

# S P E C I F I C A T I O N S



## UA<sup>TM</sup> 35T Utility Amplifier

### SPECIFICATIONS

#### Output Power:

35 watts RMS

#### Power Bandwidth:

50-20 kHz, .8% THD Mic  
50-20 kHz, .6% THD AUX

#### Frequency Response:

50-20 kHz  $\pm 1$  dB AUX

#### THD:

0.1% @ 1 kHz, 35 watts RMS

#### S/N Ratio: (20 kHz BW)

All controls down/flat: 80 dB AUX  
55 dB Mic

#### 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: 1 mV @ 10K ohms  
Page Input: 125 mV @ 3K ohms

#### Outputs:

4 ohms, 8 ohms, 600 ohms, 25 V, 70 V

#### 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

#### Indicators:

Power LED

#### Protection:

Built in, with AC line fuse

#### Power Consumption:

120 volts AC, 60 Hz, 30 watts

#### Dimensions:

4.25" H x 8.25" W x 13.625" D

#### Weight:

11.5 lbs.

#### Color:

Gray

#### Other Features:

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

### FEATURES

- 35 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
- Direct 4 ohm output (screw terminal)
- Completely isolated 8 ohm, 600 ohm, 25 volt, and 70 volt outputs (screw terminals)
- Painted shelf-top or wall-mountable chassis

### DESCRIPTION

The UA<sup>TM</sup> 35T is a high quality utility amplifier ideally suited for varying installation requirements. It produces 35 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 or RCA jacks. Bass and treble controls are functional on the total system (mic/page/AUX). When a

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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 35T 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 35T 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 4.25" tall by 8.25" wide by 13.625" deep. 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 35 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  $\pm$  1 dB into 4 ohms at its 4 ohm output at less than .1% distortion with system hum and noise at least 80 dB below rated power. The unit shall be a Peavey Architectural Acoustics Division model UA 35T.

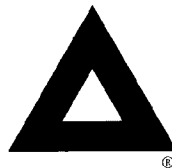
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