



# RM81 MixMax

The RM81 is an eight channel mixer in a single rack space intended for a variety of sound reinforcement applications. 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 jumpered to become channel direct outputs. If configured this way, the direct outputs' signal is derived from the post position of the channel's Volume control. Each channel has individually switchable +12 VDC phantom power. An RCA unbalanced Aux/Bus input has been provided for cascading other RM81s, and an RCA unbalanced Prefade output is used for connection to the other RM81 Aux/Bus input. The Main output for the RM81 is a 1/4" balanced TRS jack.

The RM81 MixMax is ideal for board rooms, church choirs, etc. Any application where many microphones need to be mixed together, and space is limited - the RM81 is the right choice.

## FEATURES:

- Eight XLR microphone inputs
- Individually switchable +12 VDC phantom power
- Eight 1/4" unbalanced inputs, may be internally jumpered to become direct outs - which are post fader, post Tone control.
- Treble or Bass cut Tone control for each channel
- Prefader (pre Master Vol.) output for recording, monitoring or cascading

## SPECIFICATIONS

Input Impedance:	Mic:	600 W XLR balanced
	1/4":	50K W unbalanced
	Bus Input:	10K W unbalanced
Max Input Level:	Mic:	-15 dBV balanced
	Line:	+22 dBV
Input Connectors:	8: XLR, 8: 1/4" (Line), 1: RCA (Bus input)	
Outputs:	1/4" bal. TRS Main, RCA unbalanced Prefade out	
Max Gain:	Mic:	55 dB
	Line:	26 dB
Tone Control:	20 dB Treble/Bass cut	
Phantom Power:	+12 VDC	
Output Level:	+17 dBV max	
Output Impedance:	51 W	
Phase Shift:	<10 degrees, 20Hz to 20 kHz	
Max S/N ratio:	106 dB	
THD:	<.003%	
CMRR:	>52 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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