



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

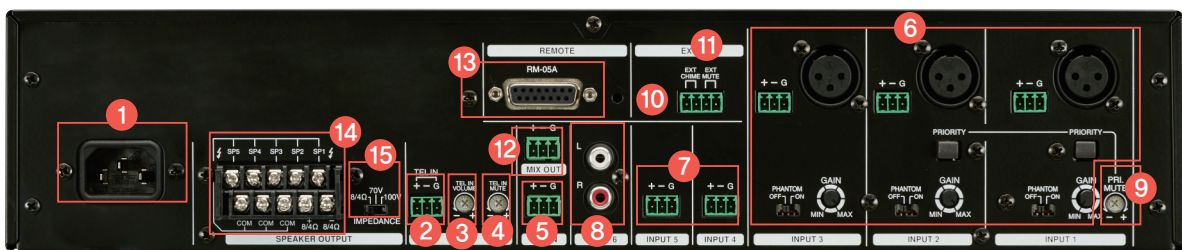
- **CLASS-D Amplifiers having 60W/120W/240W of output**  
PA-206 : 60W, PA-212 : 120W, PA-224 : 240W
- **high-Z (100V/70V) and low-Z (4Ω/8Ω)**
- **Multiple inputs (three mics/lines, two lines, two stereo/line inputs, tel in, usb) and a feature for controlling the volume of each channel**
- **EXT in and 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



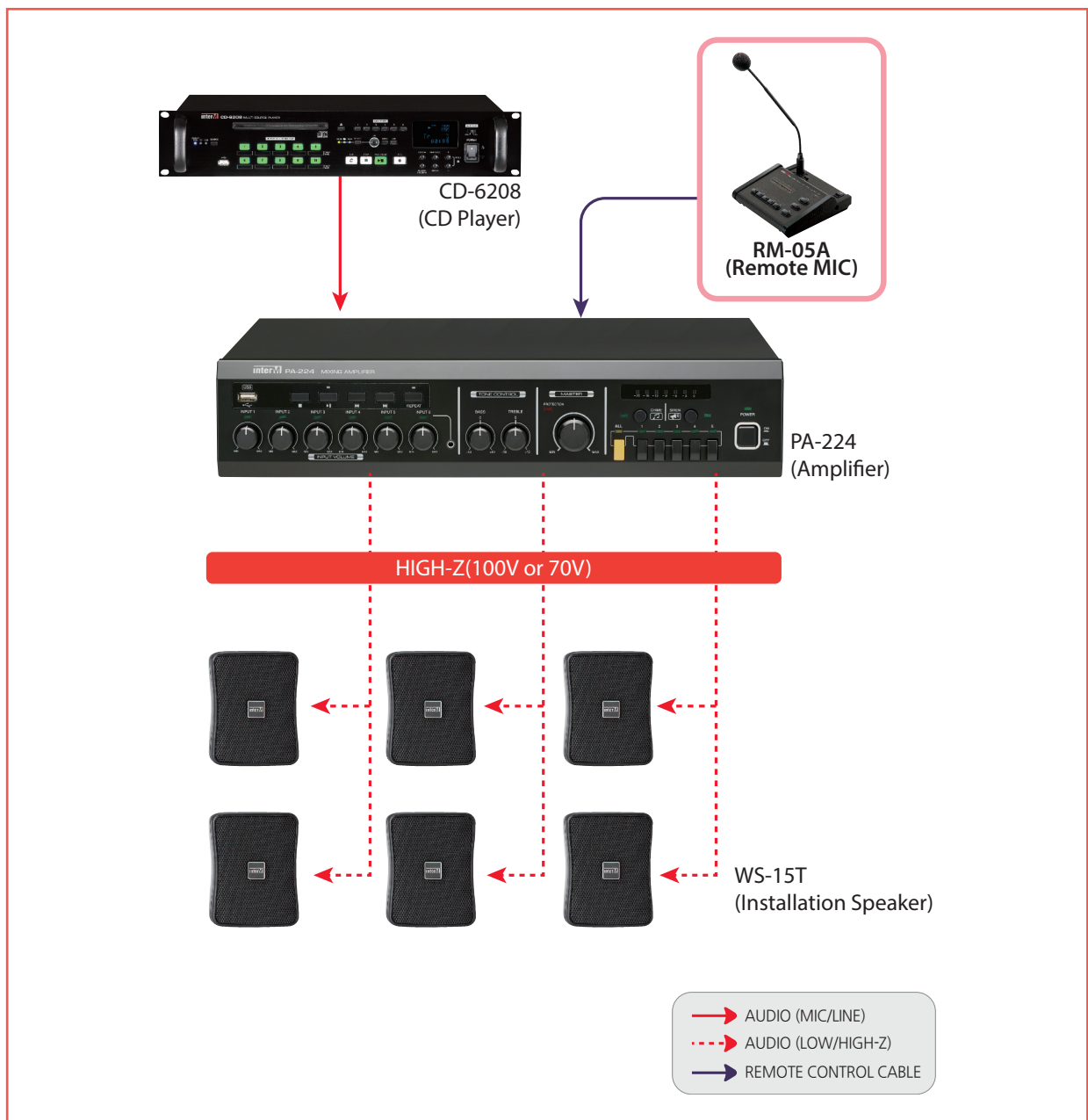
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|--------------------------------|-----------------------------------|
| 1 INPUT VOLUME CONTROLLER      | 8 POWER SWITCH                    |
| 2 INPUT SIGNAL INDICATOR       | 9 POWER INDICATOR                 |
| 3 CHIME SWITCH                 | 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 |



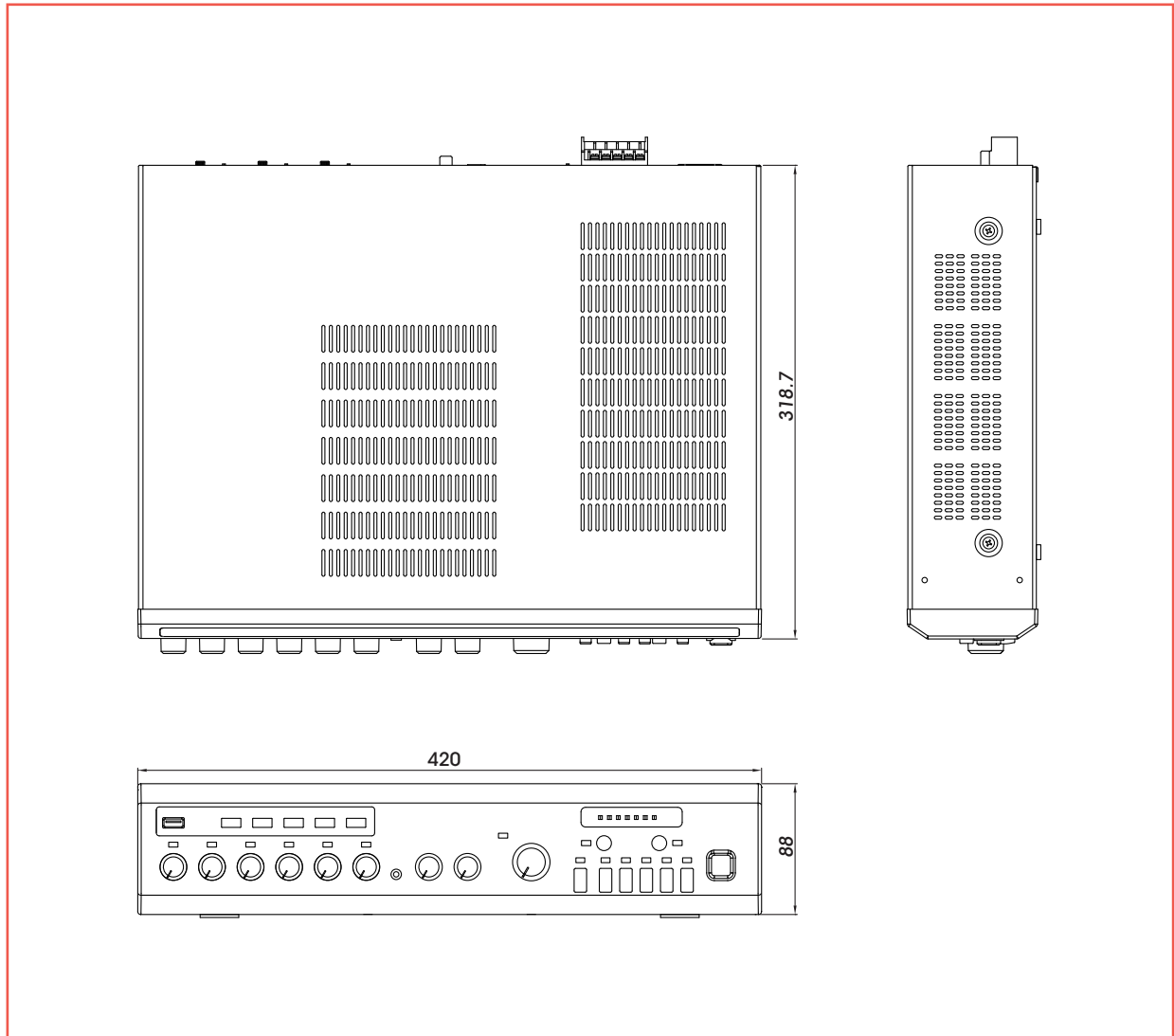
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|--|---|
| 1 AC INPUT                                     | 9 PRIORITY CONTROL VOLUME (PRIORITY MUTE)     |
| 2 TEL IN INPUT TERMINAL                        | 10 EXTERNAL CHIME (EXT CHIME) SWITCH TERMINAL |
| 3 TEL IN VOLUME CONTROLLER            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

# 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	7.32kg	9.75kg	
Dimensions (Set)		420(W) x 88(H) x 318.7(D)mm			



**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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