



PEAVEY
ARCHITECTURAL ACOUSTICS®

UMA/35

Utility Mixer Amplifier

SPECIFICATIONS

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Power Amplifier Section:

Rated Power and Load:

Direct Output: 35 W RMS @
4 ohms

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

Distortion:

.5% THD @ rated power

0.1% THD @ 65 W

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 μ V

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 output

8 ohm screw terminal output

16 ohm/25V screw terminal output

70V screw terminal output

1V/600 ohm balanced output

AC convenience outlet

Package:

Painted shelf-top chassis with
detachable, smoke-tinted security

DESCRIPTION:

The UMA™/35 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 line output capability is standard equipment with this unit and it is rack-mountable in the standard 19" rack configuration. The "slim-line" chassis design occupies only two vertical rack spaces.

A smoke-tinted security cover has been provided with a "snap-on" feature to guard against accidental or malicious alteration of system calibration.

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 6 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, 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 50 Hz to 18 kHz ± 1.5 dB into 4 ohms at its direct output at .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™/35.

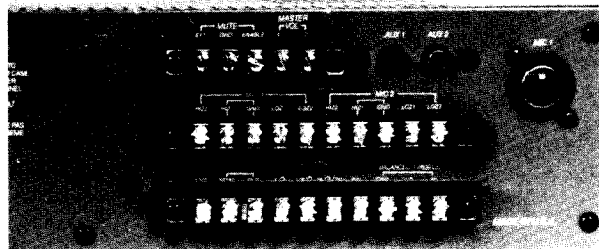
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