



Mixing Amplifier

PA-206/212/224



Mixing Amplifier

PA-206



OVERVIEW

PA 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 front panel USB, but also a variety of audio inputs such as MIC, LINE, AUX, TEL IN. Also, additional functions are provided, such as tone control(BASS/TREBLE) and prioritized broadcasting.

Especially, a user can operate the device for paging easily via a dedicated remote microphone, RM-05A.

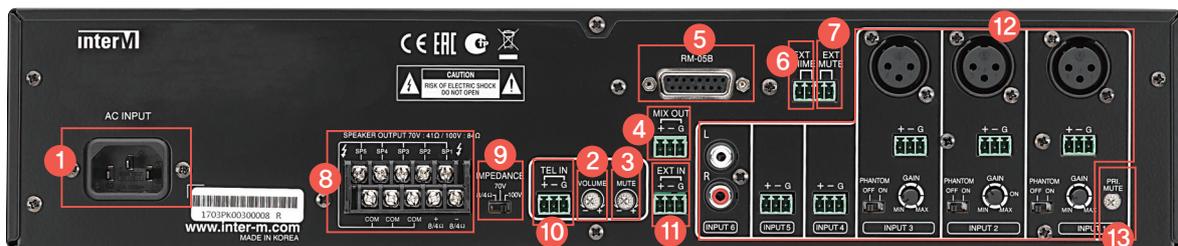
FEATURE

- **CLASS-D Amplifiers having 60W/120W/240W of output**
PA-206 : 60W, PA-212 : 120W, PA-224 : 240W
- **high-Z (100V/70V) and low-Z (4Ω/8Ω)**
- **Multiple inputs (three mics/lines, two lines, two stereo/line inputs, tel in, usb) and a feature for controlling the volume of each channel**
- **EXT in and MIX out**
- **Displaying input signal LED by channel and output LED level**
- **Tone(bass/treble) controlling**
- **A switch for selecting 5 switches (zone selection switch)**
- **Broadcasting in priority**
TEL IN > INPUT 1 > INPUT 2 = INPUT 3 = INPUT 4 = INPUT 5 = INPUT 6
- **External mute and external chime**
- **Chime and siren**

PA-206/212/224 FRONT/REAR PANEL



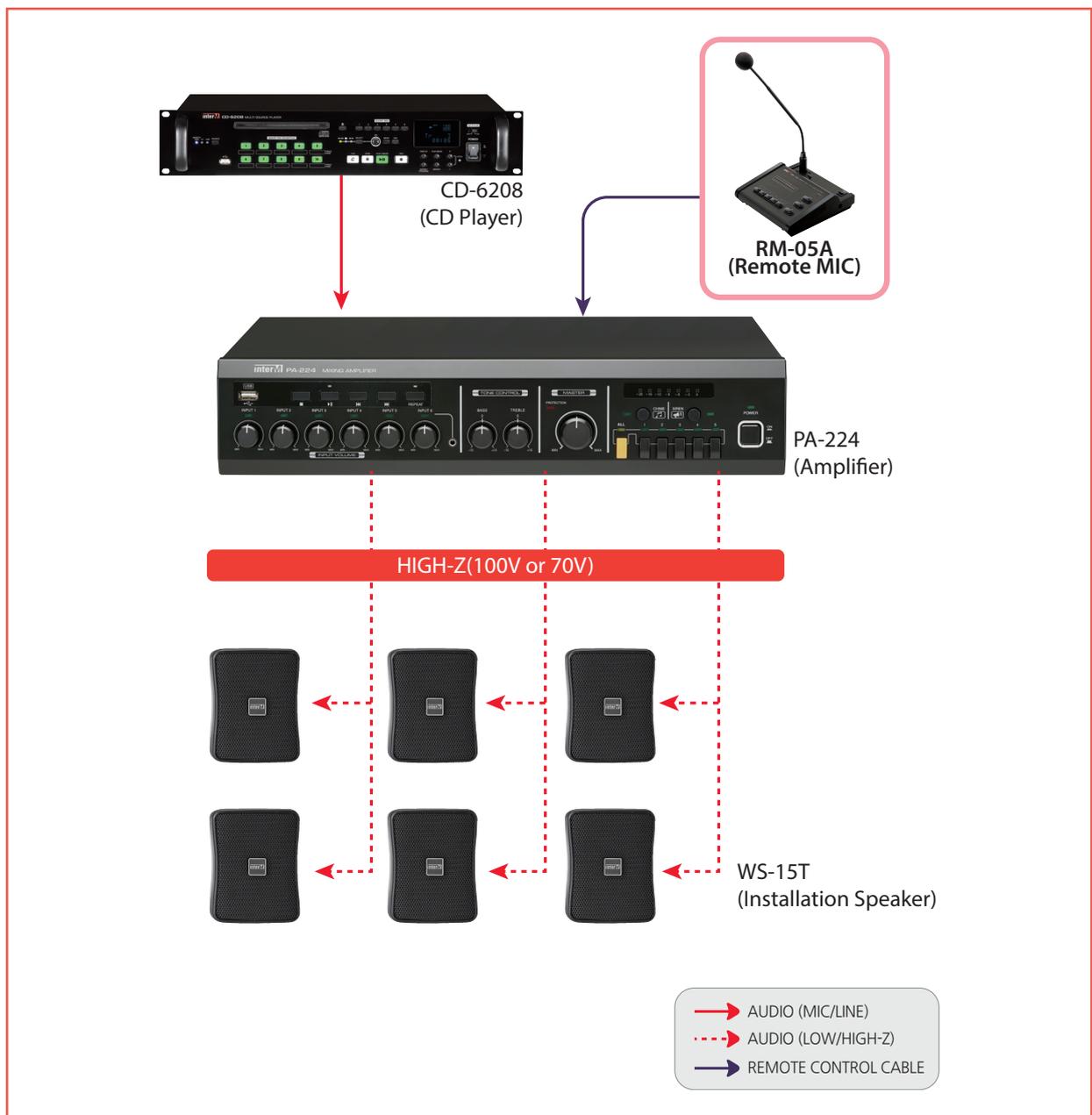
- | | |
|--------------------------------|-----------------------------------|
| 1 INPUT VOLUME CONTROLLER | 8 POWER SWITCH |
| 2 INPUT SIGNAL INDICATOR | 9 POWER INDICATOR |
| 3 CHIME SWITCH | 10 SPEAKER SELECTION SWITCH |
| 4 SIREN ON/OFF SWITCH | 11 OUTPUT LEVEL INDICATOR |
| 5 TONE CONTROLLER | 12 AUX INPUT TERMINAL |
| 6 PROTECTION CIRCUIT INDICATOR | 13 USB-A (MEMORY) SLOT |
| 7 MAIN VOLUME CONTROLLER | 14 USB PLAY MODE SELECTION BUTTON |



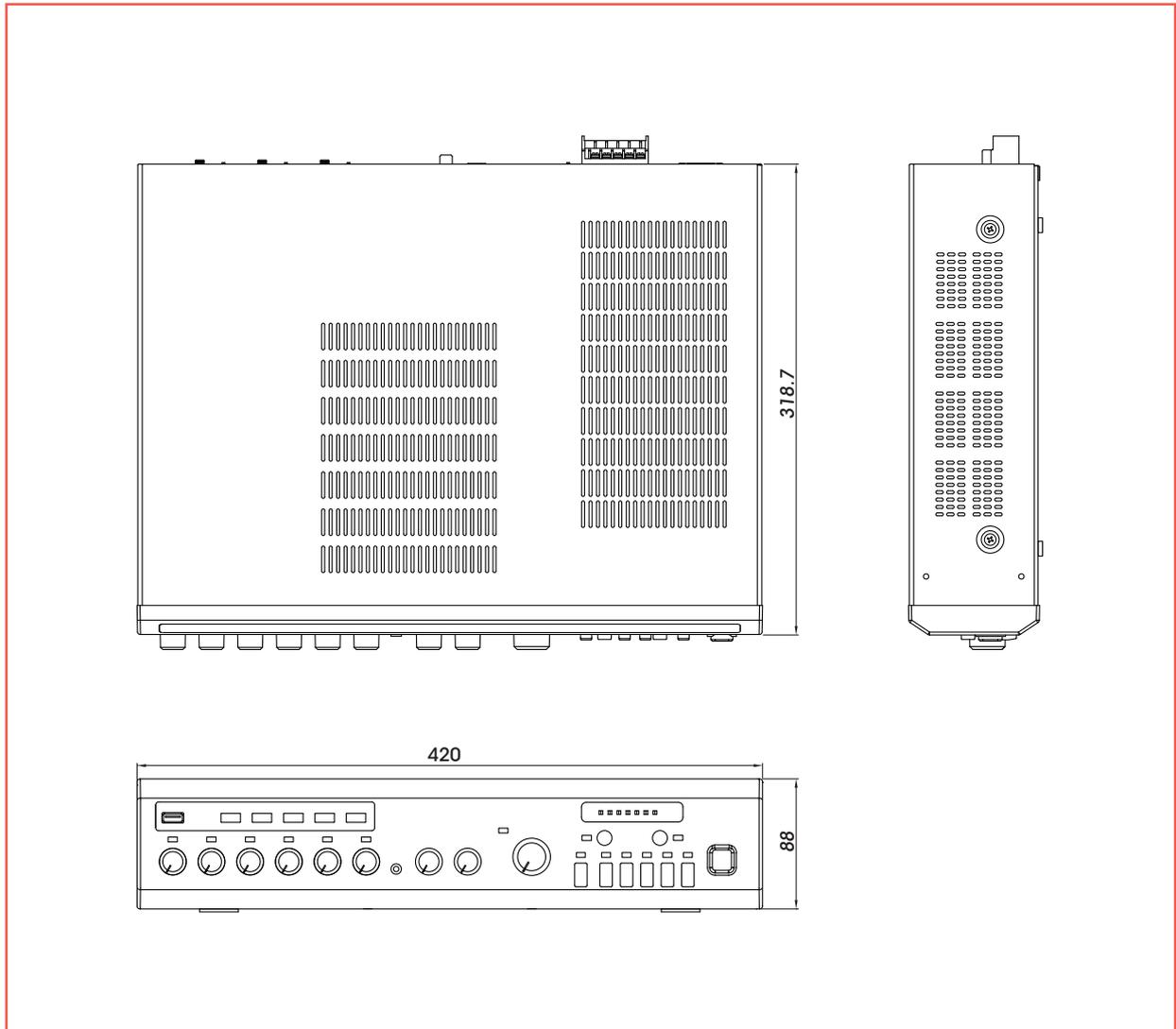
- | | |
|--|--|
| 1 AC INPUT | 8 SPEAKER OUTPUT TERMINAL |
| 2 TEL IN VOLUME CONTROLLER | 9 IMPEDANCE SELECTION SWITCH |
| 3 TEL IN PRIORITY CONTROL VOLUME (TEL IN MUTE) | 10 TEL IN INPUT TERMINAL |
| 4 MIX OUTPUT (MIX OUT) TERMINAL | 11 EXTERNAL INPUT (EXT IN) TERMINAL |
| 5 RM-05A CONNECTION TERMINAL | 12 INPUT 1~6 |
| 6 EXTERNAL CHIME (EXT CHIME) SWITCH TERMINAL | 13 PRIORITY CONTROL VOLUME (PRIORITY MUTE) |
| 7 EXTERNAL MUTE SWITCH TERMINAL | |

PA-206/212/224 APPLICATION

*Application for commercial
audio environment like cafe
or retail store*



PA-206/212/224 DRAWING



Related Products

RM-05A(Remote MIC)

- * Broadcasting alarm sound and mic TALK function
- * Broadcasting area selection
- * Mic broadcasting
- * Output level meter
- * MUTE function for CHIME out



PA-206/212/224 SPECIFICATIONS

		PA-206	PA-212	PA-224	
Output Power (1kHz, THD. 1%)		15.5V(4Ω)	31V(8Ω)	31V(4Ω)	
		70V(82Ω)	70V(41Ω)	70V(21Ω)	
		100V(167Ω)	100V(84Ω)	100V(42Ω)	
S/N	MIC	50dB			
	RCA, 3.5Φ PHONE JACK	70dB			
	LINE, TEL IN	70dB			
Input Sensitivity / Impedance	MIC (BALANCE)	-70dBu /2kΩ			
	LINE (BALANCE)	-20dBu /2kΩ			
	RCA (UNBALANCE)	-20dBu /2kΩ			
	3.5Φ PHONE JACK (UNBALANCE)	-10dBu /10kΩ			
	TEL IN (BALANCE)	-20 ~ 0dBu/10kΩ			
	EXT IN (BALANCE)	0dBu /20kΩ			
	MIX OUT (BALANCE)	0dBu /10kΩ			
THD+N	Rated Power(1kHz)	Less than 1%			
Tone Control	BASS(100Hz)	±10dB			
	TREBLE(10kHz)	±10dB			
Frequency Response (1W,±3dB,Low-Z)	LINE	70V	80Hz-17kHz	80Hz-15kHz	80Hz-17kHz
		100V	80Hz-17kHz		
	MIC	100Hz-15kHz			
Operating Temperature		-10°C~+40°C			
Operating Power		AC 120V, 60Hz or AC 230V, 50Hz or AC 240V, 50Hz			
Power Consumption (1/8W)		40W	60W	90W	
Weight (Set)		6.25kg/13.8lb	7.32kg/16.1lb	9.75kg/21.5lb	
Dimensions (Set)		420(W) x 88(H) x 318.7(D)mm/16.5(W) x 3.5(H) x 12.5(D)in			



MEMO

Inter-M Corp. (IMK)



719, Dobong-ro, Dobong-gu, Seoul, Korea
Overseas Sales Team

Tel_ +82-2-2289-8141~7 Fax_ +82-2-2289-8149 E-mail_ overseas@inter-m.com

www.inter-m.net

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

2021.12. V2