

Specifications IPA™ 752

**Rated output power:**

75 Watts

Output regulation:

Direct out: <0.5 dB
Transformer out: <1.0 dB

FREQUENCY RESPONSE:**Power amplifier:**

± 0.5 dB, 20 Hz – 20 kHz, direct out
± 1.0 dB, 50 Hz – 20 kHz, transformer out

Preamplifier:

± 1.0 dB, 20 Hz–20 kHz

THD:**Power amplifier:**

0.05% (1 kHz) @ full power

Preamplifier:

0.10% with nominal settings

Power bandwidth:

Direct out: <10 Hz–20 kHz
Transformer out: 30 Hz–20 kHz

Signal/noise:

(22 Hz–22 kHz) typical
All controls CCW: -100 dB
All controls nominal: -90 dB

OUTPUTS:**Direct out:**

4 Ohms
Transformer- isolated
Balanced 8 Ohms, 25V, 70V

Pre out:

1 Volts nominal, +21 dBu max @
100 Ohms

Input Sensitivity:

Bridging input: Up to 100 mV @
20 k Ohms
Power in: 1V @ 20 k Ohms

Front panel controls:

Master level control
Power amplifier signal presence
Indicator
SPS™ indicator

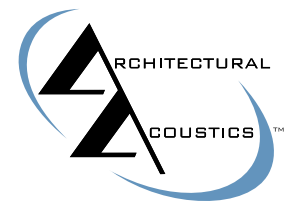
Power on indicator

Rear panel controls:

Module input level control (use with
MMA™ input modules only)
Bridging input level control
Loop switch
Power switch

Muting:

MMA™ input module with muting
capability overrides the Bridging Input



By PEAVEY

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Other features:

- Remote volume control (RVC) via screw terminals
- 10 k Ohm approximately 30 dB of attenuation
- 100 k Ohm approximately 60 dB of attenuation

Power requirements:

Domestic: 180 Watts, 120 VAC, 60 Hz

Dimensions:

- With rack ears:
 - Width: 19.00" (483 mm)
 - Depth: 13.25" (337 mm)
 - Height: 3.45" (88 mm)
- Without rack ears:
 - Width: 17.00" (432 mm)
 - Depth: 13.25" (337 mm)
 - Height: 3.45" (88 mm)

Weight:

22.5 lbs. (10 kg)

Features

- One plug-in module port: allows for any single- or double-space MMA™ module
- Input control for MMA input modules on rear panel
- Balanced screw terminal bridging input
- Input sensitivity control for bridging input on rear panel
- Switchable 60 Hz, 4th order highpass filter
- Priority/muting system with internal signal override
- Remote volume control capability
- Preamp output and power amp input loop for external processing equipment or auxiliary output
- Front panel master level control
- Amplifier signal indicator
- SPS™ (Speaker Protection System) circuitry with indicator
- Power indicator
- 4 Ohm direct output
- Optional rack-mounting with included rack ears

DESCRIPTION

The IPA 752 is a high-quality, industrial-grade audio amplifiers. Designed for flexibility in application, these amplifiers represent the latest, state-of-the-art technology in amplifier design. Powerful, yet easy to use, the new IPA series delivers amazing sonic performance. Low-noise design and features applicable to "real world" situations make these units ideal for audio applications where a powerful yet, compact amplifier with multiple input and output capabilities are required.

Architectural and engineering specifications

This product shall be in a 2RU chassis. It shall have 1 input and a double-wide accessory plug-in module port for use with present and future Peavey MMA modules. The front panel shall include a master output level control. Front panel indicators shall include power, signal presence at the amplifier, and SPS™. This amplifier shall have a muting function where the input module has priority over the amplifier input. Outputs shall include one direct and three transformer isolated. The unit shall have 120 VAC 60 Hz. The power switch shall be on the rear panel along with the detachable IEC cord, and a fuse holder.

This unit shall be constructed of Steel. The chassis dimensions shall be two standard EIA rack units height and width (with included rack ears). The depth shall be such that the unit will fit on a standard 12" deep rack shelf. There shall be one input with 3-pins of a 5-pin Euro-type connector and a sensitivity control on the rear panel. The sensitivity control shall range from Off to 100 mVolts with 1 Volts at the 12 o'clock position.

The module port shall be capable of accommodating 1 single- or double-

width MMA module. The signal from an input module shall be mixed through a rear panel input level control with the signal from the Bridging input to drive the amplifier. When the input signal to an input module commands a mute function, the amplifier input shall be muted. When an MMA output module is used, its signal is derived from the Bridging input.

A front panel master level control shall control the output signal level of the power amplifier. Remote master level control capability shall be included via the other 2-pins of the 5-pin Euro-type connector. The capability to insert an external device shall be included via two RCA jacks. A low cut switch shall be included to insert a 4th order high-pass filter with a cut-off frequency of 60 Hz into the system. The amplifier shall have 75 Watts of power. This model shall have a direct 4 Ohm output, and 3 transformer isolated outputs 100 Volt, 70 Volt, and 8 ohm (25 Volt).

This amplifier model shall include clipping protection via SPS™. The unit shall be called the Peavey Architectural Acoustics Division model IPA™ 752.

WARRANTY

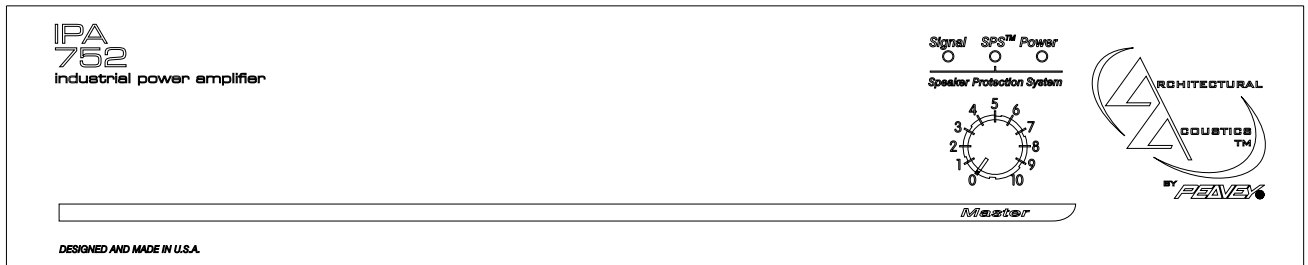
THREE + TWO LIMITED WARRANTY

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.



Specifications IPA™ 752

IPA 752 front



IPA 752 back

