

SPECIFICATIONS



UM™-10

Two-Channel Mixer/Amplifier

SPECIFICATIONS

Output Power:

10 watts RMS

Power Bandwidth:

50 Hz to 20 kHz, 1.0% THD

Outputs:

Direct Output: 4 ohms

XFMR Outputs: 8 ohms, 25 V, and 70 V

Output Regulation:

Direct Output: < 0.5 dB

XFMR Outputs: <1.25 dB

Frequency Response:

50 Hz to 20 kHz, ± 1 dB

Signal to Noise Ratio:

(20 Hz to 20 kHz)

MIC: 60 dB

PAGE: 80 dB

Program: 80 dB

Total Harmonic Distortion:

0.05%, rated output (1 kHz)

Input Configuration:**MIC/PAGE Input (selectable):**

Screw terminals

Program Input:

Screw terminals and RCA phono jack

Input Sensitivity:

MIC: 1 mV/600 ohms, balanced

PAGE: 100 mV/600 ohms, balanced

Program: 550 mV/20 k ohms; balanced screw terminals; 150 mV/20 k unbalanced RCA phono jack

Tone Controls:

(Program Input only)

Treble: ± 10 dB @ 10 kHz

Bass: ± 10 dB @ 100 Hz

Muting:**Internal:**

Signal Activated muting of the Program input by the MIC/PAGE input; adjustable threshold

External:

Switch closure for external muting of Program input

Controls:

1 MIC/PAGE gain control

1 Program gain control

1 Bass tone control (trim pot)

1 Treble tone control (trim pot)

1 Mute threshold control (trim pot)

1 MIC/PAGE select switch

1 Power switch

Indicators:

1 power LED

Connectors:

MIC/PAGE: screw terminals

Program: screw terminals and RCA phono jack

Outputs: screw terminals

Muting: screw terminals

Power Consumption:

Domestic: 35 watts, 50/60 Hz, 120 V AC

Export: 35 watts, 50/60 Hz, 230 V AC

Dimensions:

3.5" H x 10.2" W x 7.25" D

Weight & Color:

6 lbs. Gray

FEATURES:

- Switchable MIC/PAGE input with screw terminals
- Dedicated Program input with screw terminals and RCA phono jack
- Signal activated muting of the Program input by the MIC/PAGE input with adjustable mute threshold
- External muting of the Program input via switch closure
- Bass and Treble controls on the Program input
- 4 ohm, 8 ohm, 25 volt, and 70 volt outputs
- Power indicator
- Powder-coated steel chassis
- Internal current limiting and thermal fuse



DESCRIPTION

The UM™-10 is a 2-channel mixer/amplifier that is capable of delivering 10 watts into 4 and 8 ohms, as well as providing 25 and 70 volt fully isolated outputs.

The MIC/PAGE channel is transformer balanced with a level control and screw terminals for hookup. A select switch on the rear panel activates an input pad to allow for Page operation. The Program channel is electronically balanced and includes a level control, EQ controls (bass and treble), and screw terminals or RCA jack for hookup.

The MIC/PAGE channel has an adjustable mute threshold control to allow the incoming signal to mute the Program input. External muting is accomplished through a screw terminal switch closure connections.

The unit is packaged in a rugged metal chassis that occupies two vertical spaces.

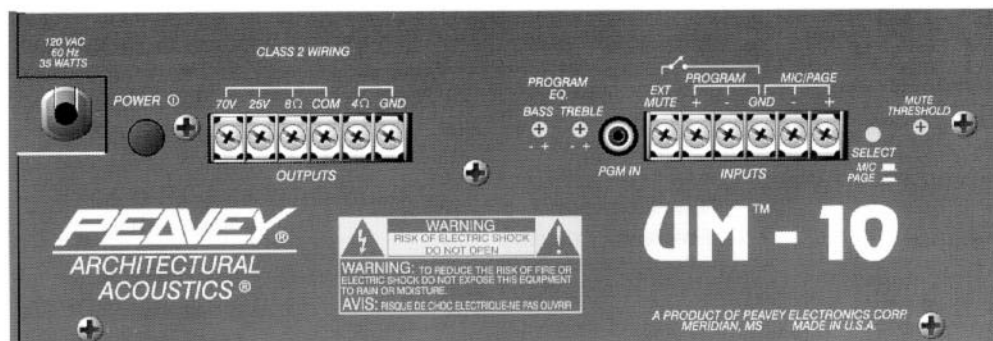
ARCHITECTURAL & ENGINEERING SPECIFICATIONS

The mixer/amplifier shall have one switchable microphone/paging channel and one dedicated program input. The mic/page input shall be transformer balanced and will have provisions for overriding the program input. Provision for an external Mute switch closure shall be included to mute the program input. The program input shall include two EQ controls providing 10 dB of boost or cut at 100 Hz and 10 kHz. The internal amplifier shall be capable of delivering 10 watts RMS into 4 ohms and 8 ohms, as well as providing 25

and 70 volt outputs. The unit shall be capable of delivering rated power from 50 Hz to 20 kHz ± 1 dB into 4 ohms at less than 1% distortion with system hum and noise 80 dB below rated output from a line level input. The unit shall be packaged in a rugged metal chassis 3.5" high by 10.2" wide by 7.25" deep. The unit shall operate from 120 volts, AC, 60 Hz power. The unit shall be called the Peavey Architectural Acoustics Division model UM™-10.

ONE YEAR LIMITED WARRANTY

NOTE: For details, refer to the warranty statement. Copies of this statement may be obtained by contacting Peavey Electronics Corporation P.O. Box 2898, Meridian, MS 39302-2898.



Features and specifications subject to change without notice.

A Division of Peavey Electronics Corporation

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