DIP SWITCH SETTINGS

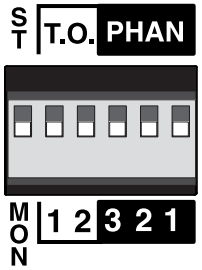
- If a microphone requires phantom power, move the Mic channel's corresponding PHAN DIP switch to the down position. This applies 12 volts dc phantom power to the indicated microphone.

- Talkover switch 1 (T.O. 1), when in the down position, all program material on all source inputs will be "ducked" or muted when a signal is present at Mic 1. NOTE: MIC ONE WILL NOT TALK OVER MIC2 OR MIC3. ONLY THE SOURCE INPUTS WILL BE TALKED OVER. This function is used for paging.

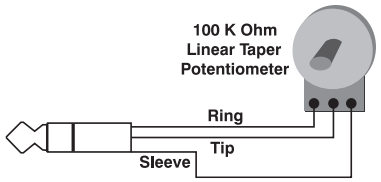
- Talkover switch 2 (T.O. 2), when in the down position, Source 1,2, and 3 will be "ducked" or muted by the signals at Source 4.
This function is for jukebox priority. With a jukebox connected to Source input 4, and the Talkover switch 2 on (down), the other Source input signals such as background music, will be muted and only the jukebox will be heard.

- The Mono/Stereo switch selects the output mode. When the switch is up, the unit is in stereo mode. When the switch is down, the stereo signals are mixed to mono and sent to both the Right and Left Main output jacks. Either jack can be used as a mono output.

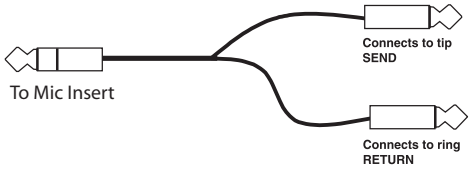
TO #1 - MIC
TO #2 - PRIOTIRY #4



Remote Volume Control
To control the overall volume of the RM67 in a remote location, wire a 100K ohm Linear Taper potentiometer to a 1/4" Tip-Ring-Sleeve plug as shown here.

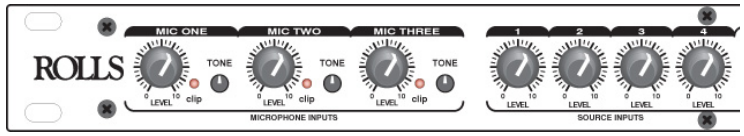


Mic Insert
To connect a signal processor to the RM67 microphone signal(s), use an insert plug, or cable wired as shown here.



ROLLS

RM67 Mic/Source Mixer

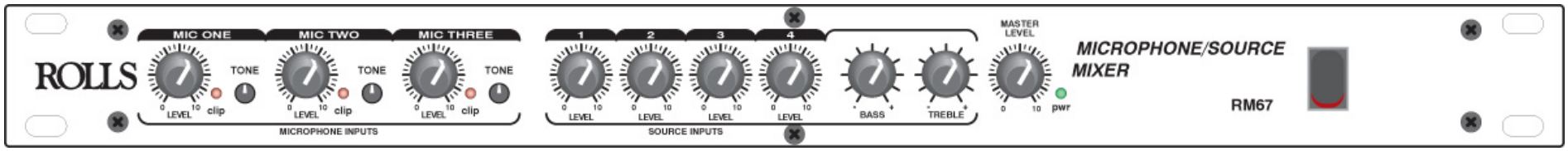


SPECIFICATIONS

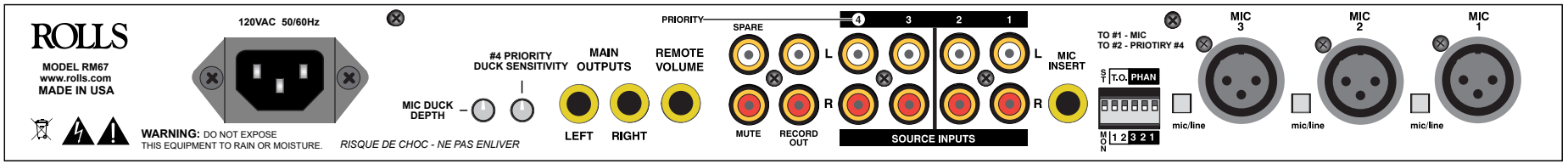
Input Impedance:	Mic:	600 Ohms XLR balanced
	Line:	22K Ohms
	Source:	22K Ohms gold plated RCA
	Mic Insert:	22K Ohms 1/4"TS unbal.
Max Input Level:	Mic:	-14 dBV Mic level
		+20 dB Line levl
	Source:	24 dBV
Connectors:	3: XLR, 6: Stereo RCA, 3: 1/4"TRS, 1: 1/4"TS, 1: 3.5mm	
Phantom Power:	+12 VDC	
Output Level:	+17 dBV max	
Output Impedance:	51 Ohms	
Max Gain:	Mic: 60 dB	
	Source: 26 dB	
Tone Controls:	+/-12 dB 100 Hz Bass	
	+/-12 dB 11kHz Treble	
Nose Floor:	- 80 dB, THD: <.025%, S/N Ratio: 96 dB	
Size:	19" x 1.75" x 6" (48.3 x 4.5 x 15 cm)	
Weight:	5 lbs. (2.3 kg)	

NOTE: THIS GUIDE ASSUMES THE USER HAS A WORKING KNOWLEDGE OF AUDIO ELECTRONICS, BALANCED AND UNBALANCED CONNECTIONS, AND PROPER SIGNAL LEVEL SETTING.

Quick Start Guide



Mic 1 - 3: Adjust the level of signal from the corresponding Mic Input.
clip 1 - 3: LED indicating overload in the channel. The LED lights 3dB below clipping.
TONE 1 - 3: Adjusts the frequency content of the signal in the channel. When the control is turned counter-clockwise, the high frequencies are cut, when the control is turned clockwise, the low frequencies are cut.
IN 1: 3.5mm Input jack - resistor mixed to Source Input 1.
Source 1 - 4: Adjust the volume of input from the RCA Source Inputs, and the 3.5mm in.
Bass: Adjusts the low frequencies of the Source signals only.
Treble: Adjusts the high frequencies of the Source signals only.
Master Level: Adjusts the overall volume of the RM67 Main Outputs.
pwr: LED indicating power is applied to the RM67 and the unit is on.



Mic 1 - 3: XLR inputs for dynamic or condenser microphones, or balanced line-level signals.
Mic/Line Switch: Pads the XLR Mic input by 30 dB when pressed in.
DIP SWITCH: Contains the small switches for engaging Mic 1 - 3 phantom power, the priority (Talk Over) functions, and the Mono/Stereo select.
MIC INSERT: 1/4"TRS insert jack for adding external processing to the Mic signals. Tip = send, ring = return.
SOURCE INPUTS: Stereo RCA jacks, Channels 1 - 4, for connection to stereo sources such as AM/FM tuners, cassette players, cd players, or video players.
RECORD OUT: Stereo RCA jacks, contains all mixed signals before the Remote Volume jack, and Master Level control.
SPARE: This RCA jack is not connected.
MUTE: RCA jack for connection to a tip-to-ground muting circuit. To mute all audio, connect the tip to ground.
REMOTE VOLUME: 1/4"TS jack for connection to a remote potentiometer for master volume control. 100K Ohm audio taper potentiometer is recommended.
MAIN OUTPUTS: 1/4"TRS balanced Right and Left Outputs.
MIC DUCK DEPTH: Adjusts the level of input signal required for ducking to occur. NOTE: The release time is effected by this setting, plus the level of input signal - the higher the input signal, the longer the release time.
PRIORITY #4 DUCK SENSITIVITY: Adjusts the level of input signal required for ducking to occur. NOTE: The release time is effected by this setting, plus the level of input signal - the higher the input signal, the longer the release time.
IEC POWER INPUT: Connect to the IEC power cable - and properly grounded ac outlet.