

PEAVEY[®]
ARCHITECTURAL ACOUSTICS[®]

UMA™ 75T

Utility Mixer Amplifier

SPECIFICATIONS



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Power Amplifier Section:

Rated Power and Load:

Direct Output: 75 W RMS @
4 ohms

Fully Isolated Transformer Output:
75 W RMS @

8 ohms (25V) / 66 ohms (70V)

Distortion:

3.0% THD @ rated power

0.1% THD @ 65 watts

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:

75 watts RMS into 4 ohms

Inputs:

Dedicated high Z/low Z MIC 1 and
MIC 2 inputs with screw terminals
(and XLR for low Z)

Dedicated high Z AUX 1 and AUX 2
inputs with RCA phono jacks

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

Controls and Indicators:

MIC 1 level control

MIC 2 level control

AUX 1 level control

AUX 2 level control

High EQ control (Treble)

Low EQ control (Bass)

"Contour" switch

Pilot LED

Power switch

Outputs:

4 ohm screw terminal direct output

8 ohm/25V balanced output

70V balanced output

1V/600 ohm balanced output

AC convenience outlet

Package:

Painted steel shelf-top chassis

DESCRIPTION:

The UMA™ 75T is a high-performance utility mixer amplifier designed to meet the needs of the most demanding fixed installation/PA application. The user-friendly control layout, coupled with state of the art circuit design, assures reliable long-term operation and smooth trouble-free installation. Twenty-five and seventy volt fully isolated line output capability is standard equipment.

The UMA 75T has been packaged for standard 19" "rack-mount" capability using optional rack-mount kit. Available rack space is always a premium with installations and each UMA utility mixer amplifier occupies only two vertical rack spaces.

ARCHITECTURAL AND ENGINEERING SPECIFICATIONS

The mixer amplifier shall have two microphone channels and two auxiliary channels. Each microphone channel shall feature one low impedance balanced input and one high impedance input. The master section shall include one master volume level control, 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 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 17" wide by 3½" high by 15¾" deep (including external heatsinks). The unit shall operate from standard 120 volts AC, 60 Hz power. The internal power amplifier shall be capable of 75 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 3% or less distortion with system hum and noise at least 80 dB below rated output

from line level AUX input (0.1% distortion @ 65 watts). The unit shall be called the Peavey Architectural Acoustics Division model UMA™ 75T.

LIMITED WARRANTY

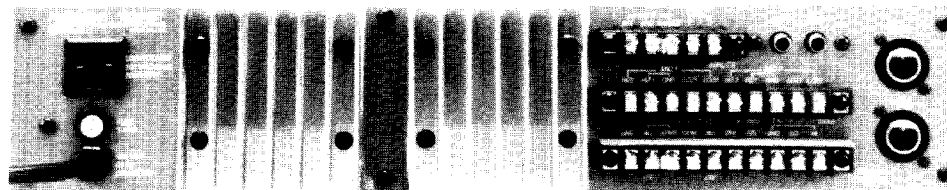
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