

SPECIFICATIONS

Input Impedance:	Mic: 600 Ohms XLR balanced Line: 22K Ohms RCA
Max Input Level:	Mic: -14 dBV Mic level Line: +24 dBV
Total input Connectors:	4: XLR, 4: Stereo 1/4", 1: 3.5mm
Phantom Power:	+48 VDC
RCA Output Level:	+17 dBV max (impedance 1K Ohm)
Max Gain:	Mic: 70 dB Source: 30 dB
Noise Floor:	-80 dB, THD: <.025%,
S/N Ratio:	96 dB
Voltage Gain:	32 dB
Nominal Supply Voltage:	15 VDC
Bandwidth:	20Hz - 25 kHz
Size:	19" x 1.75" x 4" (48.3 x 4.5 x 10 cm)
Weight:	7 lbs. (2.3 kg)
Power supply:	Rolls PS27s power supply 15 VDC 500 mA TIP NEGATIVE.

INSPECTION / WARRANTY

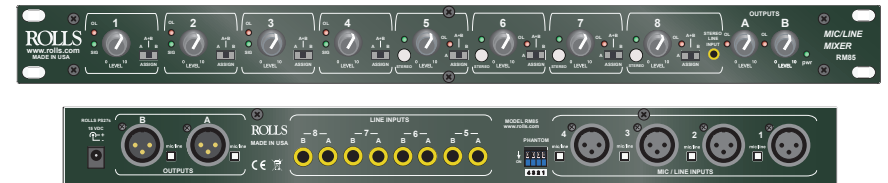
1. Unpack and inspect the RM85 box and package. If obvious physical damage is noticed, contact the carrier immediately to make a damage claim. We suggest saving the shipping carton and packing materials for safely transporting the unit in the future.
2. Please visit our web site at www.rolls.com and click on the Register Your Warranty Here button, or complete the Warranty Registration Card and return it to the factory.

ROLLS

RM85

2 ZONE

Mic/Line Mixer



FEATURES

- Four XLR balanced inputs with +48 V phantom power
- Four stereo Source inputs, including a front panel 3.5mm input
- Master Output Level control for each channel
- Low noise, efficient operation
- All in a single rack space

The RM85 is a 8 channel two zone mixer. Channels 1-4 will accommodate XLR microphone or XLR line level inputs. Channels 5-8 are 1/4" inputs. All 8 channels can be sent to the two XLR outputs in three configurations; A, B or both A+B. The separate A and B outputs are XLR and either can be selected to be Line or Microphone level output. Channel 8 also has a stereo 3.5mm (1/8") input on the front of the RM85.



ROLLS
Salt Lake City, Utah
1/18



Quick Start Guide

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

Channel 1-4

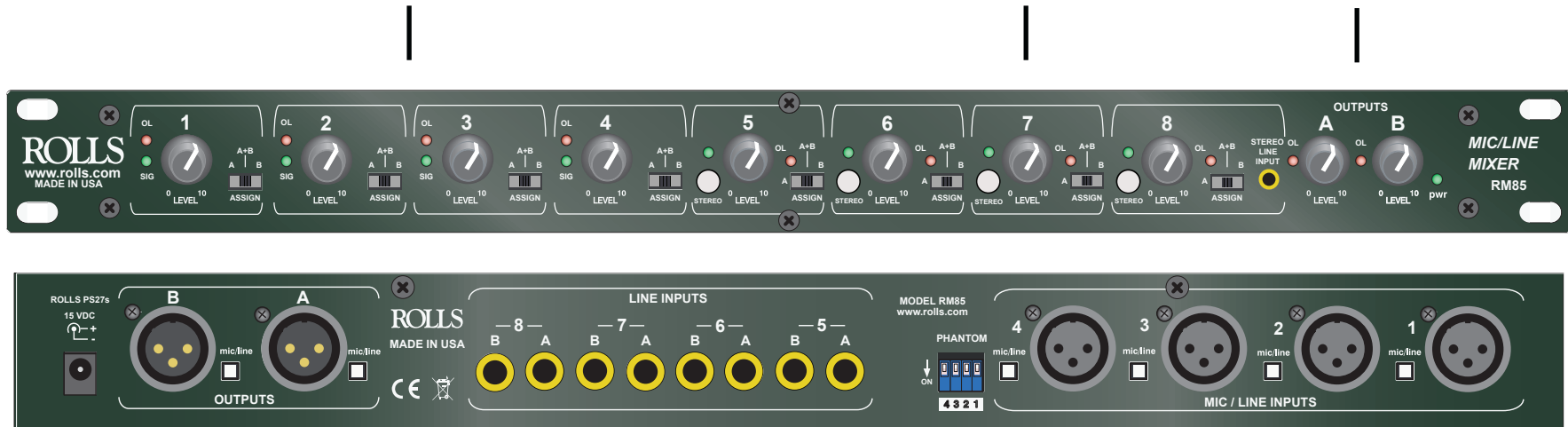
LEVEL adjusts the level of the channel. The ASSIGN selector switch will send the channel signal out to A, B or both A+B.

Channel 5-8

LEVEL adjusts the level of the channel. The AS-SIGN selector switch will send the channel signal out to A, B or both A+B. The STEREO switch is for selecting the desired input configuration as described below. If the stereo switch is "in" the A and B inputs and outputs are independent of each other. If the stereo switch is "out" the A and B inputs are summed to mono.

Output LEVEL

Independently adjusts the output sent to A or B outputs.



XLR A and B outputs

Balanced XLR output selectable to be line or mic level by the corresponding switch to each channel.

Channel 1-5 inputs

1/4" mono (tip, sleeve) for the A and B inputs. If you have only a single mono input plug it into either the A or B jack and set the "STEREO" button so that it is in the outward position on the front panel. This will sum the signal to mono, and send it to both A, B or both A+B as selected on the front panel ASSIGN switch.

DIP SWITCH SETTINGS

- PHANTOM POWER: If a microphone requires phantom power, move the Mic channel's corresponding PHANTOM POWER DIP switch to the down position. This applies +48 volts phantom power to the indicated microphone.

Channel 1-4 inputs

XLR balanced inputs. Mic or Line level can be selected for each input separately by the corresponding switch to the XLR jack.

DC power jack

For connection to the supplied Rolls PS27s power supply 15 VDC 500 mA TIP NEGATIVE.