

120/240/360 and 480 watts Commercial PA Amplifiers

PA-6312/6324/6336/6348



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.

FEATURES

- High power - low noise circuit
- 400Hz HPF (High Pass Filter)
- -12dB gain adjustment
- Output level indicators
- Rack Mountable
- High reliability
- Thermal Protection

SPECIFICATIONS

	PA-6312	PA-6324	PA-6336	PA-6348
Rated Output Power (THD 5%, 1kHz)	120W	240W	360W	480W
Frequency Response (+1/-3dB)	70Hz-18kHz			
T.H.D	Less than 1%			Less than 5%
High Pass Filter	400Hz, -3dB			
Gain Control	0dB ~ -12dB			
S/N	Better than 95dB			Better than 90dB
Input Sensitivity/Impedance	1V/10kΩ Balanced			
Output Voltage/Impedance	4Ω/22V	4Ω/31V	4Ω/38V	4Ω/43.8V
	41Ω/70V	21Ω/70V	13.6Ω/70V	10.2Ω/70V
	83Ω/100V	42Ω/100V	27.8Ω/100V	20.8Ω/100V
Operating Temperature	-10°C ~ +40°C / 14°F ~ 104°F			
Power Source	100-120VAC or 220-240VAC; 50/60Hz, 24VDC (Supplied AC mains transformer depends on country requirements)			
Power Consumption (1/8 power)	130W	450W	450W	600W
Weight (SET)	14kg/30.8lb	19kg/41.9lb	19kg/41.9lb	22kg/48lb
Dimensions (SET)	482(W) x 132(H) x 280(D)mm / 19(W) x 5.2(H) x 11(D)in			

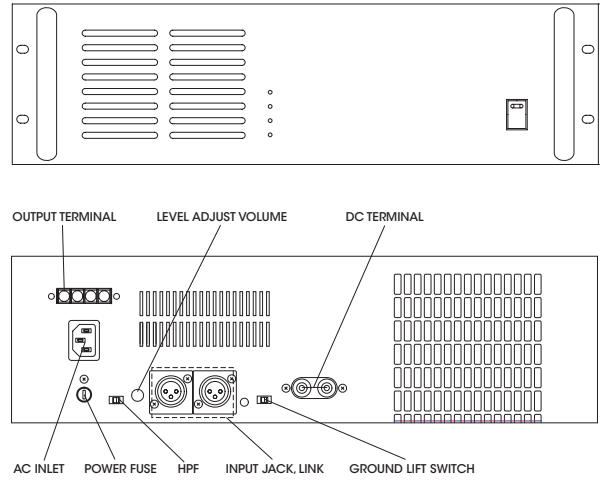
* Specifications and design are subject to change without notice.

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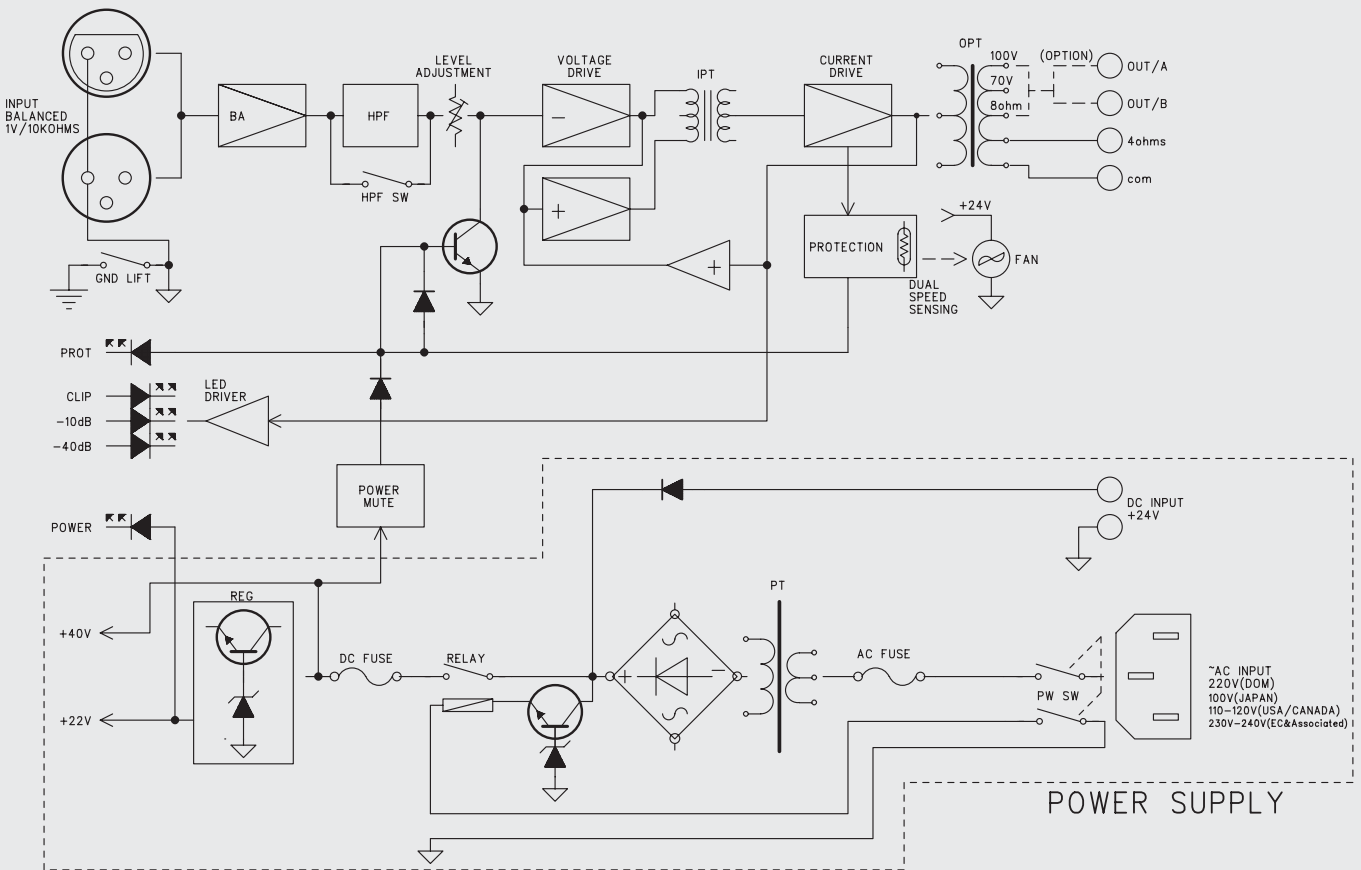


APPLICATION

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.



BLOCK DIAGRAM



Inter-M Corporation

- Office : 653-5 BANGHAK-DONG, DOBONG-KU, SEOUL, KOREA
 - Tel : +82-2-2289-8140~8, Fax : +82-2-2289-8149
 - Home page: <http://www.inter-m.com>, E-mail: overseas@inter-m.com

Inter-M Corporation (USA)

- Office : 14730 E. FIRESTONE BLVD #312 LA MIRADA, CA 90638
 - Tel : +1-714-523-1870, Fax : +1-714-523-1882
 - Home Page : <http://www.inter-m.net>, E-mail : info@inter-m.net