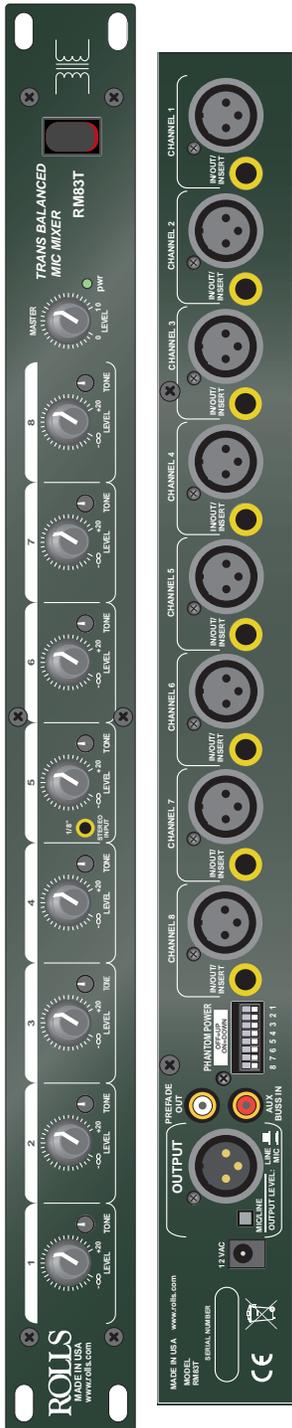




RM83T

ROLLS

Eight Channel Mic Mixer



ROLLS Transformer Balanced Microphone Mixer

MIC OR LINE OUTPUT LEVEL

INDIVIDUAL +48V PHANTOM

ROLLS
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The RM83t 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 RM83t. Each of the eight channels has a transformer balanced 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 RM83t, mainly for processing purposes. A Direct Output is simply taking the signal from that 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 RM83t units together. This Output may also be used for recording purposes. The Main output for the RM83t is a balanced male XLR jack. This output has a switch for Line or Mic level output.

SPECIFICATIONS

Input Impedance:	Mic:	600 Ω XLR balanced
	1/4":	10K Ω unbalanced
	Bus Input:	10K Ω unbalanced
Max Input Level:	Mic:	+4 dBV balanced
	Line:	+22 dBV
Input Connectors:		8: XLR, 8: 1/4" (Line), 1: RCA (Bus input)
Outputs:		XLR bal., RCA unbalanced Prefade
Max Gain:	Mic:	60 dB
	Line:	35 dB
Tone Control:		12 dB Treble/Bass cut
Phantom Power:		+48 VDC
Output Level:		+22 dBV max
Output Impedance:		51 Ω
Phase Shift:		<10 degrees, 20Hz-20 kHz
Max S/N ratio:		106 dB
THD:		<.01%
CMRR:		>120 dB (Mic)
Size:		19" x 1.75" x 6" (48.3 x 4.5 x 15 cm)
Weight:		6 lbs.

MADE IN USA



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