

## INTRODUCTION

Thank you for your purchase of the MX401. This unit is designed and manufactured to mix up to four microphones together and send their combined signals out to stereo balanced XLR outputs, or a front panel 1/8" stereo output. The individually switchable phantom power provides the final touch which makes the MX401 a valuable tool for any video, camera mixing, sound reinforcement, recording or install application.

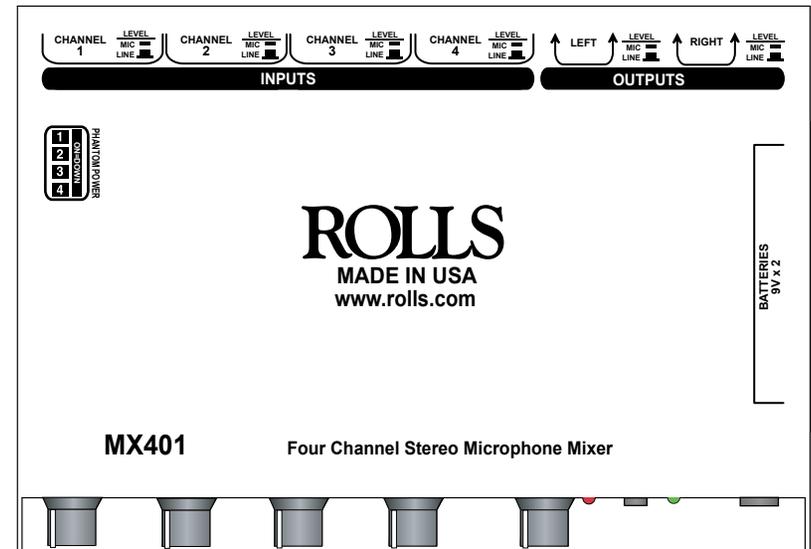
What's in the box?

- 1 - Made in USA MX401
- 1 - 15V power supply PN PS27s
- 1 - This owners manual

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## MX401

### Four Channel Stereo Mic Mixer



#### SPECIFICATIONS

Input Impedance:	600 Ohms MIC - 10k Ohms LINE
Output Impedance:	600 Ohms MIC - 10k Ohms LINE
THD + Noise:	.02%
S/N Ratio:	96 dB
Self Noise:	-65 dB maximum, -90 dB typical
Frequency Response:	20 Hz - 20kHz (+0 / -3 dB)
Max Output Level:	+ 14 dB
Max Input Level:	-14 dB
Max Gain:	+55 dB
Current Draw:	30 mA with no Phantom Power or Signal.
Phantom Power:	+15 VDC
Power:	12-15VDC / < 300-500 mA
Connectors:	4 Female XLR, 2 Male XLR, 1: 1/8" (3.5mm) DC Power Jack (5.5 X 2.1 mm tip negative)
Size:	8.5" w x 5.75" d x 1.5" h
Weight:	2.05 lbs.

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ROLLS CORPORATION  
SALT LAKE CITY, UTAH  
6/22

Quick Start Guide

Mic-Line switches: To vary the level of each output. These controls do not effect the front Stereo Output.

Mic Inputs: 1 - 4: XLR balanced inputs for connection to any standard dynamic or condenser microphone.

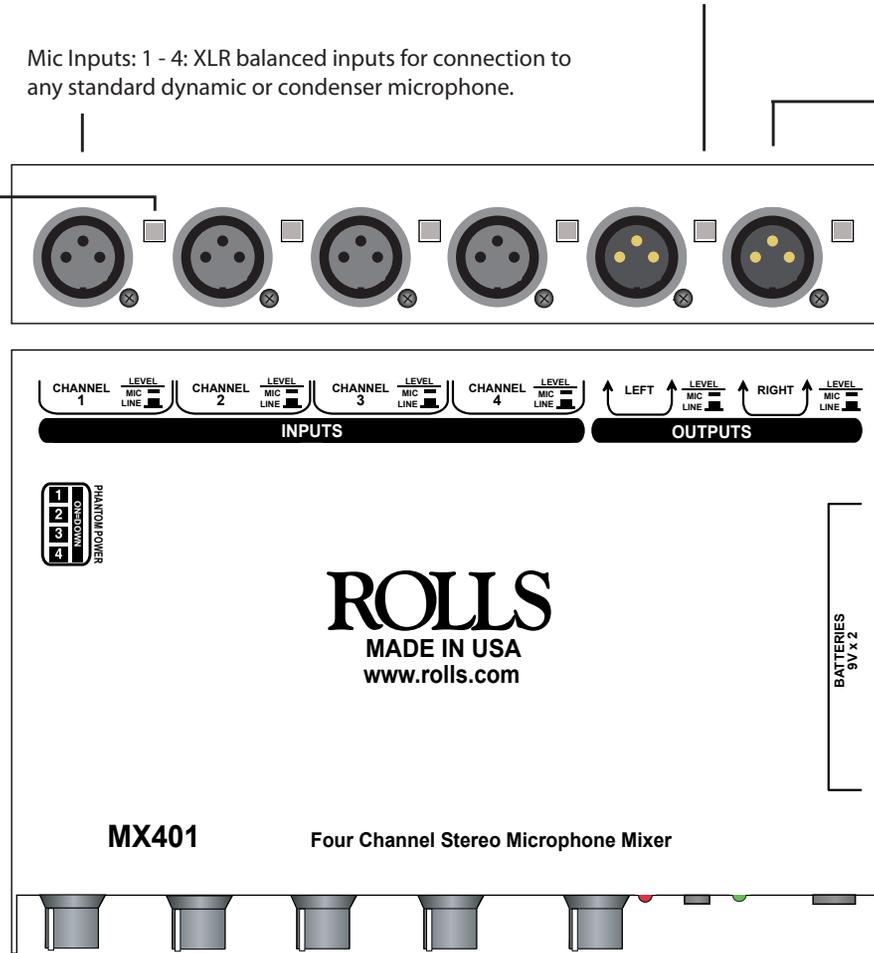
Right and Left Outputs: Balanced XLR output jacks for connection to the next device in the signal chain such as a signal processor or amplifier.

Mic-Line switches: To vary the level of each input from Mic or Line level.

**SETTING THE PHANTOM POWER SWITCHES:**

When the phantom power switch is DOWN the phantom power is ON, and when it is UP the phantom power is OFF.

Battery compartment which houses two 9-Volt (alkaline recommended) batteries.



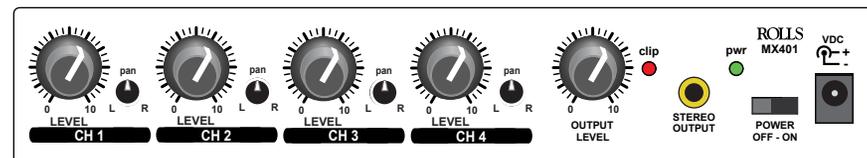
Mic Level 1 - 4: These controls adjust the level of the corresponding Mic channel. The level varies from -infinity (off) to max gain.

12-15 VDC power jack for connection to the Rolls PS27s; 15 VDC (outside of the ring is positive) external power supply.

PAN 1 - 4: Adjusts the relative right/left level of each channel.

Stereo Output: 1/8" (3.5mm) TRS stereo jack which may be connected to a pair of headphones for personal monitoring or to a stereo unbalanced input of a signal processor, amplifier, or camera.

Clip LED: Indicates that clipping is about to occur or occurring in the MX401 circuitry. This LED begins to light 3dB below actual circuit clipping.



Power Switch