



PEAVEY[®]
ARCHITECTURAL ACOUSTICS[®]

UMA[™] 35T

Utility Mixer Amplifier

SPECIFICATIONS

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Power Amplifier Section:

Rated Power and Load:

Direct Output: 35 W RMS @
4 ohms

Fully Isolated Transformer Output:
35 W RMS @ 16 ohms
(25V) / 143 ohms (70V)

Distortion:

0.5% THD @ rated power

Frequency Response:

Direct output: ±1.5 dB 50 Hz to
18 kHz

Preamplifier Section:

Input Sensitivity:

High Z MIC: 5 mV
Low Z MIC: 500 µV
AUX: 150 mV

Equalization:

Treble Control: ±10 dB @ 10 kHz
Bass Control: ±10 dB @ 100 Hz
Contour Circuit:

System Hum and Noise

at Nominal Level:

80 dB below rated power from line
level AUX input

FEATURES:

Power Output:

35 watts RMS into 4 ohms

Inputs:

Dedicated high Z/low Z MIC 1 with
screw terminals (and XLR for low Z)

Switchable MIC 2/AUX 1 input with
screw terminals for the MIC 2 input
and an RCA phono jack for the AUX
1 input

Dedicated high Z AUX 2 input with
RCA phono jacks

Automatic precedence of MIC 1 over
MIC 2/AUX 1, or both (defeatable).

Controls and Indicators:

MIC 1 level control
MIC 2/AUX 1 level control
MIC 2/AUX 1 level control
AUX 2 level control
High EQ control (Treble)
Low EQ control (Bass)
"Contour" switch
Power on LED
Power switch

Outputs:

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

Package:

Painted steel shelf-top chassis

DESCRIPTION:

The UMA[™] 35T produces 35 watts RMS and contains the necessary preamp features to handle the most demanding installation requirements. The control layout is user-friendly and is coupled with the most advanced circuit designs. Twenty-five and seventy volt fully isolated line output capability is standard equipment with this unit and it is rack-mountable in the standard 19" rack configuration using optional rack mount kit. The "slim-line" chassis design occupies only two vertical rack spaces.

ARCHITECTURAL AND ENGINEERING SPECIFICATIONS

The mixer amplifier shall have one dedicated microphone channel, one dedicated auxiliary channel and one switchable microphone/auxiliary channel. Each microphone channel shall feature one low impedance balanced input and one high impedance input. The master section shall include two EQ controls providing 10 dB boost or cut at 100 Hz and 10 kHz and a "Contour" switch providing 10 dB boost at 100 Hz and 10 dB boost at 10 kHz.

The unit shall provide selectable automatic muting of MIC 2/AUX 1 and AUX 2 channels with precedence given to the MIC 1 channel. Connections for external mute shall be provided through barrier strip connections on the back panel. 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 15" wide by 3 1/2" high by 12 3/4" deep (including external heatsinks). The unit shall operate from standard 120 volts AC, 60 Hz

power. The internal power amplifier shall be capable of 35 watts 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 18 kHz \pm 1.5 dB into 4 ohms at its direct output at 0.5% or less distortion with hum and noise at least 80 dB below rated output from line level AUX input. The unit shall be called the Peavey Architectural Acoustics Division model UMA™ 35T.

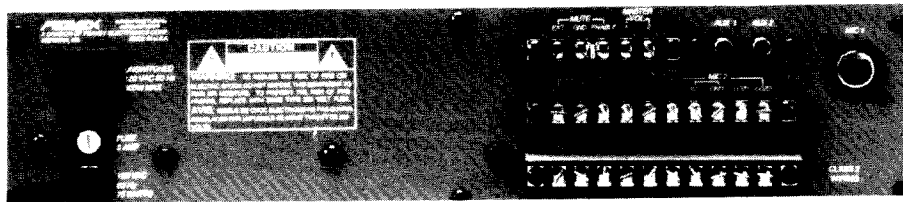
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Features and specifications subject to change without notice.

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Printed in U.S.A. 8/91