

Public Address Power Amplifier

PA-6348



MAJORCOM:

PA-6348 Public Address Power Amplifier



OVERVIEW

PA-6348 are Inter-M's best-selling commercial PA amplifiers. They are recognized for their ruggedness, reliability and performance. They are the installer's choice for sound reinforcement, background music, paging, and public address systems.

Featuring low-distortion, low-noise amplifier electronics circuits which provides a high-output and a high S / N ratio.

PA-6348 amps provide a wide dynamic range with excellent headroom. An onboard High Pass Filter protects both amplifier and speakers from damaging transients. A comprehensive thermal/electrical protection circuit ensures long-haul dependability.

Thermistor protected output helps ensure overall stability and provides input overload protection. Internal airflow and exceptionally quiet multi-stage fans ensures amplifier cooling. Phoenix-style terminals provides for quick, easy hookup.

Models are available in a variety of output power, 480 watts power output in 8/4 ohm low impedance and in 70/100V high impedances output using low-distortion transformers. The PA-6348 offers outstanding versatility, long term reliability, and a remarkable value for any installation application.

FEATURE

/ High power - low noise circuit /

Low-noise, high-output circuit offers better than 95dB signal-to-noise ratio.
480W RMS output power THD (Total Harmonic Distortion) is less than 1%

/ 400Hz HPF (High Pass Filter) /

400Hz, High Pass Filter removes low frequency noise, improves speech intelligibility and protects both amplifier and speakers from damaging transients.

/ -12dB gain adjustment /

Rear mounted trim pot offers -12dB volume adjustment the nominal output.
(Variable output voltage of up to 75%)

/ Output level indicators /

Front panel LED indicates visual changes in output level.

/ Rack Mountable /

Can be rack mounted utilizes 3U of rack mount space or used in a Table Top configuration.

/ High reliability /

Build from high-reliability components ensures ruggedness and long term failure free use.

FRONT AND REAR VIEW



1 FAN

Airflow intake multi-stage quiet fans ensures amplifier cooling.

2 PROT (protection circuit indicators)

LED indicator displays if the amplifier protection mode.

3 POWER LED

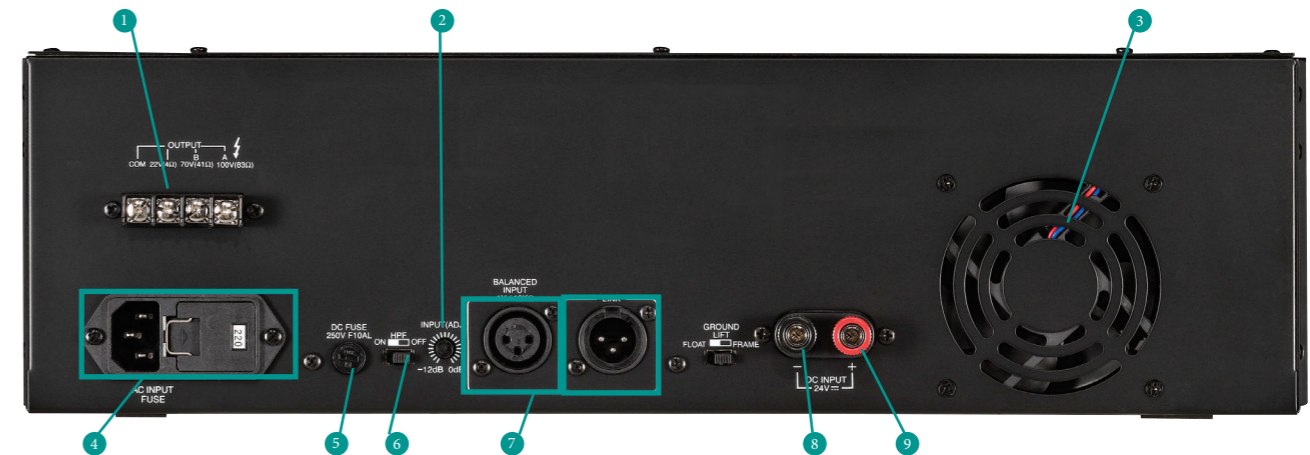
LED indicates power ON / OFF status five times as this unit is lit if the power switch ON and work instructions.

4 OUTPUT LEVEL INDICATOR

LED indicates output power level.

5 POWER SWITCH

An LED indicator confirms power on status of the amplifier.



1 OUTPUT TERMINAL

Allows selection of low impedance, 70.7 or 100 volt high impedance output.

2 LEVEL ADJUST VOLUME

Rear mounted trim pot offers -12dB volume adjustment the nominal output. (Variable output voltage of up to 75%).

3 VENTILATION

Ventilation out-take.

4 AC POWER INPUT

117VAC/60HZ 220 VAC50HZ

5 FUSE

6 HPF Switch

400Hz, High Pass Filter On/off switch

7 Signal input terminal

XLR style terminals

8 Ground Lift Switch

This switch provides for connection or disconnection of the amplifier's ground to AC "earth" ground, to prevent noise from ground loops. Under most circumstances, this switch should be set to FRAME position.

9 24V DC back up power

These terminals are provided for the connection of backup battery. Connect a 24VDC(100A) battery source to these terminals. Make certain the red terminal is connected to the battery's positive (+) side, and the black terminal to the battery's negative (-) side.

SPECIFICATIONS

| | PA-6348 |
|-----------------------------------|---|
| Rated Output Power (THD 5%, 1kHz) | 480W |
| Frequency Response (+1/-3dB) | 70Hz-18kHz |
| T.H.D | Less than 1% |
| High Pass Filter (400Hz) | -3dB |
| Gain Control | -12dB |
| S/N | Better than 95dB |
| Input Sensitivity / Impedance | 1V/10kΩ Balanced |
| Output Voltage / Impedance | 4Ω / 43.8V |
| | 10.2Ω / 70V |
| | 20.8Ω / 100V |
| Operating Temperature | -10°C ~ +40°C |
| Power Source | AC 120V ~ 240V, 50 / 60Hz, DC 24V |
| Power Consumption (1/8 power) | 600W |
| Weight (SET) | 22kg / 48lb |
| Dimensions (SET) | 482(W) × 132(H) × 280(D)mm / 19(W) × 5.2(H) × 11(D)in |



CONNECTION

