

USB MP3 MIXING AMPLIFIER

# MA-206U/212U/224U



**interM**

# New Standard of the USB MP3 Mixer Amplifier



## MP3 / WAV / WMA

The MP3, WMA and WAV files stored in USB memory can be played when USB memory is inserted into USB jack in the front panel which means the music can be played without a external sound equipment such as CD Player.



## OLED Display

Using OLED Display for MP3 status display, it can be clearly display the file name and operation status informations in the bright spot.



## Multiple inputs and outputs

5 Microphone input included with 3 XLR and 2 PHONO Type and 1 RCA input. LINE-IN terminal which allows to use a output source of external device. LINE-OUT terminal that connects mixed output to external equipment. AMP-IN terminal that connects external equipment such as the effector.

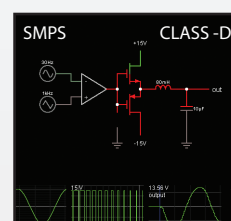


## 5-Band Equalizer

With 5-Band Equalizer on the front panel, it can be immediately adjusted without accessing into the menu.

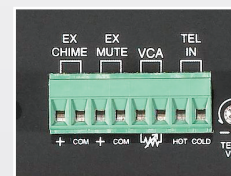
## Lighter, Thinner, Lower

SMPS-Switch mode power supply provides high efficiency and low weigh. Among their advantages is their reduced physical size and lower heat dissipation. SMPS offer power efficiency and reduced power consumption over traditional amplifiers.



## VCA (Voltage Controlled Amp)

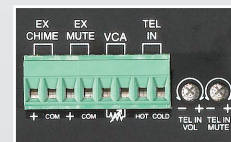
The master volume can be remotely controlled by using a VCA terminal.



## Stick to the basics.

MA-206U Series supports the basic features such as chime, TEL IN, the outside chime and external MUTE function.

In addition, the user can set the volume level of high-priority broadcast at MIC1 / 2, chimes and TEL-IN



## Features //

### - A PUBLIC ADDRESS AMPLIFIER WITH RATED OUTPUT OF 60W/120W/240W

Take up the digital amplifier circuit with high efficiency of the rated power 60W/120W/240W, high reliability, low weight and low temperature.

### - SUPPLY POWER BY SMPS

SMPS

Take up smps (switching mode power supply) for low electric power and low weight.

### - VARIOUS INPUT CONTROL FUNCTION

Control the each input channel level using the sound control volume of input 1~6.

CLASS -D

### - INPUT SIGNAL LEDS

Easy to check the inputted signal to input 1~6.

### - 5 BAND GRAPHIC EQUALIZER

This system is provided the 5 bands equalizer.  
You can control the tone each frequency by using them.

### - SPEAKER SELECTOR

6 Speaker selector switches are provided to enable you to select 5 speakers individually or totally.

### - ANNOUNCEMENT CHIME AND SIREN

### - VCA(VOLTAGE CONTROLLED AMPLIFIER)

### - EXT MUTE, EXT CHIME AND TEL IN FUNCTION

### - 10-DOT LED LEVEL METER

### - USB-MP3 PLAYER & LCD DISPLAY FUNCTION (MP3, WAV, WMA FILE FORMAT SUPPORT)



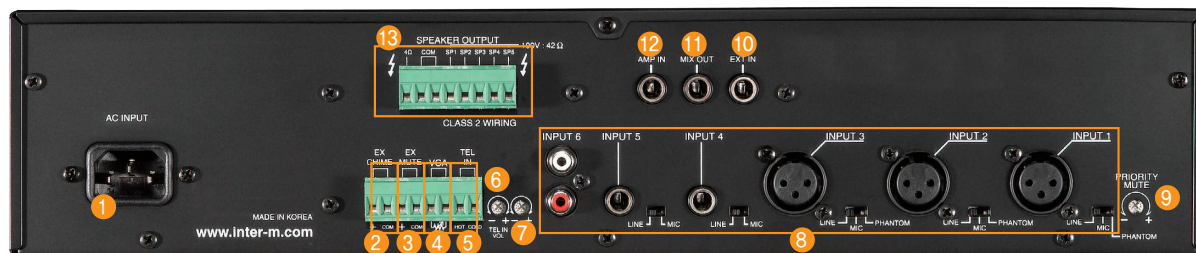


## Front / Rear

- |                        |                   |                     |                   |             |
|------------------------|-------------------|---------------------|-------------------|-------------|
| ① Input Volume Control | ④ Amp Protect LED | ⑦ 5-Band Graphic EQ | ⑩ Level Indicator | ⑬ AUX Input |
| ② Input Signal Display | ⑤ Chime Switch    | ⑧ Power Switch      | ⑪ Power LED       |             |
| ③ Main Volume          | ⑥ Siren Switch    | ⑨ Zone Selector     | ⑫ USB-MP3         |             |



- |                           |                      |                                  |           |                           |
|---------------------------|----------------------|----------------------------------|-----------|---------------------------|
| ① AC Power Inlet          | ④ VCA Terminal       | ⑦ TEL IN Priority Volume Control | ⑩ EXT IN  | ⑬ Speaker Output Terminal |
| ② External Chime Terminal | ⑤ TEL IN Terminal    | ⑧ INPUT 1~6 Terminal             | ⑪ MIX OUT |                           |
| ③ External Chime Terminal | ⑥ TEL IN Mute Volume | ⑨ Priority Volume Control        | ⑫ AMP IN  |                           |



## Related Product



RM-01



RMC-01

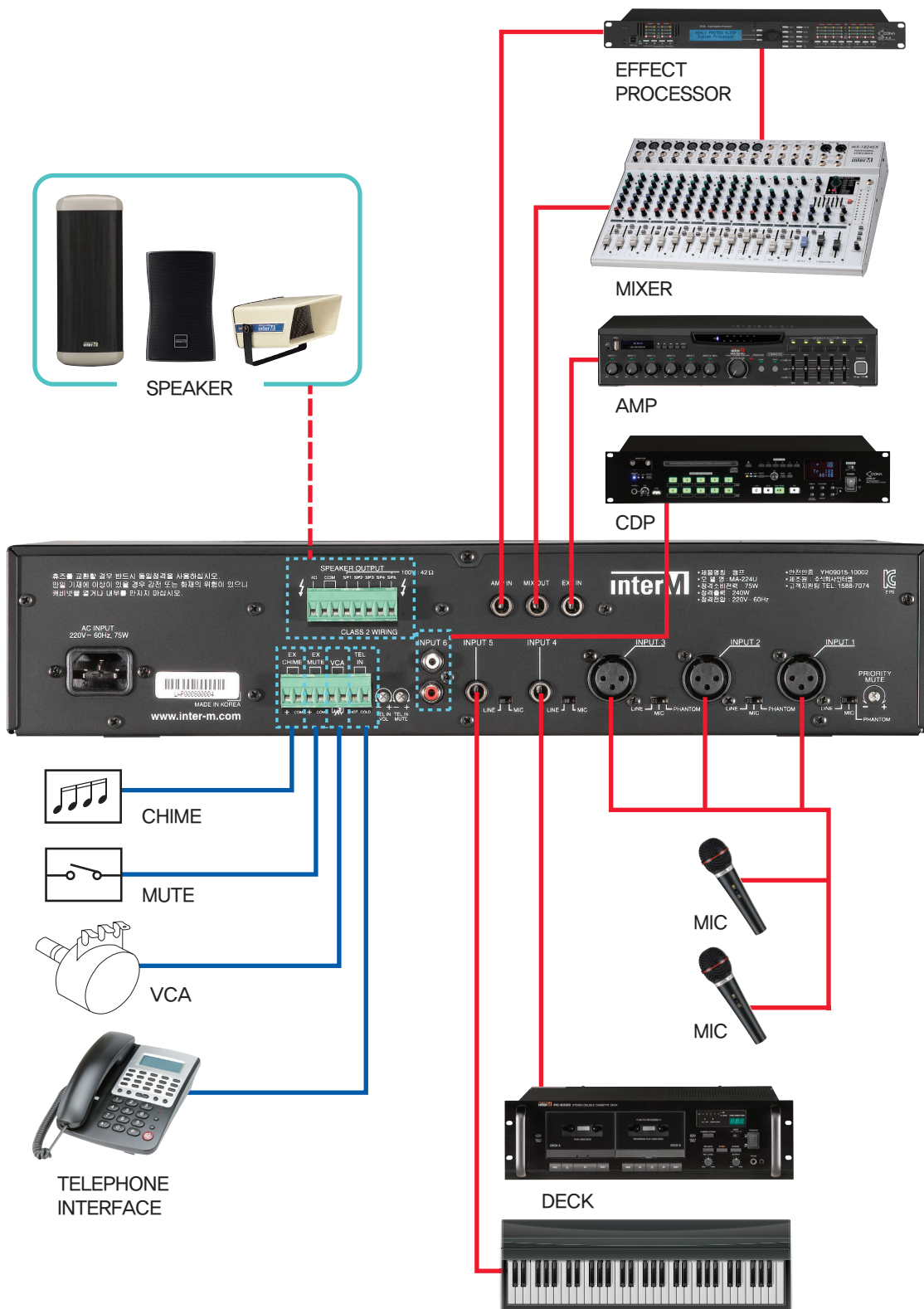


CI-40T/60T



GS-50NB/50NW

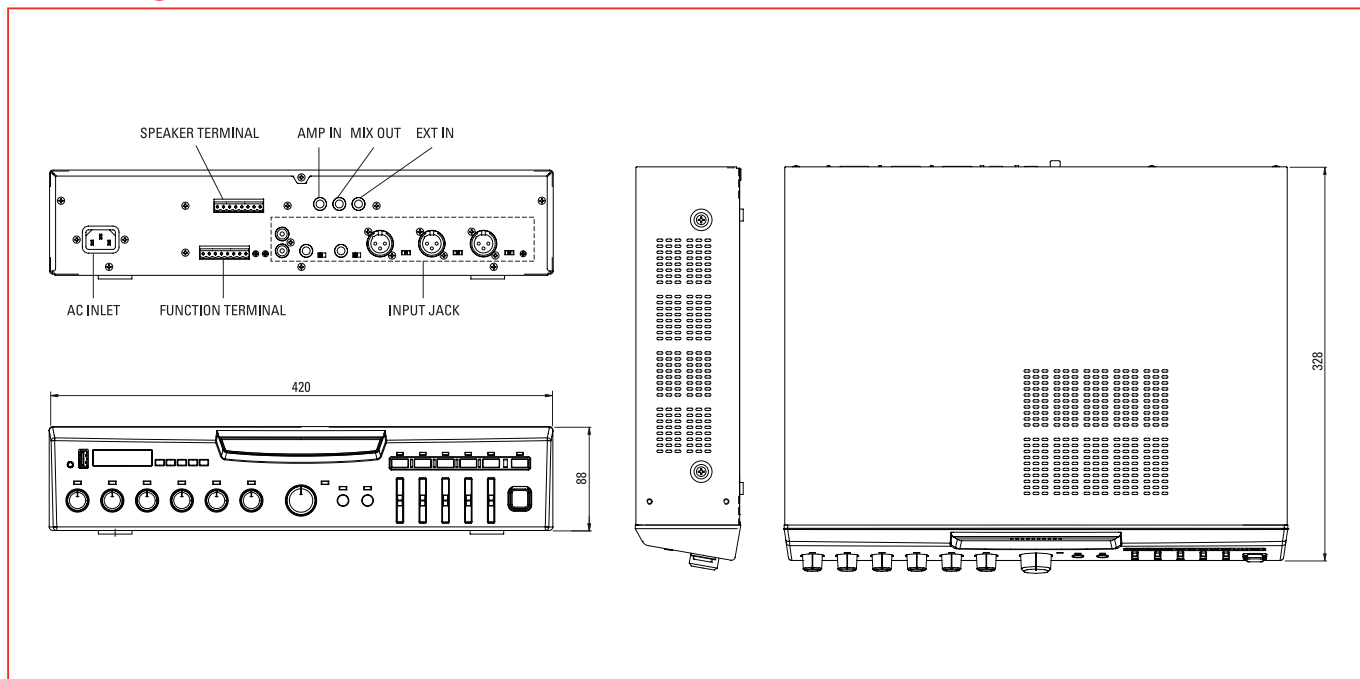




## Specifications

		MA-206U	MA-212U	MA-224U
Rated Output (RMS)		60W	120W	240W
Frequency Response (SP OUT/1W output)		80Hz - 15kHz		
Total Harmonic Distortion (T.H.D @ Rated output, 1kHz)		Less than 0.5%		
Signal to Noise Ratio (S/N @ Rated output)		Better than 78dB		
Graphic Equalizer (100Hz,330Hz,1kHz,3.3kHz,10kHz)		± 12dB		
Input Sensitivity / Impedance				
Input 1~5	MIC	-50dBu / 2kΩ		
	LINE	-10dBu / 2kΩ		
Input 6		-10dBu / 10kΩ		
Tel in		0dBu / 10kΩ		
Ext in		0dBu / 20kΩ		
Amp in		0dBu / 47kΩ		
Mix out / Impedance		0dBu / 10kΩ		
Speaker out / Impedance	LOW-Z	15.5V / 4Ω	22V / 4Ω	31V / 4Ω
	HIGH-Z	70V / 82Ω	70V / 41Ω	70V / 21Ω
Operating Temperature		-10℃ ~ +40℃		
Power Source		100-120VAC; 50/60Hz		
Power Consumption		38W	50W	75W
Weight (SET)		5.4kg/11.9lbs.	6.7kg/14.8lbs.	8.0kg/17.6lbs.
Dimension (SET)		420(W) x 88(H) x 328(D)mm/16.5(W)x3.5(H)x12.9(D)in		

## Drawings









**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.com](http://www.inter-m.com)

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

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