimensions: 5.75" (14.6 cm)W x 5" (12.7 cm)D; Mounting size: 1/3 rack width.

#### Features:

- Input and Outputs on HD15 Female Connectors
- Two Individually Buffered Outputs
- Wide RGB Bandwidth > 470 MHz Loaded
- High Resolution Compatibility VGA through QXGA
- Reliable Full-Size Switches for Switched Functions
- Switch-Selectable TTL or Video 75  $\Omega$  Input Sync
- NORM ID BIT Connects LOCAL MONITOR and INPUT ID
- Front-Panel Input ID Bit Selection
- DC RGB Coupling, Output Polarity & Offset Follow Input

#### Advantages:

- All Selector Switches Easily Accessible on Front-Panel
- Ideal Weight and Size for Portable Computer Case



## EZ-VMD4

### VGA/XGA Distribution Amplifier



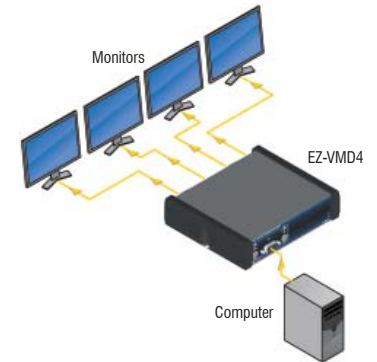
Input: VGA - QXGA RGBHV or RGB with combined sync; Outputs (4): LOCAL MONITOR (1, Buffered, ID bit pass-thru to INPUT), OUTPUTS (3, buffered separately from LOCAL MONITOR); Gain: Unity; Video bandwidth: > 470 MHz; Video impedance: 75  $\Omega$  (Input and output); Sync (HV) input: 500  $\Omega$  TTL or 75  $\Omega$  Video (Switch-selectable), 0.7 V to 5 V p-p; Sync (HV) output: 5V TTL; Sync (HV) Propagation delay: < 4 nS typ.; Sync (HV) Rise time: < 4 nS typ.; Sync (combined): Output follows input; Bit Control: Switch-selectable (Pin 4, over-rides LOCAL MONITOR jack ID bit pass-thru); 24 Vdc power supply current: 70 mA (idle), 90 mA (max.); Case dimensions: 5.75" (14.6 cm)W x 5" (12.7 cm)D; Mounting size: 1/3 rack width.

#### Features:

- Input and Outputs on HD15 Female Connectors
- One Local Monitor Plus Three Monitor Outputs
- Wide RGB Bandwidth > 470 MHz Loaded
- High Resolution Compatibility VGA through QXGA
- Reliable Full-Size Switches for Switched Functions
- Switch-Selectable TTL or Video 75  $\Omega$  Input Sync
- NORM ID BIT Connects LOCAL MONITOR and INPUT ID
- Front-Panel Input ID Bit Selection
- DC RGB Coupling, Output Polarity & Offset Follow Input

#### Advantages:

- All Selector Switches Easily Accessible on Front-Panel
- Ideal Weight and Size for Portable Computer Case



## EZ-VMD4E

### VGA/XGA Equalized Distribution Amplifier



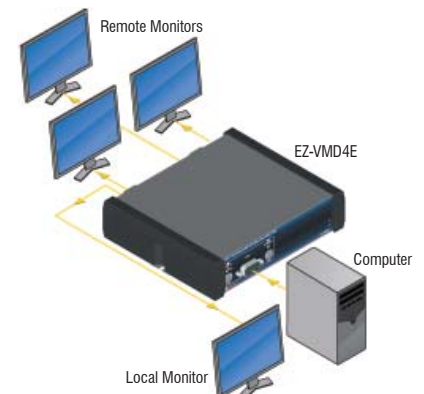
Input: VGA - QXGA RGBHV or RGB with combined sync; Outputs (4): LOCAL MONITOR (1, Buffered, ID bit pass-thru to INPUT 1), OUTPUTS (3, with GAIN and EQ trim); Gain: Unity (LOCAL MONITOR output), Unity to +6 dB (Monitor outputs); Equalization (peaking): None (LOCAL MONITOR output), Adjustable 0 to +8 dB at 100 MHz (Monitor outputs); Video bandwidth: > 470 MHz; Video impedance: 75  $\Omega$  (Input and output); Sync (HV) input: 500  $\Omega$  TTL or 75  $\Omega$  Video (Switch-selectable), 0.7 V to 5 V p-p; Sync (HV) output: 5V TTL; Sync (HV) Propagation delay: < 4 nS typ.; Sync (HV) Rise time: < 4 nS typ.; Sync (combined): Output follows input; Bit Control: Switch-selectable (individual selector per input, pin 4, over-rides LOCAL MONITOR jack ID bit pass-thru); 24 Vdc power supply current: 70 mA (idle), 90 mA (max.); Case dimensions: 5.75" (14.6 cm)W x 5" (12.7 cm)D; Mounting size: 1/3 rack width.

#### Features:

- Input and Outputs on HD15 Female Connectors
- Wide RGB Bandwidth > 470 MHz Loaded
- High Resolution Compatibility VGA through QXGA
- Reliable Full-Size Switches for Switched Functions
- Switch-Selectable TTL or Video 75  $\Omega$  Input Sync
- NORM ID BIT Connects LOCAL MONITOR and INPUT ID
- Front-Panel ID Bit Selection for Each Input
- DC RGB Coupling, Output Polarity & Offset Follow Input
- Rear-Panel GAIN and EQ Peaking Trimmers

#### Advantages:

- All Selector Switches Easily Accessible on Front-Panel
- Ideal Weight and Size for Portable Computer Case



# ACCESSORIES



EZ-RA6 shown with base plate slid out to mount products, drawers or filler plates

## EZ-RA6

**Rack Adapter** for 6 Increments of 1/6 Rack Width

- Mounts All EZ A/V Products
- Mounts EZ Storage Drawers
- Base Plate Slides Out for Easy Product Mounting
- Occupies One RU in Standard 19" Rack



Case dimensions: 17.375" (44.1 cm)W x 10" (25.4 cm)D x 2.7" (6.9 cm)H

## EZ-CC6

**Component Chassis** for 6 Increments of 1/6 Rack Width

- Mounts All EZ A/V Products
- Mounts EZ Storage Drawers
- Cover Lifts Off for Easy Product Mounting
- Integral Heavy-Duty Non-Skid Rubber Feet



EZ-MXA20 Mixer/Amplifier    EZ-PH1 Phono Preamp    EZ-SD2 Storage Drawer    EZ-FP1 Filler Panel

- EZ-CC6 Shown With Products Installed

## EZ-FP1

**Filler Panel** 1/6 Rack Width



- Mounts in EZ-RA6 and EZ-CC6
- Installs Quickly With Two Screws

Bezel dimensions: 7" (17.8 cm)W x 2.7" (6.9 cm)H; Recommended cutout: 6" (15.2 cm)W x 1.75" (4.4 cm)H



## EZ-SD1

**Storage Drawer** 1/6 Rack Width

- Use In Place of Filler Panel(s)
- Holds Adapters and Cables
- Mount in EZ-CC6 or EZ-RA6



## EZ-SD2

**Storage Drawer** 1/3 Rack Width

## EZ-SMB2

**Surface Mount Bezel** for 1/3 Rack Width Products

- Mounts EZ Product in Any Flat Surface
- Bezel Covers Mounting Cutout
- EZ Product Quickly Fastens to Bezel Using Only Two Screws



## EZ-SMB1

**Surface Mount Bezel** for 1/6 Rack Width Products

Bezel dimensions: 4.1" (10.4 cm)W x 2.7" (6.9 cm)H; Recommended cutout: 3.125" (7.9 cm)W x 1.75" (4.4 cm)H



## EZ-DC1

**Desktop Chassis** 1/6 Rack Width



Front View



Rear View

- Mounts 1/6 Width EZ Product to Desktop
- Installs Quickly With Two Screws
- Covers Cable Port in Desktop
- Provides Space for Excess Wire

## EZ-DC2

**Desktop Chassis** 1/3 Rack Width



- Mounts 1/3 Width EZ Product to Desktop
- Installs Quickly With Two Screws
- Covers Cable Port in Desktop
- Provides Space for Excess Wire



- EZ-DC2 Shown With Product Installed

## EZ-UCB2

**Under-Counter Brackets** 1/6 or 1/3 Rack Width



- Brackets Snap on EZ Case for Easy Alignment
- EZ Product Secures Quickly Using Two Screws
- Brackets Fasten to Underside of Counter or Shelf



**RDL**  
Radio Design Labs

RDL • 659 N. 6th Street • Prescott, AZ • USA 86301

- Sales: 800-281-2683 • 928-443-9391
- Tech Support: 800-933-1780 • 928-778-3554
- RDL Europe Sales & Support: (31) 20-6238-983

[www.rdl.net.com](http://www.rdl.net.com)