

PEAVEY
ARCHITECTURAL ACOUSTICS®



711 A STREET
POST OFFICE BOX 2898
MERIDIAN, MISSISSIPPI 39302-2898
TELEPHONE: (601) 483-5376
TELEX: 504115
FAX: (601) 484-4278

IPA™/300

INDUSTRIAL POWER AMPLIFIER

SPECIFICATIONS

SPECIFICATIONS

Rated Power and Load:

Direct Output: 300W RMS @
4 ohms

Transformer Output:
300W RMS @
16 ohms (70V)/2 ohms (25V)

Distortion:

.1% THD @ rated power

Frequency Response:

Direct Output: +1/-2 dB
20 Hz to 20 kHz

Hum and Noise:

Greater than 95 dB below
rated power

Input Sensitivity:

1.0V RMS

Subsonic Filter:

Provides an 18 dB per
octave roll-off of low
frequencies with the -3 dB
point @ 42 Hz

FEATURES

Power Output:

300W RMS into 4 ohms

Controls and Indicators:

Level control
Subsonic filter switch
SPS switch
Power on LED
Power switch

Outputs:

4 ohm screw terminal output
8 ohm screw terminal output
16 ohm/70V screw terminal
output
2 ohm/25V screw terminal
output
1V/600 ohm balanced output
AC convenience outlet

Package:

Painted shelf or rack-mount
metal chassis

DESCRIPTION

The IPA™/300 is a high performance power amplifier designed to meet the needs of the most demanding fixed installation/PA application. The convenient patch panel layout, coupled with state-of-the-art circuit design, assures reliable long term operation and smooth trouble-free installation.

Twenty-five and seventy volt line output capability is standard equipment. The IPA/300 has been packaged for standard 19" "rack-mount" capability and occupies 5¼ inches of vertical rack space.

ARCHITECTURAL AND ENGINEERING SPECIFICATIONS

The power amplifier shall have one input that has provisions for both balanced and unbalanced signals. Connections for the balanced input shall be provided via a TRS ¼" jack, XLR "cannon" jack, and barrier strip connections. Connections for the unbalanced input shall be provided by the TRS ¼" jack, barrier strip connections and an RCA phono jack. Provision for an external master volume control shall be made via barrier strip connections on the back panel. The unit shall be packaged in a rugged metal chassis 19" wide by 5¼" high by 13⅞" deep (including external handles). Weight is 37 Lbs. The unit shall operate from standard 120 volts AC, 60 Hz power. The power amplifier shall be capable of delivering 300 watts into 4 ohms, 8 ohms, and 16 ohms, as well as providing 25 volt and 70 volt line outputs. The unit shall be capable of delivering rated power from 20 Hz to 20 kHz +1/-2 dB into 4 ohms at its direct output at .1% or less distortion with system hum and noise at least 95 dB below rated output. The unit shall be called the Peavey Architectural Acoustics Division model IPA/300.

LIMITED WARRANTY

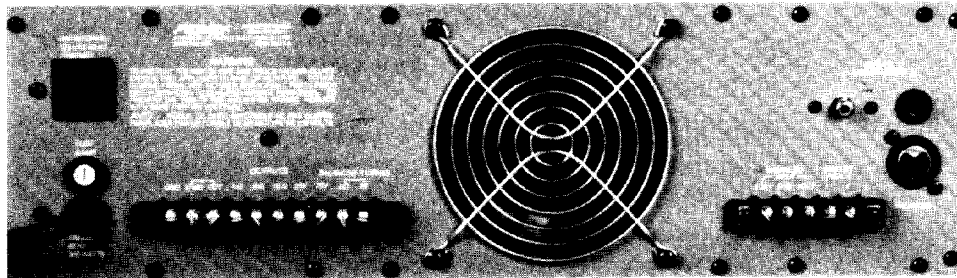
Peavey Electronics Corporation warrants to the original purchaser of this new Architectural Acoustics product that it is free from defects in material and workmanship. If within one (1) year from date of purchase a properly installed product proves to be defective and Peavey is notified, Peavey will repair or replace it at no charge. (Note: Batteries and patch cords not covered.) "Original purchaser" means the customer for whom the product is originally installed.

Damage resulting from improper installation, interconnection of a unit or system of another manufacturer, accident or unreasonable use, neglect or any other cause not arising from defects in material and workmanship is not covered by this warranty. The warranty is valid only as to products purchased and installed in the United States.

THIS LIMITED WARRANTY IS IN LIEU OF ANY AND ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR USE. UNDER NO CIRCUMSTANCES WILL PEAVEY BE LIABLE FOR ANY LOST PROFITS,

LOST SAVINGS, INCIDENTAL DAMAGES OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PRODUCT, EVEN IF PEAVEY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGE. THIS LIMITED WARRANTY IS THE ONLY EXPRESS WARRANTY ON THIS PRODUCT, AND NO OTHER STATEMENT, REPRESENTATION, WARRANTY OR AGREEMENT BY ANY PERSON SHALL BE VALID OR BINDING UPON PEAVEY.

Peavey's liability to the original purchaser for damages for any cause whatsoever and regardless of the form of action, is limited to the actual damages up to the greater of Five Hundred Dollars (\$500) or an amount equal to the purchase price of the product that caused the damage or that is the subject of or is directly related to the cause of action. This limitation of liability will not apply to claims for personal injury or damage to real property or tangible personal property allegedly caused by Peavey's negligence. For information on service under this warranty, call a Peavey customer service representative at (601) 483-5376.



PEAVEY®
ARCHITECTURAL ACOUSTICS®



Features and specifications subject to change without notice.

A DIVISION OF PEAVEY ELECTRONICS CORPORATION / 711 A Street / Meridian, MS 39302-2898 / U.S.A. / (601) 483-5365 Telex: 504115 / Fax: 484-4278

©1989 Printed in the U.S.A.

#80301063 4/89