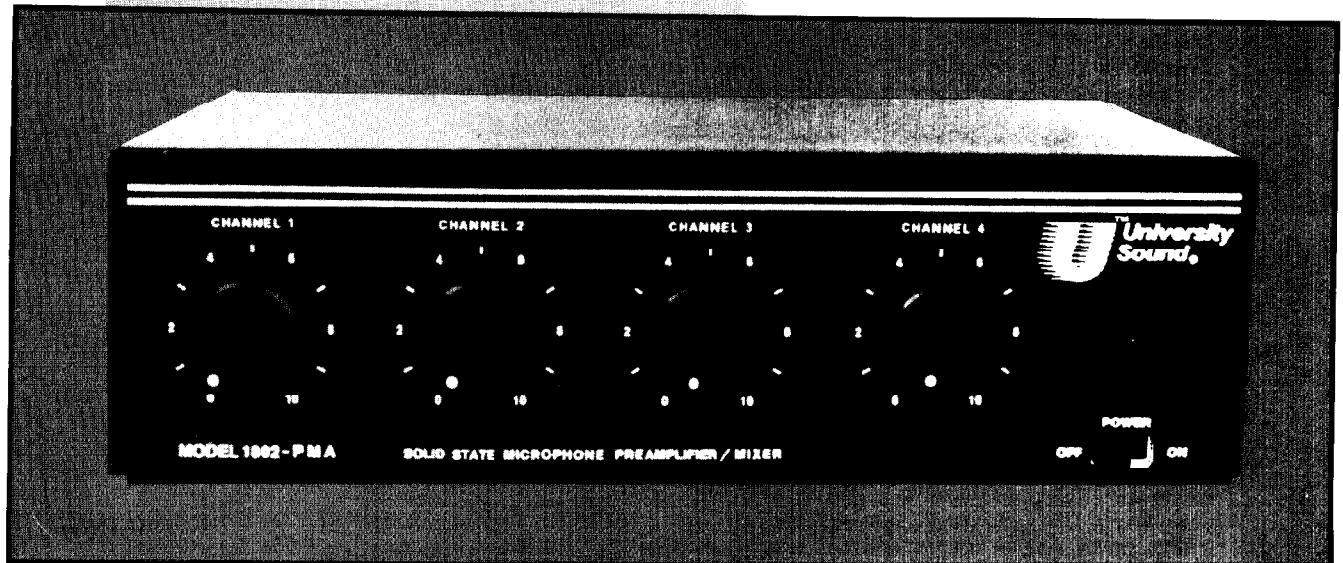




1802-PMA

Microphone Preamplifier-Mixer



Product Data

- **Line level and microphone level outputs**
- **4 Hi-Z/Lo-z microphone inputs, each with its own level control**
- **Inputs 3 and 4 can also be used as Aux inputs**
- **Up to 3 units may be paralleled to accommodate up to 12 input sources**
- **UL listed**

Specifications:

Frequency Response: 25 Hz – 17.5 kHz,
± 2 dB

Inputs: Two Lo-Z/Hi-Z mic
Two Lo-Z/Hi-Z mic/Aux

Outputs: 10mV/150Ω mic
4V/47kΩ auxiliary

Dimensions: 9.5" W x 3.125" H x 7" D
(24.1 cm x 7.9 cm
x 17.8 cm)

Shipping Weight: 7 lbs. (3.2 kg)

Description

The University Sound Model 1802-PMA is a monaural solid-state low noise microphone pre-amplifier-mixer. The unit contains a circuit designed to eliminate the interaction between volume controls. The 1802-PMA provides a choice of three input combinations as follows; 1) 4 microphones; 2) 3 microphones and 1 auxiliary; 3) 2 microphones and 2 auxiliaries. Each microphone input has a rear panel selector switch directly above each 1/4" phone input jack to match either high or low impedance microphones. Two of the four channels will accept high level signals such as a tuner or CD player

on separate RCA phone jacks. Two outputs are provided; 1) a high level output to match the auxiliary input of an amplifier, and 2) a low level output to match the microphone input of an amplifier. Two or three 1802-PMA outputs may be paralleled into an external amplifier input for a maximum of 12 inputs. An isolated signal ground permits rack mounting of the unit without forming "ground loops."

The unit is enclosed in a sturdy steel cabinet finished in black, and operates from a standard 120V AC, 50/60 Hz power source

Architect's and Engineer's Specifications

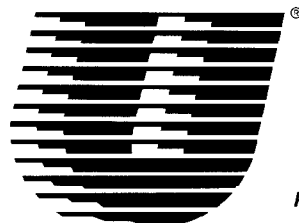
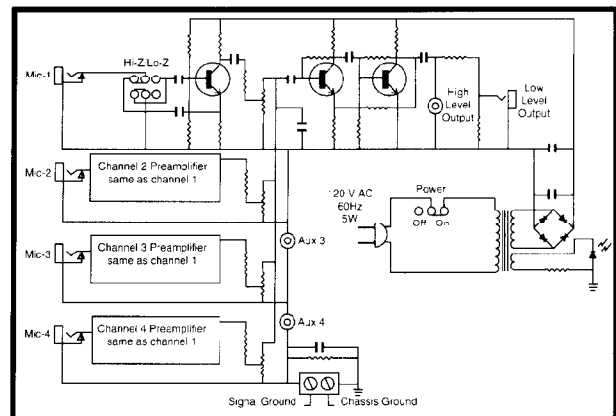
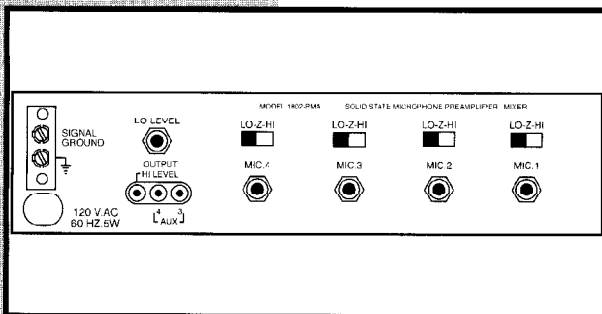
The microphone preamplifier/mixer shall have four Hi-Z/Lo-Z microphone inputs and two outputs. The microphone inputs shall have independent level controls and provide a circuit designed to eliminate the interaction between volume controls. The unit shall provide a rear panel selector switch to match either high or low impedance microphones. Separate RCA phono jacks shall be provided on two of the four channels and will accept high-level signals such as CD players. The two outputs shall consist of a high-

level output to match the auxiliary input of an amplifier, and a low-level output to match the microphone input of an amplifier.

The unit shall measure 9.5" x 3.125" x 7.0" (24.1 cm x 79.4 cm x 17.8 cm), weigh 7 lbs. (3.2 kg) and shall operate from a 120V AC, 50/60 Hz line.

The microphone preamplifier/mixer shall be the University Sound Model 1802-PMA.

Rear Panel View/Block Diagram



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