



## INSTALLATION AND OPERATION MANUAL

### EZ-MX4ML

Model numbers:  
EZ-MX4ML includes power supply with North American plug  
EZ-MX4MLX includes worldwide power supply (specify plug)

#### Microphone and Stereo Line Audio Mixer



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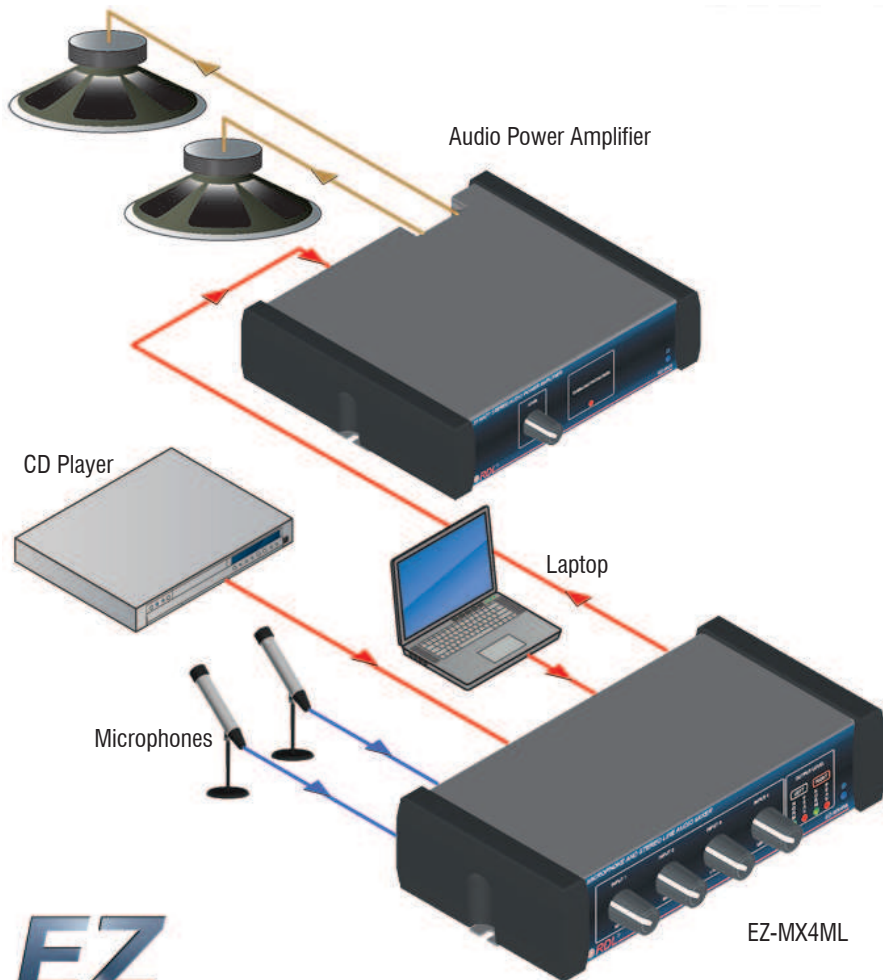
# EZ-MX4ML

## Microphone and Stereo Line Audio Mixer

- 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

The EZ-MX4ML is a stereo audio mixer with two mic and two line inputs. The mic inputs provide phantom voltage on XLR jacks. Both line inputs connect through RCA jacks; one also includes a MINI-jack input. Left and right channel LED VU metering facilitates easy level adjustment. The EZ-MX4ML is used in houses of worship, restaurants, clubs, meeting rooms, studios, broadcast and commercial sound systems.

## TYPICAL APPLICATION



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

**LINE INPUT LEVELS**

Adjust for the desired sound level from the sources connected to LINE IN 3 and 4.

**STEREO OUTPUT VU METERS**

LEFT and RIGHT LED VU meters monitor the unbalanced outputs for proper -10 dBV level. With audio present, the variable intensity green LED should be as bright as possible with the red LED flashing occasionally. (The red LED flashes when the output level exceeds -10 dBV.)

**MIC INPUT LEVELS**

Adjust for the desired microphone sound level from the sources connected to MIC INPUTS 1 and 2.

**POWER INDICATOR**

Glowes blue when the product is connected to a valid power source.



**24 V POWER INPUT**

Insert plug from power supply. Rotate 1/4 turn clockwise to lock.

**LINE INPUTS**

Connect a line-level source to LINE IN 3 and/or 4.

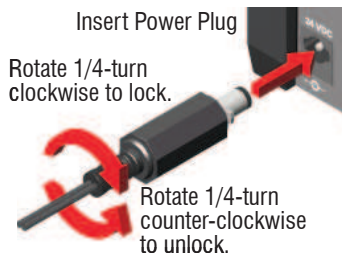
**MICROPHONE INPUTS**

Connect microphones to the XLR jacks. Each microphone may be either a dynamic or condenser type.

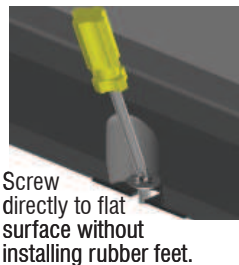
**LINE OUTPUT**

Connect to the line input of an amplifier, mixer, recorder, computer or other product with a line-level input.

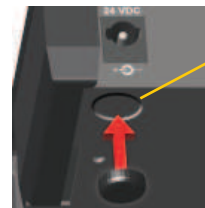
**POWER CONNECTION**



**FIXED MOUNTING**



**RUBBER FEET ATTACHMENT**



Recess  
Bottom View of chassis

Peel backing and stick the 4 rubber feet to chassis in recesses provided.

## SELECTED MOUNTING ACCESSORIES Complete accessory listing available at: [rdlez.com](http://rdlez.com)

### EZ-RA6

Rack Adapter for 6 Increments of 1/6 Rack Width



### EZ-CC6

Component Chassis for 6 Increments of 1/6 Rack Width



### EZ-SMB2

Surface Mount Bezel for 1/3 Rack Width Products



### EZ-DC2

Desktop Chassis 1/3 Rack Width



### EZ-UCB2

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



### EZ-SD2

Storage Drawer 1/3 Rack Width

Use In Place of Filler Panel  
Holds Adapters and Cables  
Mounts in EZ-CC6 and EZ-RA6



## TYPICAL PERFORMANCE

Mic inputs (2): 1.2 k $\Omega$  balanced on XLR jack, mic-level, -11 dBu max.  
Line inputs (3): > 10 k $\Omega$ , -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 ( $\pm 1$  dB, mic input, -6 dB at 20 Hz with integral high-pass filter), 10 Hz to 20 kHz ( $\pm 0.01$  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)  
Power supply input voltage: 100 to 240 VAC  
Warranty: 3 Years; contact RDL technical support department for assistance  
Case dimensions: 5.75" (14.6 cm)W x 3" (7.6 cm)D  
Mounting size: 1/3 rack width

CE

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