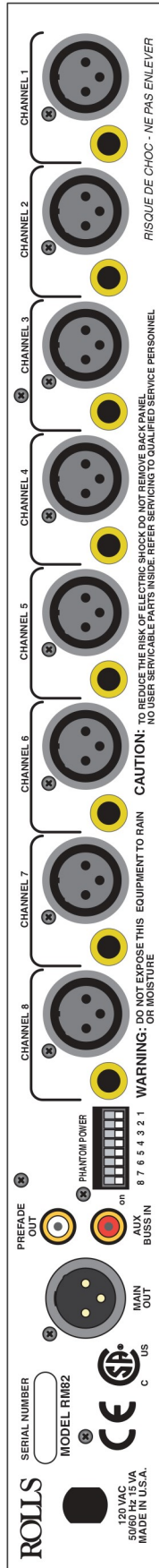
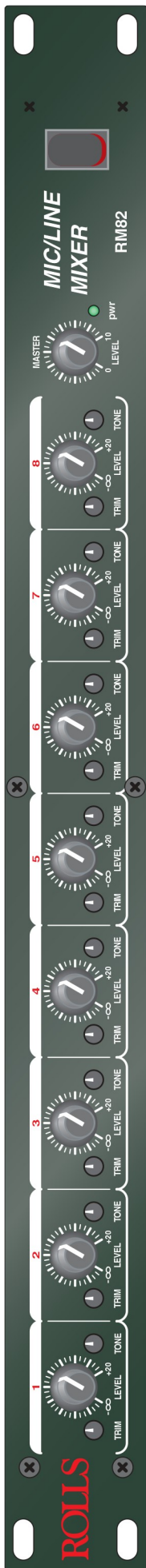


# RM82 Mic/Line Mixer



The RM82 is an eight channel mixer in a single rack space intended for a variety of sound reinforcement applications including board rooms, churches, mixing console expansion etc. Virtually any application where up to eight microphones need to be mixed together, and space is limited, is met by the RM82. Each of the eight channels has an XLR microphone input, as well as a 1/4" unbalanced input. The 1/4" jacks may be internally reconfigured to become channel Inserts or Direct Outputs. Inserts provide a way to get each individual channel signal in and out of the RM82 mainly for processing purposes. A Direct Output is simply taking the signal from the channel only. Each channel has individually switchable +48 VDC phantom power.

The RCA Prefade (pre Master Level) Output may be connected to the RCA Aux Buss Input for cascading two RM82 units together. This Output may also be used for recording purposes, and the Aux Buss Input .

The Main output for the RM82 is a balanced male XLR jack. This output may be internally jumpered for a Line or Mic level.

## FEATURES:

- Eight XLR microphone inputs
- Trim controls
- Tone controls (treble/bass cut)
- Individually switchable +48 VDC phantom power
- Eight 1/4" unbalanced inputs, each may be internally jumpered to become an Insert or a Direct Output
- RCA Prefader (pre Master Vol.) Output for recording, monitoring or cascading
- RCA Aux Buss Input for cascading, or as a ninth unbalanced input
- Mic or Line output level

## SPECIFICATIONS

Input Impedance: Mic:	10K $\Omega$ XLR balanced
	1/4": 20K $\Omega$ unbalanced
Bus Input:	10K $\Omega$ unbalanced
Max Input Level:	Mic: 0 dBV balanced
	Line: +6 dBV
Input Connectors:	8: XLR, 8: 1/4" (Line), 1: RCA (Bus input)
Outputs:	XLR bal., RCA unbalanced Prefade out
Max Gain:	Mic: 55 dB
	Line: 26 dB
Tone Control:	12 dB Treble/Bass cut
Phantom Power:	+48 VDC
Output Level:	+22 dBV max
Output Impedance:	51 $\Omega$
Phase Shift:	<10 degrees, 20Hz to 20 kHz
Max S/N ratio:	106 dB
THD:	<.009%
CMRR:	>80 dB (Mic)
Size:	19" x 1.75" x 6"
	(48.3 x 4.5 x 15 cm)
Weight:	7 lbs. (3 kg)

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