

Public Address Amplifier

MA-106



PUBLIC ADDRESS AMPLIFIER



OVERVIEW

MA-106 is 1U size Compact SMPS PA Mixer Amplifier optimized in a small place such as the classroom, training center, restaurant, and Cafe for BGM playback and public address.

Adopting high efficiency digital Amp Circuit, it realized high reliability, light weight, and low heat.

Besides there are two choices to select MIC or Line input depending on the usage environment.

With equipment of Voice control function, Mute priority function and phantom power microphone, it can be conveniently used in a wide variety of environments.

FEATURES

1U Size Compact Design

With 1U size compact design and function, it is available to fulfill easy installation, and product management.

Adoption of digital Amp Circuit

Adopting rated output 60W High Efficiency Digital Amp Circuit, it shows high reliability, light weight and low heat.

SMPS Power supplying Circuit

With adoption of stable SMPS Power Circuit, it realized low power and light weight.

Bass and Treble Controls

With the use of Bass and Treble Controller depending on frequency, it enables to adjust the sound tone in accordance with the surrounding and user's preference.

Various additional features

It allows of convenient use with various additional features such as Phantom microphone power, TEL IN, External Mute, etc.

External MUTE function

External MUTE function is for external control and can be combined with an emergency broadcast.



Building, station, etc.



Seminar rooms, lecture halls



Training institutes



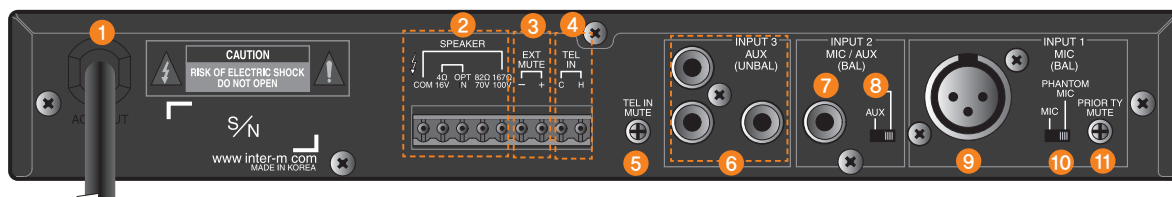
Kindergarten.

FEATURES OF FRONT AND REAR PANEL

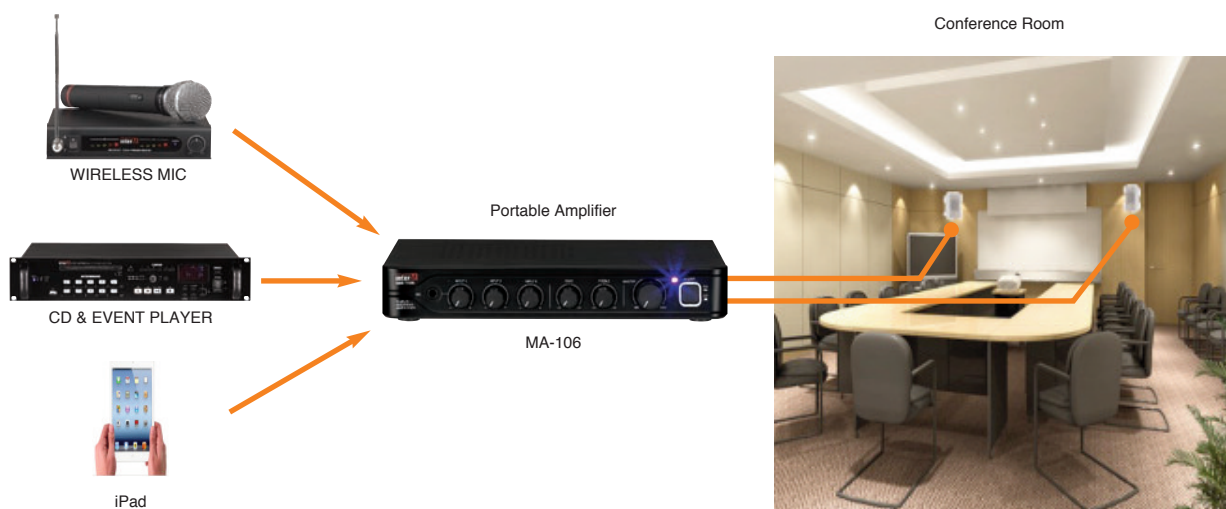
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|----------------------------|----------------------------|
| 1 INPUT 2 inputs | 5 Main volume control |
| 2 Display the input signal | 6 Power Input Indicators |
| 3 Input volume control | 7 Power Switch (PUSH TYPE) |
| 4 tone regulator | |



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|---------------------------------------|---|
| 1 Power Cord | 7 INPUT 2 inputs terminals |
| 2 Speaker OUTPUT connection terminals | 8 INPUT 2 signal selection switch |
| 3 External MUTE control terminal | 9 INPUT 1 input terminals |
| 4 TEL IN input | 10 INPUT 1 phantom microphone selector switch |
| 5 TEL IN priority control volume | 11 INPUT 1 priority control volume |
| 6 INPUT 3 input terminals | |



APPLICATIONS



Specifications

MA-106		
Rated output		60W
Speaker Output / Impedance		15.5V/4 Ω , 70V/82 Ω , 100V/167 Ω
Sensitivity / Impedance	INPUT 1	-50dBV / 2k Ω
	INPUT 2(MIC)	-50dBV / 2k Ω
	INPUT 2(LINE)	-10dBV / 20k Ω
	INPUT 3	-10dBV / 10k Ω
	TEL IN	0.775V / 600 Ω
Frequency Response		80Hz ~ 15kHz
THD		Less than 1% at 60W
Signal-to-Noise ratio	INPUT 1, 2	Better than 60dB
	INPUT 3, TEL IN	Better than 70dB
Tone control	BASS (100Hz)	$\pm$ 12dB
	TREBLE (10kHz)	$\pm$ 12dB
Operating Temperature		-10°C ~ +40°C
Power source		AC100V-120V/220V-240V, 50/60Hz
Power Consumption		24W
Weight(SET)		3.0kg
Dimension(SET)		300(W) x 44(H) x 230(D)mm