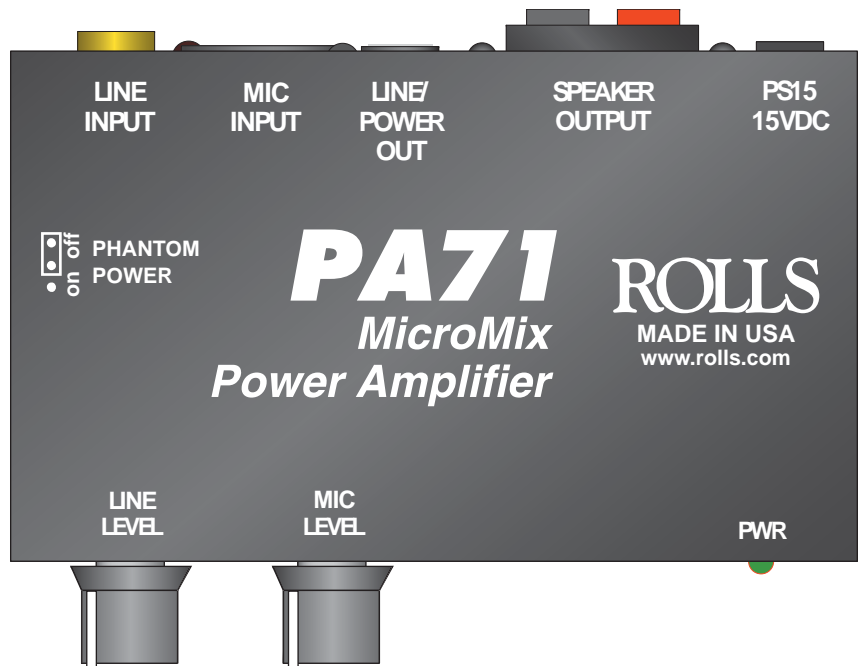


# ROLLS

## PA71 MicroMix Power Amplifier



### Quick Start Guide

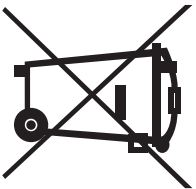
PA71

#### Micromix Power Amplifier

- RCA Inputs
- XLR Mic Input
- Spring-loaded, and 1/4" output
- Low noise, efficient operation

The PA71 mixes an unbalanced line level signal with a mic signal to a powered 1/4" or speaker terminal outputs. The unit is perfect for small speakers in small environments.

CE



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**ROLLS**

Salt Lake City, Utah

4/15

## INTRODUCTION

Thank you for your purchase of the PA71 MicroMix Power Amplifier. This unit mixes a stereo RCA signal with a microphone to a 1/4" line level output and a powered spring loaded speaker output. The unit for powering small speakers in small environments.

## DESCRIPTION

### REAR PANEL

LINE INPUT: RCA line level inputs (mixed to mono)

MIC INPUT: Balanced XLR input for connection to a dynamic or condenser microphone.

LINE/POWER OUT: 1/4" TS output.

SPEAKER OUTPUT: Spring-loaded output terminals - the red terminal is positive and the black one is negative.

PS15/15VDC: For connection to the included power supply.

### SIDE PANEL

PHANTOM POWER: Jumper pin for connecting 15 volts of phantom power to the Mic Input.

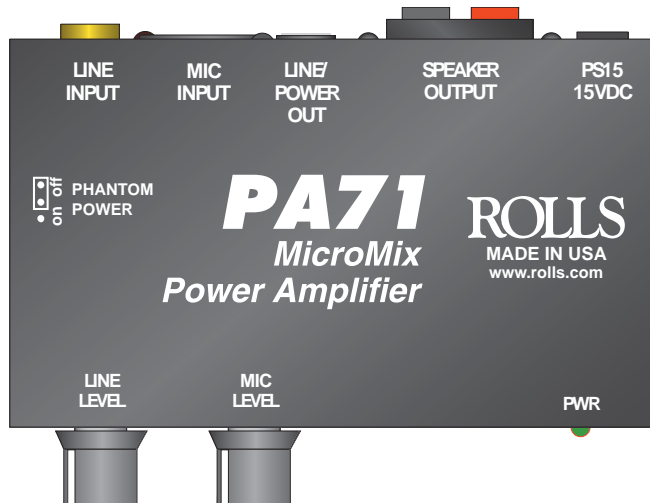
### FRONT PANEL

LINE LEVEL: Adjusts the level of signal from the Line Input to the Line/Power and Speaker outputs.

MIC LEVEL: Adjusts the level of signal from the Line Input to the Line/Power and Speaker outputs.

## CONNECTION / OPERATION

Connect input sources such as CD players or cassette players to the



RCA inputs, connect a microphone to the balanced XLR Mic Input. If the microphone is a condenser type, move the Phantom Power jumper to connect the indicated pins.

## SPECIFICATIONS

Line Input Impedance:	47K Ohms
Mic Input Impedance:	600 Ohms
Phantom Power Voltage:	15 V
Power Output:	5 Watts (8 Ohms)
Voltage Gain:	40 dB
Maximum Supply Voltage:	15 VDC
THD:	.05% typical
EIN:	3 mV
Efficiency:	65%
Input Sensitivity:	28 mV
Bandwidth:	20Hz - 25 kHz
Size:	4.25" x 2.375" x 1.5"
Weight:	1 lb.

## SCHEMATIC

