

**Features**

- 60/120W RMS Power at Less than 1% THD
- Six Balanced Inputs with Trim, Three-Band Equalizer
- Phantom Power Switch on Each Channel
- Muting Priority Switch for Channel 1, 2
- Five-Zone Speaker Selector Switch
- AC Mains/24VDC Operation
- Four-Tone Chime for Announcement
- Includes 3RU Rack-Mount Kit
- Optional CD, Cassette Player and Tuner Modules



70V

**Description**

The PAM-60 and PAM-120 are 60/120W mixer amplifiers with six balanced XLR inputs (with gain trim controls), permitting use with mic or line level signals. The units feature a 600Ω input for connection to a telephone system paging port. Each input has a three-band EQ. Master treble and bass controls are provided on the front panel. Zone selector switches allow control of up to five zones of speakers. A four-tone chime is provided for pre-announce/signaling, and two mic inputs have voice-activated priority muting. Contact closure may also provide muting of music for paging. The amplifier is protected with fuses and electronic protection circuitry with output relays.

Two separate in/out loops permit connection of external processing or interface with other outboard devices. Individual phantom power switches are provided for each input channel. Rack mount ears are included.

Two front panel bays permit use of optional modular signal sources: an AM/FM tuner module (left bay only); or a CD or cassette deck module (right bay only). These modules are installed in the field.

The mixer/amplifier may be powered by AC mains or 24VDC, enabling connection to a standby power supply for emergency operation.

**Technical Specifications**

<b>ELECTRICAL</b>	<b>PAM-60</b>	<b>PAM-120</b>
Frequency Response	80Hz - 20kHz	
THD	<1%	
Output Power (RMS)	60W	120W
Signal-to-Noise Ratio	>100dB	
Output Impedances/Levels	4/8Ω or 25/70V	
<b>GENERAL</b>		
Power Source - AC	100-120VAC or 220-240VAC 50/60Hz	
Power Source - DC	24VDC	
Weight	25lbs.	29.7lbs.
	11.4kg	13.5kg
Dimensions (W x H x D)	16.5" x 5.25" x 14.125"	
	419mm x 133mm x 360mm	

# PAM-60/120 Architects and Engineers Specifications

The modular amplifier shall be capable of 60W (PAM-60) or 120W (PAM-120) RMS output power and shall provide 4/8Ω or 25/70V outputs. Six balanced XLR inputs with input gain controls shall permit use with mic or line-level signal sources. A 600Ω input permits connection to a telephone system paging port. Each input shall have a three-band EQ. Master treble and bass controls are provided on the front panel. Five speaker zone selector switches shall control up to five zones. The amplifier is protected by fuses and electronic protection circuitry with output relays.

A four-tone chime shall be provided for paging pre-announce or signaling. Two muting priority switches shall permit selection of priority muting. Muting shall also be achieved by via contact closure. Two separate in/out loops permit connection of external processing or interface with outboard devices. Individual phantom power switches are supplied for each input channel. Rack mount ears are provided.

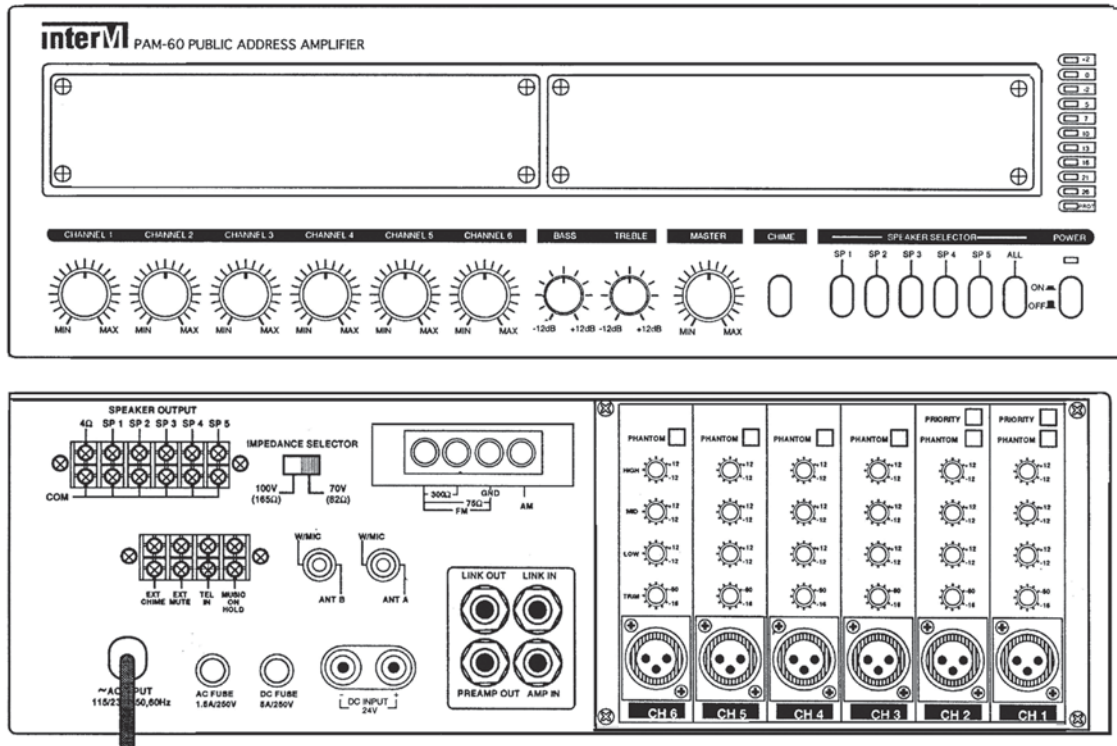
Two front bays shall permit use of optional signal source modules: an AM/FM tuner module (left bay only); or a CD or cassette deck module (right bay only). Each of these modules are field-installed.

The modular amplifier shall meet the following performance criteria:

Frequency response shall be from 80Hz to 20kHz; total harmonic distortion shall be less than 1%; and signal-to-noise ratio shall exceed 100dB. The modular amplifier shall measure 16.5" (419 mm) wide x 5.25" (133 mm) high x 14.125" (360 mm) deep. The power source shall be 100-120VAC or 220-240VAC 50/60Hz or 24VDC. Supplied AC mains transformer depends on country requirements.

The modular amplifier shall be an Inter-M model PAM-60 or PAM-120.

## PAM-60/120 Front and Rear Views



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