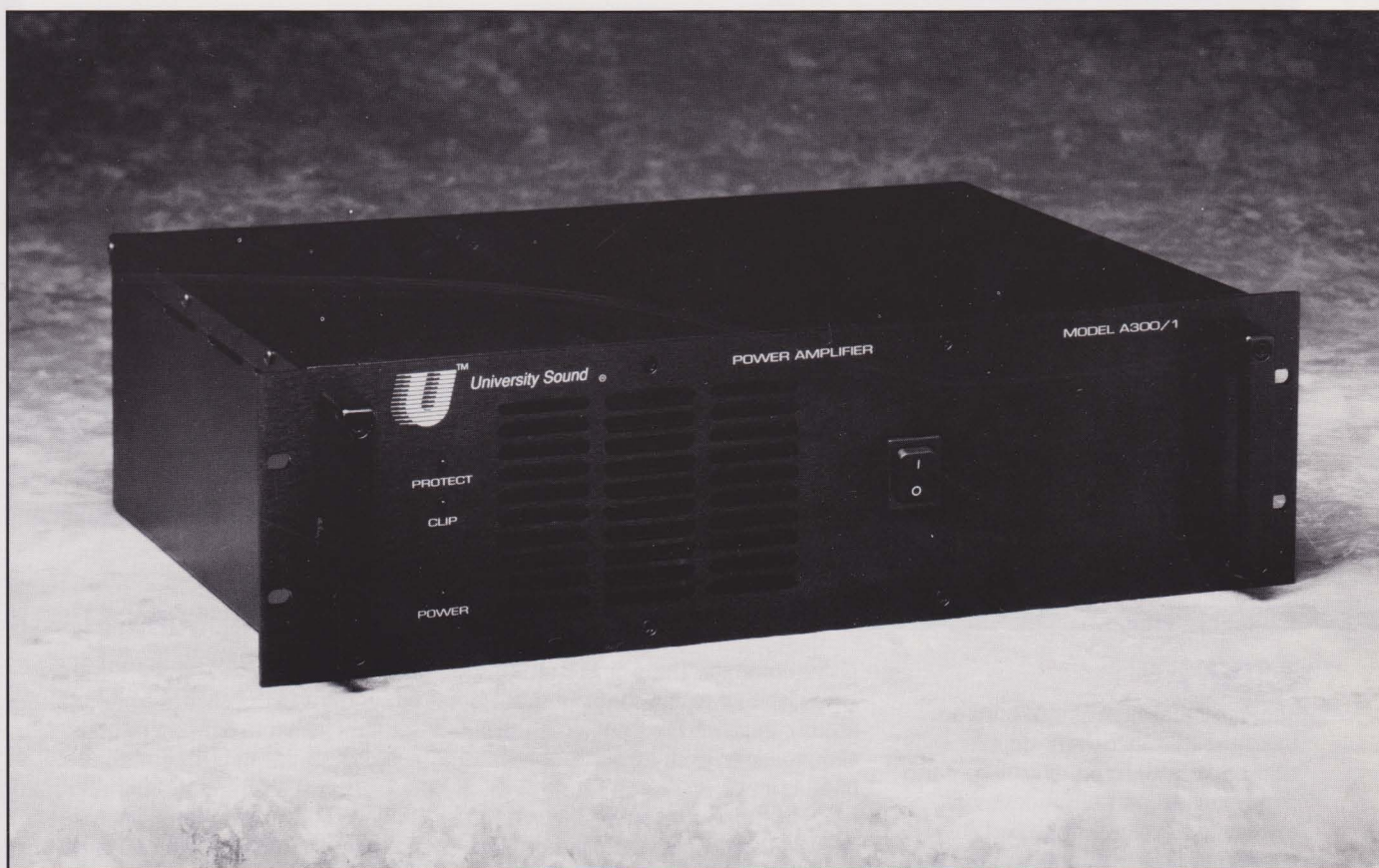


A300/1 300 Watt Single-Channel Power Amplifier



■ A300/1

In a continuing effort to provide sound contractors with a wide variety of quality electronics, University Sound introduces the A300/1 single channel power amplifier. Capable of providing 300 watts of continuous average output power, the University A300/1 offers a full-featured cost-effective choice for single channel power amplifier requirements.

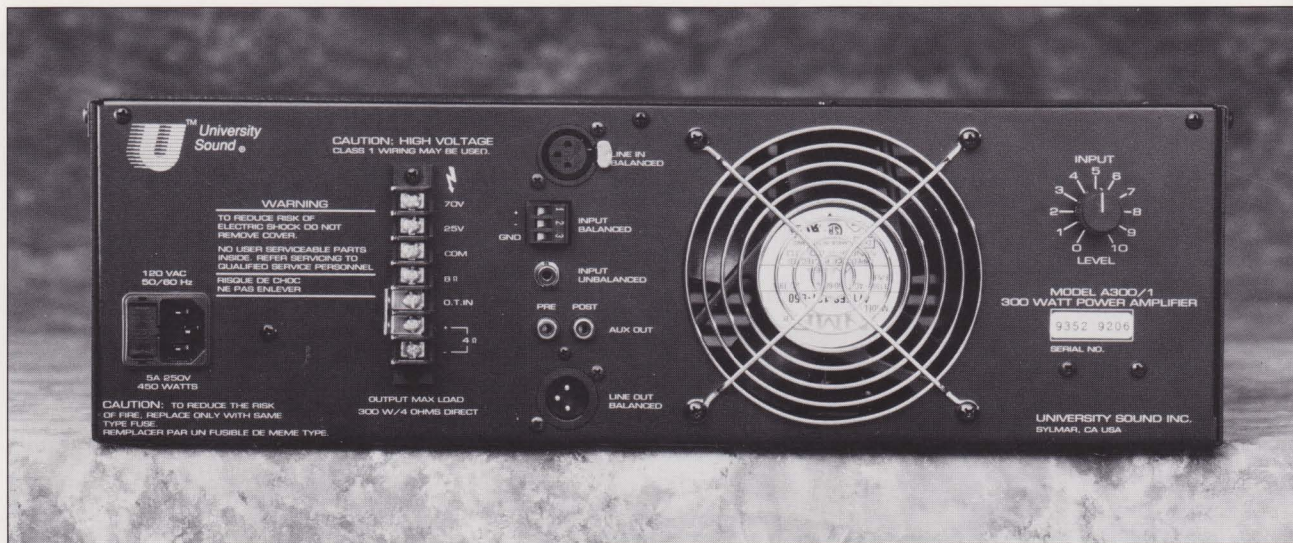
The A300/1 boasts many features not typically available from an amplifier at this price point.

The unit includes a choice of four input connector types: a three screw terminal removable plug, female XLR, male XLR and phono connector. The male XLR is also usable as a convenient patch output point for routing the input signal to another amplifier. The amplifier additionally features a 15 k Ω electronically balanced bridging input.

A power output isolation transformer provides for balanced outputs of 25 volts and 70.7 volts. Two auxiliary unbalanced outputs are also provided.

The amplifier is fully protected from short circuited loads, overheating and excessive load reactance. The speakers are also protected from turn on/off transients, subsonic signals and DC offsets. As soon as a problem is detected, the amplifier automatically shuts down and illuminates the front panel PROTECT indicator. In addition, a front panel clipping indicator warns of excessive output levels. The master level control is rear mounted for extra protection against "accidental" changes made by non-qualified personnel.

A300/1 300 Watt Single-Channel Power Amplifier



Architects and Engineers Specifications

A300/1

The amplifier shall be a multi-purpose monaural solid state power amplifier and shall be designed for continuous operation background music, public address, paging, and sound reinforcement applications. The amplifier shall be rated at 300 watts continuous power and shall provide four input connector types: a three screw terminal removable plug, female XLR, male XLR and

phono connector. The male XLR shall also be available for routing the input signal to another amplifier. The input section shall also provide an electronically balanced bridging input.

The amplifier output shall provide an isolation transformer to accommodate outputs of 25 and 70.7 Volts. Two auxiliary outputs shall also be provided. The amplifier shall be fully protected from short circuit

loads, overheating and excessive load reactance. The amplifier shall also protect loudspeakers from turn on/ turn off transients, subsonic signals and DC offsets.

The unit shall operate from a standard 120V AC 60Hz power source, but also accommodate 220 and 240 VAC by switching universal transformer settings. The University Sound Model A300/1 has been specified.

Product Specifications

A300/1

Power Output: 300 Watts continuous

Frequency Response: 20 Hz - 20 kHz, ± 0.1 dB

Signal-to-Noise Ratio: >100 dB

Distortion: <0.1% THD

Input Sensitivity/Impedance

Balanced Line In: 0 dBu / 15 k Ω

Unbalanced Line In: 0 dBu / 47 k Ω

Power Requirements: 120/220/240 VAC, 50/60 Hz

Dimensions:

Height: 5.25" (13.3 cm)

Length: 19.0" (48.2cm)

Width: 13.0" (33.0 cm)

Net Weight: 42 lbs. (19 kg)

Shipping Weight: 51 lbs. (23 kg)

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