

Public Address Amplifier

MA-106A



PUBLIC ADDRESS AMPLIFIER



OVERVIEW

MA-106A is Public Address Amplifier which can be used conveniently in a small complex where needs amplification of BGM playback and voice such as a lecture room, training institute, restaurant, cafe with 1U size compact design and function. The main feature is high reliability, low weight, and low heating through high efficient digital amp circuit. MIC or Line input is available depends on operating environment. There is a built-in 1W AMP output separately with 60W Main Amp Output. Also, there are bass and treble controls, MUTE priority function, Phantom Mic Power to make high convenience in diverse environment. Lastly, it's possible to reduce standby power effectively by automatically converting to Master System Standby Mode without input signal for 25 Min.

FEATURES

1U Size Compact Design

Easy installation and product operation with 1U Size Compact Design and function.

Digital Amp Circuit

60W High Efficiency Digital Amp Circuit/ High reliability, Low weight, Low heating

SMPS Power Circuit

Low power and weight through stable SMPS Power Circuit

Separate 1W AMP output

Built-in 1W AMP output separately with 60W main amp output

Built-in Mix Configuration Dip switches which is possible to set up diverse function

Connection each input, MUTE PRIORITY Function, Phantom Mic Power.

Master System Standby Mode

Without input signal for 25 Min, automatically converted to Master System Standby Mode.



Cafe, A clothing store,
Building Lobby



Seminar room,
lecture room, etc



Day care center,
Kindergarten, etc



Amusement park,
spa, etc

FRONT/REAR PANEL

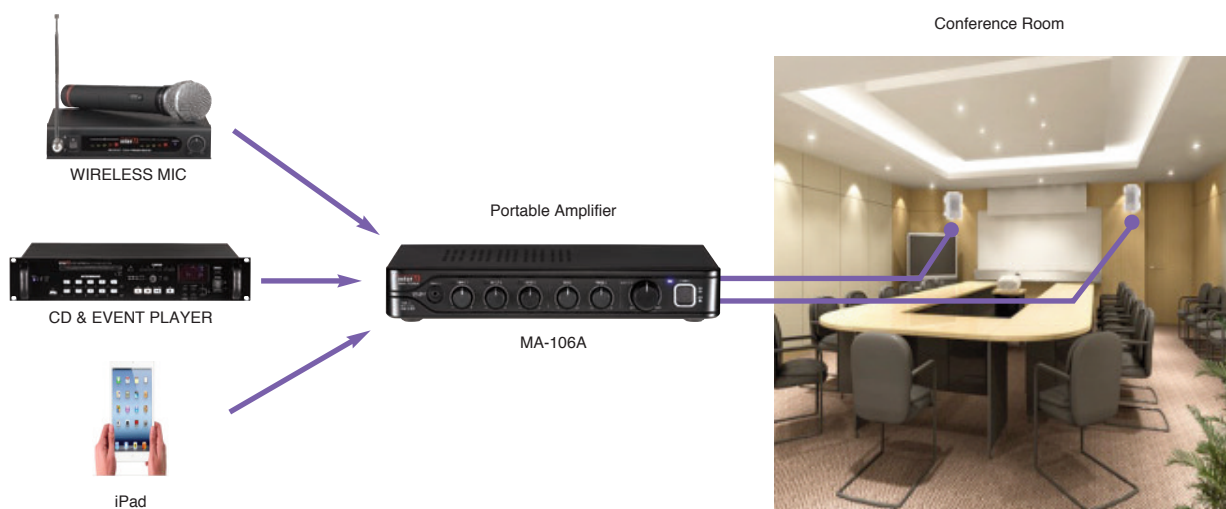
- 1 INPUT 2 JACK
- 2 INPUT SIGNAL LETDS
- 3 INPUT LEVEL CONTROLS
- 4 BASS AND TREBLE CONTROLS
- 5 MASTER VOLUME CONTROL
- 6 POWER LED
- 7 POWER SWITCH



- 1 POWER CORD
- 2 SPEAKER OUTPUT
- 3 ZONE2 AND PREAMP OUTPUT
- 4 ZONE 2 OUTPUT CONTROL
- 5 MIX CONFIGURATION DIP SWITCH
- 6 INPUT 3 JACK
- 7 INPUT 3 GAIN CONTROL
- 8 INPUT 2 JACK
- 9 INPUT 2 GAIN CONTROL
- 10 INPUT 1 JACK
- 11 INPUT 1 GAIN
- 12 MANUAL MUTE CONTACT CLOSURE MASTER SYSTEM STANDBY



APPLICATIONS



Specifications

MA-106A		
Rated Output Power (T.H.D 1%)		60W (RMS)
Output Voltage / Impedance		4 Ω /16V, 8 Ω /70V, 16 Ω /100V
Frequency Response (1W@1kHz)	Input 1, 2, 3	+1/-3dB, 80Hz-15kHz
T.H.D (60W@1kHz)		Less Than 1%
S/N Ratio (60W@1kHz A-weighted)	Input 1, 2, 3	Better Than 70dB
Input Sensitivity	Input 1	-10dBV to -50dBV
	Input 2, 3	0dBV to -20dBV
Tone Control	Bass (100Hz)	$\pm$ 10dB
	Treble (10kHz)	$\pm$ 10dB
Residual Noise (Input 1-3 vol min, tone at center)		Master Volume Min : -65dB / Master Volume Max : -55dB
Zone 2 Output		Rated Output Power 8 Ω (RMS, THD 3%) : 1W / Bal 600 Ω : 2.4V
Pre Out Output (-10dBV Input)		0dBV
Mix Configuration Switches	SW1	Zone 2 Assign Input 1
	SW2	Zone 2 Assign Input 2
	SW3	Zone 2 Assign Input 3
	SW4	VOX Trigger Input 1
	SW5	VOX Trigger Input 2
	SW6	Mute Link Input 2 & 3
	SW7	Low-Cut, 400Hz 6dB/Oct.
	SW8	Input 1 Phantom Power, +18V
Manual Mute Contact Closure		Pin 1 & G (Same as operating status of Input 1 Mute Trigger)
Master System Standby Contact Closure		Pin G & 2 (Same as Power Standby mode status)
Operating Temperature		-10°C ~ +40°C
Power Source		AC100V-120V/220V-240V, 50/60Hz
Power Consumption		24W
Weight(Set)		3.1kg
Dimension(Set)		300(W) x 44(H) x 230(D)mm