

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 indica- tor. Phantom power is included for use with condenser microphones. 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 instrument- tation 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 compa- nies on mic inputs. It also means much lower distortion.

FEATURES
- XLR and 1/4" Gain Control
- Clip LED Indicators
- +24 Volt Output
- Microphone Input

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
	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" x1.4"

- Home
 - Studio
 - Broadcast

... anywhere you need a clean preamplifier for your favorite dynamic or condenser microphone

Rolls Corporation
Salt Lake City, UT
9/18

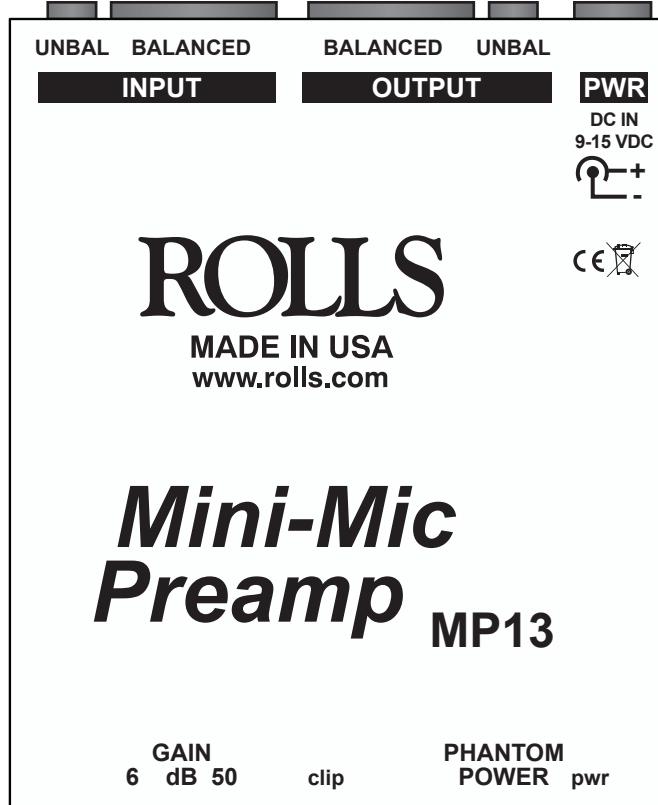
ROLLS

Connection guide

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

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

DC jack for connec-
tion to the included
Rolls PS27s power
supply



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

CLIP: LED for
indicating circuit
clipping. Indicates
distortion is pos-
sible.

PWR: LED
for indicat-
ing power is
applied to the
MP13.

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