

MODEL NO: PA-6312/6324/6336/6348

TITLE: 120, 240, 360 and 480 watts Commercial PA amplifiers

OVERVIEW

PA-6312/6324/6336/6348 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 6300 series 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. Thermister 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, 120, 240, 360 and 480 watts power output in 8/4 ohm low impedance and in 70/100V high impedances output using low-distortion transformers. The PA 6300 series 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.
120W RMS (PA-6312), 240W RMS (PA-6324), 360W RMS (PA-6336), 480W RMS (PA-6348) 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.

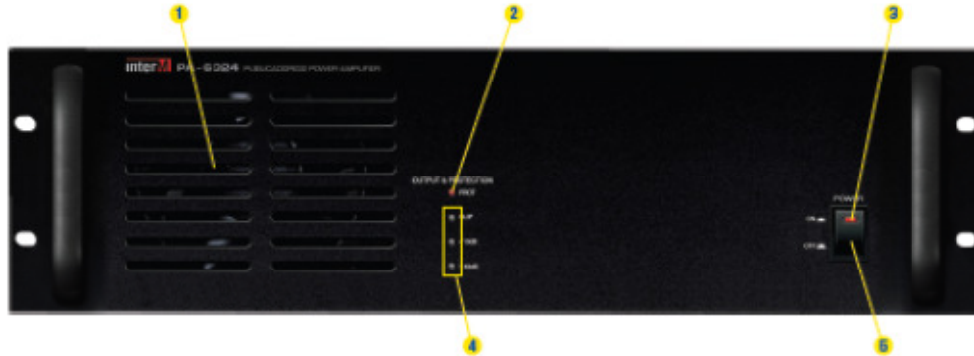
Thermal Protection

Thermal and overload protection including controlled airflow and variable speed cooling ensures long-haul dependability

APPLICATION

The PA-63000 Series amplifiers are high power output high quality rugged and reliable amplifiers to design to be used with the 6000 series mass communication system. Because of their outstanding versatility they have been the installer's choice for sound reinforcement, background music, paging, and public address systems.

FRONT PANEL



(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.

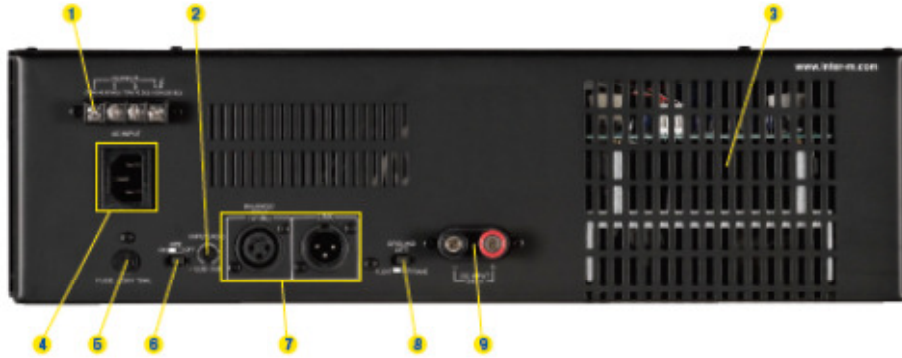
(4) OUTPUT LEVEL INDICATOR

LED indicates output power level.

(5) POWER SWITCH

An LED indicator confirms power on status of the amplifier.

REAR PANEL



- (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) VENTELATION
Ventilation out-take
- (4) AC POWER INPUT
117VAC/60HZ 220 VAC50HZ
- (5) FUSE
- (6) LPF Switch
400Hz, High Pass Filter On/off switch
- (7) Signal input terminal
Phoenix-style terminals
- (8) Ground Lift Switch
- (9) 24V DC back up power

Related Products

- ECS-6216P
- ECS-6216S
- PX-6216
- ECS-6216MS
- RME-6108
- DIB-6000

- ER-6116
- RM-6024
- RM-6012KP
- PD-6359A
- PA-6312
- PA-6324
- PA-6336
- PA-6348
- PV-6232
- PM-6228
- PW-6242A
- EP-6116
- LM-6228
- SC-6224
- AFD-6218
- CD-6208
- DPA-5075M
- DM-75
- DPA-430H
- DPA-430L
- DPA-130DC
- DPA-230DC
- DPA-4300M
- DPA-5075MN
- DM-75MN