



Public Address Mixer/Amplifier

PA-2000/4000

Features

- 60W (PA-2000) or 120W(PA-4000) Output Power at <0.5% THD
- Six Input Channels, with Adjustable Input Sensitivity from Mic to Aux Level
- Five Screw-Terminal Inputs Plus One Dual RCA Input
- Optional Input Connector Plates for XLR, 1/4" Phone, or RCA-Type
- Telephone Paging Input
- Priority Muting (External Contact, or Voice-Activated on Tel, Mic1 and Mic2 Inputs) Adjustable
- Four-Note Chime (External Contact or Front-Panel Switch) and Siren Button
- Five-Band Graphic EQ
- Mono 4/8Ω , 25/70/100V Outputs
- Five-Zone Speaker Selector Switches For Use With 70/100V Lines



Description

The PA-2000 and PA-4000 are 60 or 120 W public address mixer/amplifiers with six balanced universal inputs, (inputs 1 through 5 use screw terminals) allowing connections of mic or line-level signals via input gain trim. Channel six is for CD or cassette decks, with connection using a dual-summed RCA jack. The unit has an input for a 600Ω(0.775V) telephone system paging port, while the built-in five-band EQ may be used to change the tonal balance or reduce feedback.

Five-speaker selector buttons allow up to five zones of speakers to be selected on or off. Page pre-announce or emergency signaling via front-mounted push-buttons is provided by a four-tone chime and siren. Voice-activated or contact muting is available for override of music for paging while fused and relay protect circuits give amp protection. Two separate in/out loops can connect external processing or record to outboard devices. The PA-2000 and PA-4000 are powered by 100-120VAC or 220-240VAC 50/60Hz (depending on country requirements).

Technical Specifications

ELECTRICAL	PA-2000	PA-4000
Frequency Response	60Hz - 20kHz	
THD	< 0.5%	
Signal-to-Noise Ratio	105dB	
Output Power (RMS)	60W	120W
Output Impedances and Voltages	4/8Ω or 25/70/100V (depending on country requirements)	
Input Sensitivity and Impedance	0.025mV - 80mV/600Ω	
Input Connectors	Inputs 1-5 are screw terminals; Input 6 is dual-RCA	
Input Level Adjustment	12dB to 0dB	
GENERAL		
Power Source	100-120VAC or 220-240VAC 50/60Hz	
Power Consumption	90W	150W
Weight	24.3lbs.	28.7lbs.
	11kg	13kg
Dimensions (W x H x D)	16.5" x 5.25" x 12.625"	
	419mm x 133mm x 320mm	

PA-2000/4000 Architects and Engineers Specifications

The public address mixer/amplifier shall be capable of 60W(PA-2000) or 120W(PA-4000)W RMS output. Six balanced universal inputs (inputs 1 through 5 use screw terminals) shall allow connections of any source from mic to aux level via input gain trim. Channels 1-5 shall have the option of XLRs, 1/4" phone jacks, or RCA-type jacks, but shall have screw terminal connectors supplied as standard in the USA. Channel six is for CD or cassette decks, with connection using dual-summed RCA jacks. The unit shall also have an input for a 600Ω(0.775V) telephone system paging port, while the built-in five-band EQ may be used to change the tonal balance, or reduce feedback.

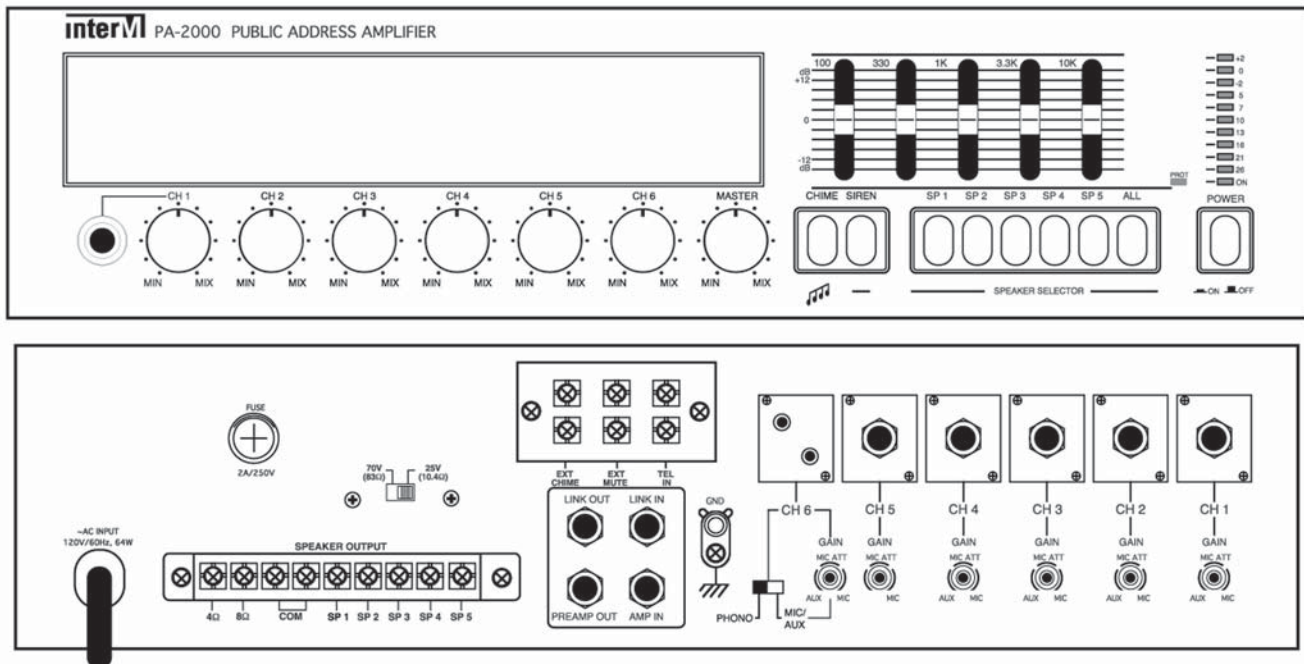
Five speaker selector switches shall allow up to five zones of speakers to be selected on or off. Page pre-announce or emergency signalling via front mounted switches shall be provided by a four-tone chime and siren. Voice-activation or contact muting shall be available for override of music for paging. The unit shall have fuses and relay protect circuits for amplifier protection. Two separate in/out loops shall permit connection with external signal processing, or provide a record output.

The public address mixer/amplifier shall meet the following criteria:

Frequency response shall be from 60Hz to 20kHz; total harmonic distortion shall be less than 0.5% and signal-to-noise ratio shall be 105dB. Input sensitivity and impedance shall be .025mV-80mV@600Ω. A switch-selectable high-pass filter shall provide -3dB attenuation at 400Hz. The mixer amplifier shall measure 16.5"(419mm) x 5.25" (133mm) x 12.625"(320mm). The PA-2000 and PA-4000 are powered by 100-120VAC or 220-240VAC 50/60Hz (depending on country requirements).

The public address mixer/amplifier shall be an Inter-M model PA-2000 or PA-4000.

PA-2000/4000 Front and Rear Views



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