

UA/12

Utility Amplifier

SPECIFICATIONS

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Output Power:
12 watts RMS

Power Bandwidth:
50-20 kHz, 2% THD
60-20 kHz, 1% THD

Frequency Response:
50-20 kHz \pm 1 dB

THD:
1.0% @ 1 kHz, 12 watts RMS
0.1% @ 1 kHz, 10 watts RMS

S/N Ratio: (20 kHz BW)
All controls down/flat: 80 dB

Tone Controls:
Bass \pm 10 dB @ 100 Hz
Treble \pm 10 dB @ 10 kHz

Inputs:
AUX Input: Dual RCA phono jacks, summed
Mic/Page Input: Screw terminal input switchable between mic/page

Input Sensitivity:
AUX Input: 100 mV @ 100K ohms
Mic Input: 0.8 mV @ 10K ohms
Page Input: 120 mV @ 3K ohms

Outputs:
4 ohms, 8 ohms, 25V, 70V

Output Regulation:
Less than 0.5 dB, no load to full load

Controls:
1 AUX input gain control, 1 mic/page gain control, 1 bass control, 1 treble control, 1 mic/page select switch, 1 power switch

Indicators:
Power LED

Protection:
Built in, with AC line fuse

Power Consumption:
120 volts AC, 60 Hz, 30 watts

Dimensions:
6.416" H x 10.137" W x 2.775" D

Weight:
6 lbs.

Color:
Gray

Other Features:
Mic/Page input has precedence over the AUX input (defeatable)

FEATURES

- 12 watts into 4 ohms
- Mic/page inputs (screw terminals)
- Mic/page select switch
- Dedicated program input (screw terminals and RCA jacks)
- Bass and treble controls
- Mic/page level control
- AUX level control

- Outputs for 4 and 8 ohms; 25 volt and 70 volt (screw terminals)
- Painted shelf-top or wall-mountable chassis

DESCRIPTION

The UA™/12 is a high quality utility amplifier ideally suited for varying installation requirements. It produces 12 watts into 4 and 8 ohm direct connections plus a broad range of line amplification. Level controls are provided for mic/page and AUX. The mic/page input is accessible via screw terminals and AUX In may be accessed via screw terminals or RCA jacks. Bass and treble controls are functional on the total system (mic/page/AUX). When a signal is present at the mic/page input the AUX input is muted. This feature is internally defeatable when required.

Twenty-five and seventy volt line output capability is standard equipment, and the unit is packaged for shelf or wall mounting convenience. The user-friendly control layout, coupled with state of the art circuit design, assures reliable long-term operation and smooth trouble-free installation.

WALL OR SHELF MOUNTING

The UA/12 can be mounted on a vertical or horizontal surface using the brackets formed on the bottom panel. For mounting on a wooden or paneled surface use No. 6 x 1/2" or larger wood screws. For mounting onto a masonry or drywall type surface use fasteners which are designed for this purpose.

UA/12 ARCHITECTURAL AND ENGINEERING SPECIFICATIONS

The mixer amplifier shall have one switchable microphone/paging channel

and one dedicated auxiliary channel. The mic/page input will be transformer balanced and will have the capability to automatically mute the AUX input. The master section shall include two EQ controls providing 10 dB of boost or cut at 100 Hz and 10 kHz. The unit shall be packaged in a rugged metal chassis 10.137" wide by 6.416" tall by 2.775" deep. One-half inch mounting flanges shall be provided on each side. The unit shall operate from 120 volts AC, 60 Hz power. The internal amplifier shall be capable of delivering 12 watts RMS into 4 ohms and 8 ohms as well

as providing 25 volt and 70 volt line outputs. The unit shall be capable of delivering rated power from 50 Hz to 20 kHz ± 1 dB into 4 ohms at its 4 ohm output at less than 2.0% distortion with system hum and noise at least 80 dB below rated power. The unit shall be a Peavey Architectural Acoustics Division model UA/12.

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.

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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.



Features and specifications subject to change without notice.

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