

The MP13 is designed to provide simple, inexpensive microphone pre amplification for a variety of applications. The unit has both XLR and 1/8" inputs, XLR and 1/4" outputs, a single Gain control with a Clip LED indicator. Phantom power is included for use with a 1/4" output is a condenser microphone. The 1/4" output is specially designed for use as either a mono unbalanced output, or a stereo headphone output.

The MP13 uses a servo balanced instrumentation amplifier for studio grade performance in a small package. This equates to a 40db better common mode rejection ratio (CMRR) than transistor inputs used by most compacties on mic inputs. It also means much lower distortion.

- FEATURES**
- XLR and 1/8" Mic Inputs
 - XLR and 1/4" Outputs
 - Gain Control
 - Clip LED indicator
 - 1/4" Output Drives Stereo Headphones
 - +24 Volt Phantom Power - available for 1/8" microphones

ROLLS

MP13 Mini Mic Preamp

What's in the box?

- 1 - Made in USA MP13
- 1 - 15V power supply PN PS27s
- 1 - This owners manual

SPECIFICATIONS

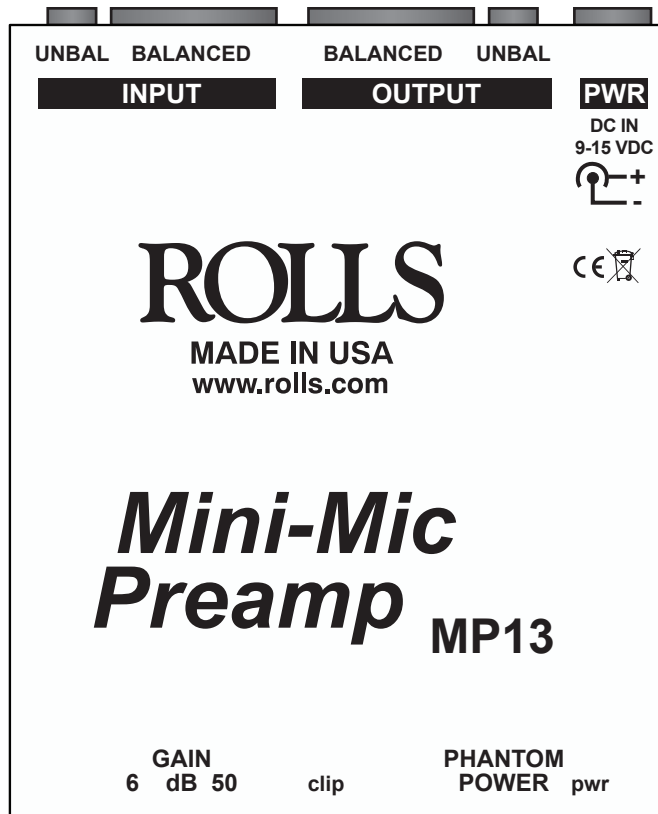
Connectors:	Inputs: XLR, 1/8" (3.5mm) TRS balanced Mic In
	Outputs: XLR balanced, 1/4" unbal. Aux/Headphone
Input Impedance:	10K Ohms bal, unbal.
Max Input Level:	+4 dBV XLR bal, +10 dBV unbal.
Max Gain:	60 dB/XLR, 54 dB 1/4"
Phase Shift:	<10 deg. 20 Hz - 20 kHz
EIN:	-108 dB max.
THD:	<.01%
IMD (SMPTE)	<.01%
CMRR:	> 80dB
Phantom Power:	+24 Volts, 6 mA
Power:	9-15 VDC adapter
Weight:	1 lbs (.45Kg)
Size:	3.4" x 4.2" x 1.4"

- Home
- Studio
- Broadcast
- ... anywhere you need a clean preamplifier for your favorite dynamic or condenser microphone

INPUT: 1/8" (3.5mm) and female XLR jack for signal input.

OUTPUT: 1/4" and male XLR jack for signal output. May be connected to stereo headphones for personal monitoring.

DC jack for connection to the included Rolls PS27s power supply



PWR: LED for indicating power is applied to the MP13.

GAIN: Controls the amount of signal increase to the MP13.

CLIP: LED for indicating circuit clipping. Indicates distortion is possible.

PHANTOM POWER: When pressed in, applies +24 volts of phantom power to the XLR input.