

SPECIFICATIONS



A/A-8P™ Eight-Channel Preamp

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Inputs:

Euro type connector, balanced low or high impedance

Outputs:

Euro type connector, balanced low impedance 100 ohms

Output Level:

+15 dBu with Limiter activated (rated)
+26 dBu maximum

Controls:

8-input gain controls (tamper resistant, flush-mount, screwdriver slotted)

Noise:

-75 dB below full output

THD:

Less than 0.02% at 1 kHz signal input

Activity LED:

Activated at or above 77 mV (-20 dBu)

Clip LED:

Activated at or above 4.4 volts (+15 dBu)

Limiter Threshold:

+15 dBu

Phantom Power:

+48 volts defeatable each channel via dipswitch. High level line setting will override defeat switch and shut off phantom to channel.

Dimensions:

1.75" (H) x 19" (W) x 11" (D)

Weight:

8.6 lbs

Color:

Gray

Power Consumption:

120 V AC, 60 Hz, 20 W

INPUT

Mic Setting (low level):

Frequency Response: 20 Hz to 30 kHz
(±1.5 dB)

Maximum Gain: 65 dB at "max" setting

Maximum Input Level: 160 mV (-14 dBu)

Minimum Gain: 28 dB at "min" setting

Minimum Input Level for Full Output:

2 mV (-52 dBu)

Input Impedance: 2 K ohms

E.I.N.: 125 dBV (150 ohms, 65 dB gain)

Line Setting (high level):

Phantom power automatically defeated

Maximum Gain: 28 dB

Maximum Input for Rated Output:

14.8 volts (+26 dBu)

Minimum Gain: -10 dB attenuation of input signal

Minimum Input Level for Rated Output:

172 mV (-13 dBu)

Input Impedance: 20 K ohms

DESCRIPTION

The Peavey Architectural Acoustics A/A-8P™ Preamp is a high quality mic/line preamp with eight separate transformer balanced inputs. Each channel provides a level control with a selectable mic or line inputs to accommodate a wide range of input levels.

The A/A-8P™ front panel provides immediate indication of signal status with an activity and clip LED. Included in each channel's signal path is a level limiter which is preset at the optimum input level for the MM-8840 and MM-8830 Digital Interface. Also, each channel provides industry standard +48 volts phantom power. Both the limiter and phantom power are user enabled on a per channel basis with convenient dip switches located on the back panel. The inputs and outputs are "Euro" type connectors. And, to reduce unauthorized or accidental level changes, we have provided tamper resistant level controls that are installer adjustable with a screw driver.

The A/A-8P is ruggedly packaged in an industry standard 19" single rack space unit.



ARCHITECTURAL & ENGINEERING SPECIFICATIONS

The Peavey Architectural Acoustics A/A-8P Mic Preamp shall have eight channels with transformer balanced inputs. The outputs will be electronically balanced. Signal inputs shall be selectable for either low level (mic) or high level (line) signals. Phantom power will be available for each channel with a

defeat switch per channel located on the rear panel. Channel level controls shall be mounted on the front panel and will be flush-mount, tamper resistant, screwdriver slotted. Two signal status indicators per channel will be located on the front panel: a green signal present LED and a red clip LED. There shall be a level limiter per channel, defeatable by a switch located on the rear panel. The output threshold of this limiter shall

be optimized for input to the MediaMatrix MM-8840 and MM-8830. The connection to the A/A-8P Preamp input and output shall be via "Euro" type connectors. The power on LED shall be located on the front panel. The unit shall be 1-3/4" high using industry standard 19" rack spacing. The weight of the unit shall be 8.6 lbs. The unit shall be a Peavey Architectural Acoustics Division model A/A-8P™.



Back Panel

LIMITED WARRANTY

Peavey Electronics Corporation warrants to the original purchaser of this new Architectural Acoustics product that it is free from defects in material and workmanship. If within one (1) year from date of purchase a properly installed product proves to be defective and Peavey is notified, Peavey will repair or replace it at no charge. (Note: Batteries and patch cords not covered.) "Original purchaser" means the customer for whom the product is originally installed.

Damage resulting from improper installation, interconnection of a unit or system of another manufacturer, accident or unreasonable use, neglect or any other cause not arising from defects in material and workmanship is not covered by this warranty. The warranty is valid only as to products purchased and installed in the United States and Canada.

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Peavey's liability to the original purchaser for damages for any cause whatsoever and regardless of the form of action is limited to the actual damages up to the greater of Five Hundred Dollars (\$500) or an amount equal to the purchase price of the product that caused the damage or that is the subject of or is directly related to the cause of action. This limitation of liability will not apply to claims for personal injury or damage to real property or tangible personal property allegedly caused by Peavey's negligence. For information on service under this warranty, call a Peavey customer service representative at (601) 483-5376.



Features and specifications subject to change without notice.

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