



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.

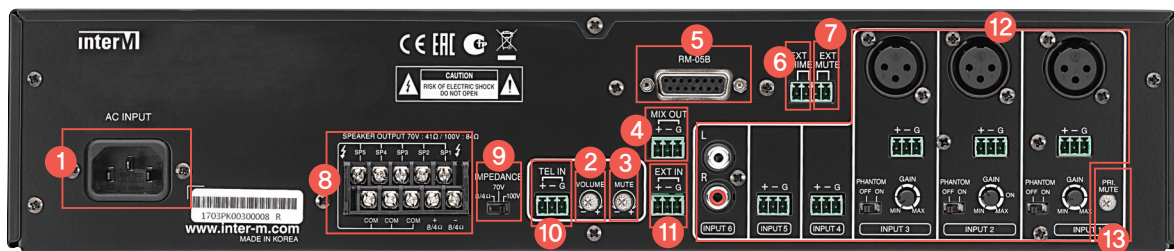
FEATURE

- **CLASS-D Amplifiers having 60W/120W/240W of output**
PA-206 : 60W, PA-212 : 120W, PA-224 : 240W
- **hgh-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



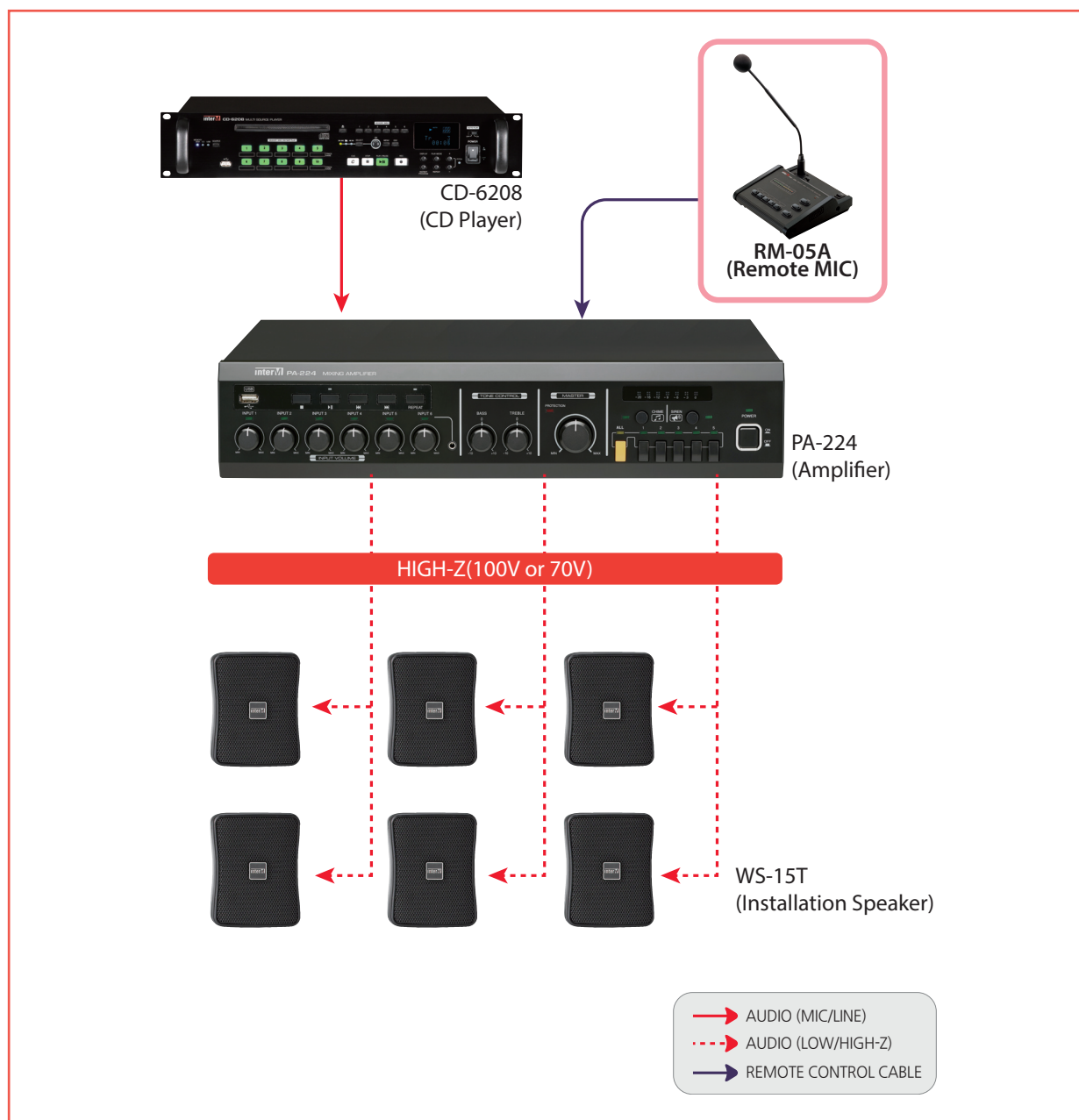
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|--------------------------------|-----------------------------------|
| 1 INPUT VOLUME CONTROLLER | 8 POWER SWITCH |
| 2 INPUT SIGNAL INDICATOR | 9 POWER INDICATOR |
| 3 CHIME SWITCH | 10 SPEAKER SELECTION SWITCH |
| 4 SIREN ON/OFF SWITCH | 11 OUTPUT 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 |



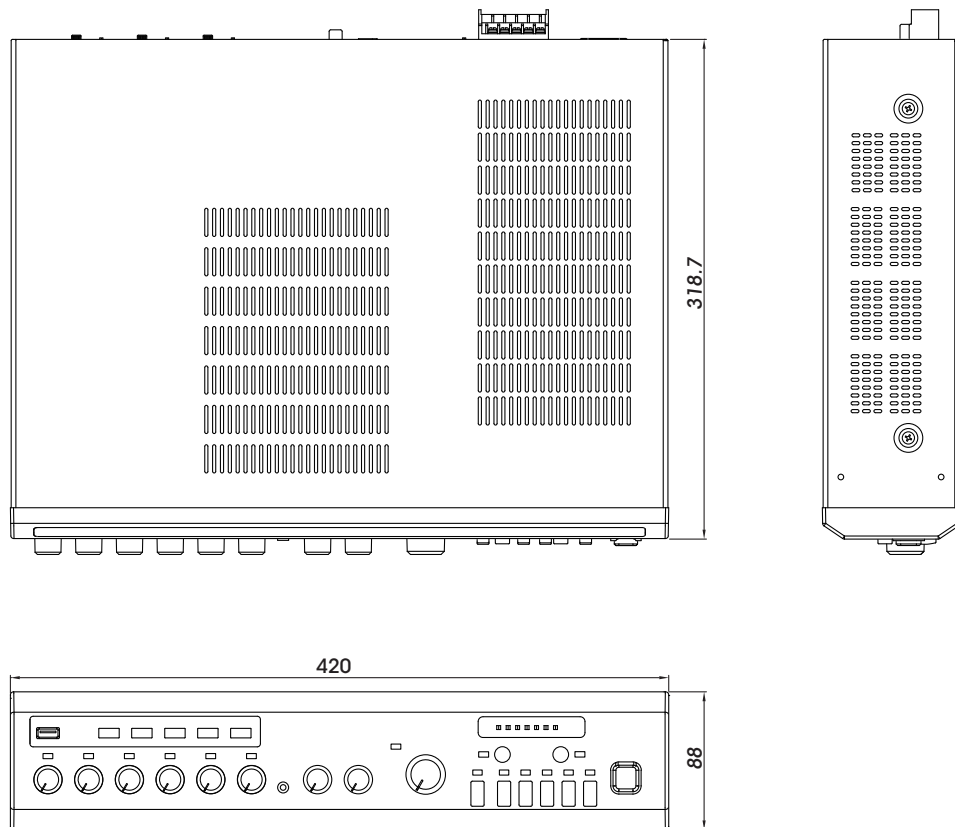
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| 1 AC INPUT | 8 SPEAKER OUTPUT TERMINAL |
| 2 TEL IN VOLUME CONTROLLER | 9 IMPEDANCE SELECTION SWITCH |
| 3 TEL IN PRIORITY CONTROL VOLUME (TEL IN MUTE) | 10 TEL IN INPUT TERMINAL |
| 4 MIX OUTPUT (MIX OUT) TERMINAL | 11 EXTERNAL INPUT (EXT IN) TERMINAL |
| 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)		-70dB _u /2kΩ		
	LINE (BALANCE)		-20dB _u /2kΩ		
	RCA (UNBALANCE)		-20dB _u /2kΩ		
	3.5Φ PHONE JACK (UNBALANCE)		-10dB _u /10kΩ		
	TEL IN (BALANCE)		-20 ~ 0dB _u /10kΩ		
	EXT IN (BALANCE)		0dB _u /20kΩ		
	MIX OUT (BALANCE)		0dB _u /10kΩ		
THD+N	Rated Power(1kHz)		Less than 1%		
Tone Control	BASS(100Hz)		±10dB		
	TREBLE(10kHz)		±10dB		
Frequency Re- sponse (1W,±3dB,Low-Z)	LINE	70V	80Hz-17kHz	80Hz-15kHz	80Hz-17kHz
		100V	80Hz-17kHz		
	MIC		100Hz-15kHz		
Operating Temperature			-10℃~+40℃		
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



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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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