



Mixing Amplifier

PA-60A/120A/240A



Mixing Amplifier

PA-120A



OVERVIEW

PA-A series is consist of each 60W/120W/240W output models, and this mixing amplifier can be applied to everywhere due to both usage High-Z(100V/70V) and Low-Z(4Ω/8Ω). It provides not only MIC, LINE but also variety of audio inputs such as AUX, TEL IN and additional functions such as tone control of BASS/TREBLE, and priority mode. Especially, users can operate the device for announcement and broadcast easily via interacting RM-05A which is exclusive remote microphone.

FEATURE

High Efficiency Class-D Amplifier

High efficiency, low power consumption due to Class-D amplifier.

Various Input Terminal

3 MIC Inputs, 2 Line Inputs, 2 Stereo Line Input, TEL IN and EXT IN input

Input / Output Monitoring

Built-in input signal display LED and output level display LED (7 Dots) per channel

Tone Control

Depending on the frequency used, there are treble and bass controllers to adjust the tone to suit your surroundings and purpose. (At 100Hz and 10kHz, each adjustable ± 10 dB)

Speaker Selection Switch

Selective-zone / All-zone broadcast by 5 speaker selection switches and a switch for all.

Priority Broadcast Function

Priority broadcasting function is adopted which can control other input signals by input signal of TEL IN and INPUT 1. (TEL IN >> INPUT 1 >> INPUT 2~6)

User Friendly Features

Chime and Siren, EXT IN, MIX OUT

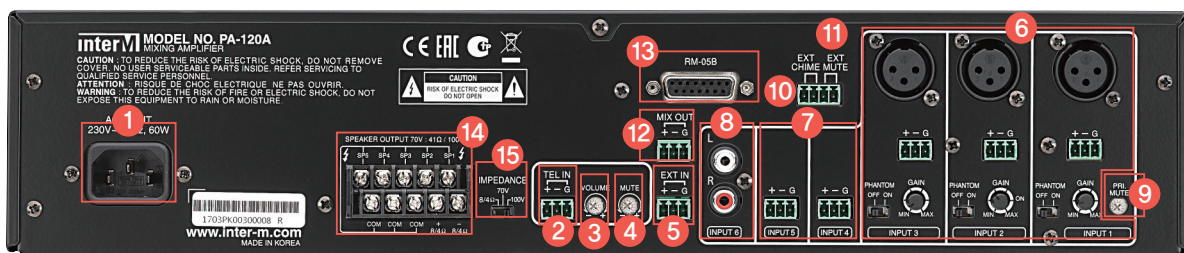
Phantom Power Support

PHANTOM POWER support for high intensity condenser microphone (INPUT 1~3)

PA-60A/120A/240A FRONT/REAR PANEL



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|-----------------------------|-----------------------------------------------------|
| 1 INPUT LEVEL CONTROL | 8 POWER SWITCH |
| 2 INPUT SIGNAL INDICATOR | 9 POWER INDICATOR |
| 3 CHIME SWITCH | 10 SPEAKER ZONE SELECTION SWITCH
(ALL, ZONE 1~5) |
| 4 SIREN ON/OFF SWITCH | 11 OUTPUT LEVEL DISPLAY(7 DOT) |
| 5 TONE CONTROL(BASS/TREBLE) | 12 AUX INPUT WITH INPUT 6 |
| 6 PROTECTION INDICATOR | |
| 7 MASTER VOLUME CONTROL | |



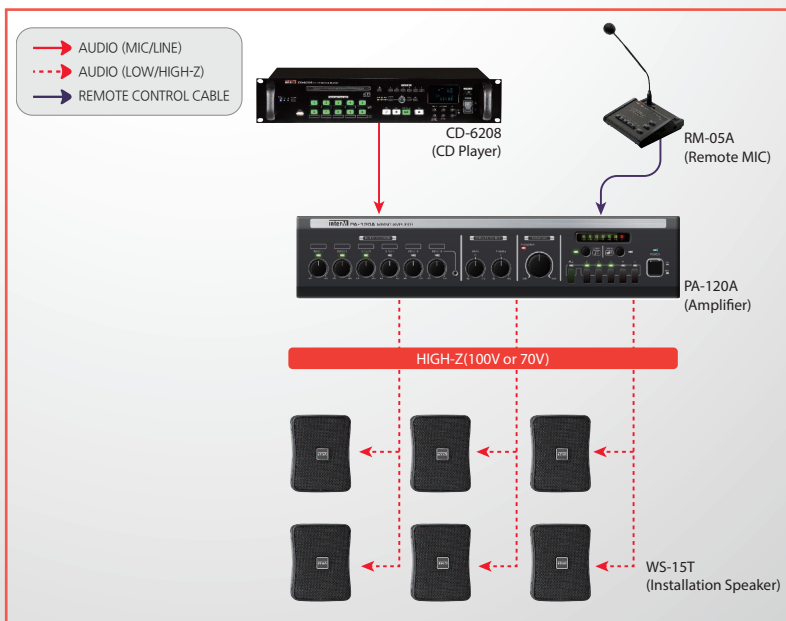
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|-----------------------------|----------------------------------------------------|
| 1 AC POWER INPUT | 9 PRIORITY LEVEL CONTROL VOLUME |
| 2 TEL IN TERMINAL | 10 EXT CHIME |
| 3 TEL IN VOLUME CONTROL | 11 EXT MUTE |
| 4 TEL IN LEVEL MUTE CONTROL | 12 MIX OUT |
| 5 EXT IN | 13 RM-05A CONNECTION TERMINAL |
| 6 INPUT(MIC/LINE) 1~3 | 14 SPEAKER OUTPUT TERMINAL |
| 7 INPUT(LINE) 4~5 | 15 IMPEDANCE SELECTION SWITCH
(1~5 ZONE, LOW-Z) |
| 8 INPUT(STEREO LINE) 6 | |

SPECIFICATIONS

		PA-60A	PA-120A	PA-240A
Output Power (1kHz, THD 1%)	70V/100V	60W	120W	240W
	8Ω	40W	120W	180W
	4Ω	60W	160W	240W
Frequency Response (1W, ±3dB)	LINE	80Hz~17kHz		
	MIC	100Hz~15kHz		
THD+N (Rated Power, 1kHz)		1% max		
S/N	LINE	More than 70dB		
	MIC	More than 50dB		
Input Sensitivity / Impedance				
Input 1~5/input impedance	MIC	-70dBu / 2kΩ (Balanced)		
	LINE	-20dBu / 2kΩ (Balanced)		
Input 6/input impedance	RCA	-20dBu / 2kΩ (UnBalanced)		
	3.5Φ PHONE JACK	-10dBu / 10kΩ (UnBalanced)		
TEL IN/input impedance		-20~0dBu / 10kΩ (Balanced)		
EXT IN/input impedance		0dBu / 20kΩ (Balanced)		
MIX OUT/input impedance		0dBu / 10kΩ (Balanced)		
Speaker output level / output impedance		100V / 167Ω	100V / 84Ω	100V / 42Ω
		70V / 82Ω	70V / 41Ω	70V / 21Ω
TONE CONTROL	BASS(100Hz)	10dB		
	TREMBLE(10KHz)			
Operating Temperature		-10°C ~ +40°C		
Operating Power		AC 220V, 230V, 240V, 50/60 Hz		
Power consumption (1/8W output)		40W	60W	90W
Weight (set)		6.25kg/13.78lb	7.32kg/16.14lb	9.75kg/21.5lb
Dimensions (set)		420(W) x 88(H) x 318.7(D)mm/16.54(W) x 3.46(H) x 12.55(D)in		

APPLICATIONS

Application for commercial audio environment like cafe or retail store



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※ Design and specification are subject to be changed for the improvement of product quality without pre notice.

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