

## SPECIFICATIONS

**Rated output power:**  
150 Watts

**Output regulation:**  
Direct out:  $\pm 0.5$  dB  
Transformer out:  $\pm 1.0$  dB

**Frequency response:**  
Power amplifier:  
 $\pm 0.5$  dB, 20 Hz to 20 kHz, direct out  
 $\pm 1.0$  dB, 50 Hz to 20 kHz, transformer out  
Peramplifier:  
 $\pm 1.0$  dB, 20 Hz to 20 kHz

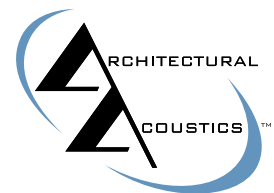
**THD:**  
Power amplifier: 0.05% (1 kHz)  
Transformer out: 0.10% with nominal gain settings

**Power bandwidth:**  
Direct out: 10 Hz to 70 kHz  
Transformer out: 30 Hz to 40 kHz

**Signal/Noise:**  
(22 Hz - 22 kHz) typical  
All controls CCW: 100 dB  
All controls nom.: 95 dB  
Master level Max: 77 dB

**Outputs:**  
Direct out:  
4 Ohms  
Transformer isolated:  
8 Ohms, 25 V, 70 V (120 V)  
8 Ohms, 70 V, 100 V (230 V)  
Pre out:  
1 V nom; +21 dBu max. at 100 Ohms  
Bridge In/Out:  
100 mV at 3.3 k Ohms

**Input sensitivity:**  
Program in:  
100 mV at 10 k Ohms  
Bridge In/Out:  
100 mV at 3.3 k Ohms  
Program in:  
1 Volt at 20 k Ohms



By PEAVEY

## Specifications

## MMA™ 81502 Mixer/Power Amplifier Power

### Tone controls:

Low EQ: ±10 dB at 100 Hz  
High EQ: ±10 dB at 10 kHz

### Features:

- Nine channel mixer/power amplifier system
- Eight input ports accept MMA™ plug-in modules
- Dedicated program input
- High and low EQ controls
- Switchable low cut filter
- External volume control capability
- Two mute buses
- Preamp output/power amp input patch capability
- Short circuit and thermal protection
- SPS™ (Speaker Protection System) circuitry with indicator
- 4 Ohm direct output
- 8 Ohm, 25 Volt, and 70 Volt transformer isolated power outputs (120 V only)
- AC convenience outlet (120V units only)
- Optional rack mounting with included rack ears

### Muting:

MMA input module with muting capability overrides the Program Input on Mute 1 bus  
Mute 1 and Mute 2 bus activation with switch contact closure via screw terminals

### Power requirements:

300 Watts, 120 VAC, 60 Hz

### Dimensions (H x W x D):

with rack ears and without feet:  
3.45" x " 19.00" x 13.25"  
(88 mm x 483 mm x 337 mm)  
without rack ears with feet:  
4" x " 17.00" x 13.25"  
(102 mm x 432 mm x 337 mm)

### Weight:

28.3 lbs. (12.9 kg)

### Description:

The MMA™ 81502 is a high-quality, industrial-grade audio mixer/amplifiers. Designed for flexibility in application, these mixer/amps represent the latest, state-of-the-art technology in mixer/amplifier design. Powerful, yet easy to use, the MMA 81502 delivers amazing sonic performance. Low-noise design and features applicable to "real world" situations make these units ideal for audio applications where a powerful, compact mixer/amplifier with multiple inputs and outputs are required.

### Architectural and Engineering Specification:

This product shall be a modular mixer/amplifiers in 2RU chassis. It shall have 8 plug-in module slots for use with present and future Peavey MMA plug-in modules, Program Input, Bridging Input/Output, Preamp Output, and Power Amp Input. The front panel shall include nine input level controls, bass and treble controls with bypass, and a master output control. Front panel indicators shall include input status for each input channel, power, signal presence at the amplifier, mute bus condition, and SPS™. Outputs shall include one direct and three transformer isolated. The power switch shall be on the rear panel along with the detachable IEC cord, fuse holder, and accessory power outlet.

The chassis shall be constructed of steel. The chassis dimensions shall be two standard EIA rack units height and width (with included rack ears). The color scheme shall conform to that of Peavey's current Architectural Acoustics product line.

Along with the 8 slots for MMA plug-in modules, a Program Input shall be provided. It shall be an unbalanced line input and be muted by the MUTE 1 bus from any mutable MMA module(s) installed. The input Level Controls for all of the module slots and the Program input shall be on the front panel. A Bridge In/Out shall be provided. It provides an output signal that is independent of the Master Level control and tone controls. It can also be used to link two MMA units together. The Program Input and Bridge In/Out shall be realized via a Euro-type connector. A Low Cut switch shall be included with a cut-off frequency of 60 Hz.

The capability to insert an external device shall be included via two RCA jacks. Remote master level control capability shall be included along with remote control for each mute bus.

The amplifier power level shall be 150 Watts. The amplifier shall include clipping protection via SPS™.

### WARRANTY

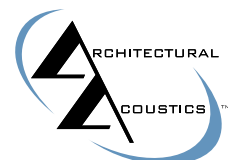
#### THREE + TWO LIMITED WARRANTY

**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, Mississippi 39302-2898.



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