



## MIXING AMPLIFIER

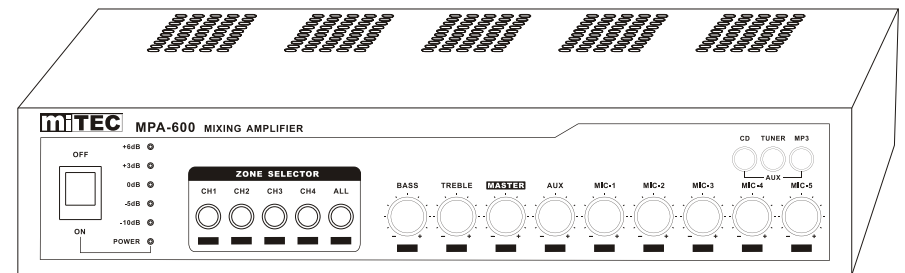
**MPA-600**

**MPA-900**

**MPA-1200**

## USER MANUAL

**(Read the instruction carefully before Operation)**



## MPA-1200 Location and Function of Controls

### ( For Rear Panel)

#### 1. Balance & Unbalance Input Signal

Different standard of microphone input switch. Balance input for CONDENSER microphone, unbalance input for DYNAMIC microphone.

#### 2. Input Microphone (XLR Jack)

4 or 5 Input jack, suitable for Condenser or Dynamics.

#### 3. Input Microphone(6.3mm Mic. Jack)

1~3 input microphone terminal, suitable for Dynamics.

#### 4. DC 24V Terminal

For DC 24V battery

#### 5. Line-In Terminal

This terminal is Connected to another Amplifier or Mixer.

#### 6. Speaker Output Terminal

100V, 70V, or 50V, output for Hi-impedance and 8Ω output for Lo-impedance system.

#### 7. Speaker Zone Terminal

Select which channel and zone for broadcasting.

#### 8. AC Power Source Plug (Including Fuse)

#### 9. Line Output(RCA Jack)

#### 10. Record Output (RCA Jack)

#### 11. Auxiliary Input (RCA Jack)

For CD, Tuner, or MP3.

#### 12. Priority Microphone Switcher for Broadcasting (ON /OFF)

#### 13. AC Power Input Select Switch

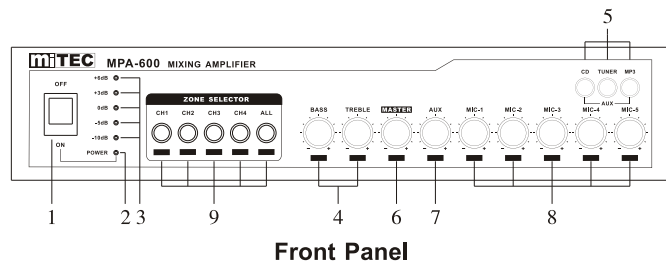
## Important Safeguard

- ❑ Keep this unit away from the location where it is likely to be exposed to high temperature, Humidity, near radiator, stoves, water, etc.
- ❑ When in operation, do not touch the speaker cable from the connection terminal.
- ❑ Before operating this product, please read this manual thoroughly and retain it for future reference.
- ❑ This unit should be operated only from the type of power source indicated on the marking label.
- ❑ Do not attempt to service this product yourself, Refer all servicing to qualified service personnel.
- ❑ Make sure that each volume controls are turned down before this unit turns on the power source. This prevents to damage it and the speakers.
- ❑ When the power source turns on, do not touch the rear panel terminal or switch any cable. If necessary, turn off the power source first.

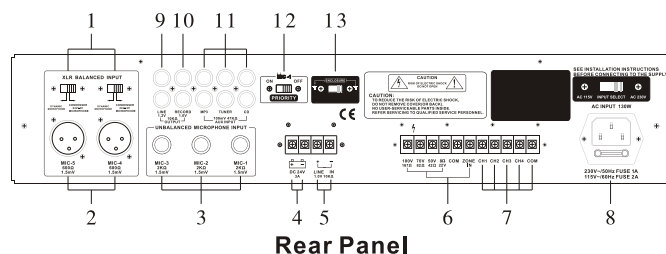
### Features

- ❑ 5 Microphone Inputs, First Microphone Takes Priority Of Broadcasting
- ❑ The Individual Microphone Volume Controller
- ❑ An Auxiliary Input Jack For CD, Tuner And Tape
- ❑ 4 Zones Speaker Selector
- ❑ High/Low Impedance Output
- ❑ Volume Level Output Controller
- ❑ Line Record Output Terminal
- ❑ Input DC 24V
- ❑ Balance & Unbalance Microphone Input

## MPA-600/900 Location and Function of Controls

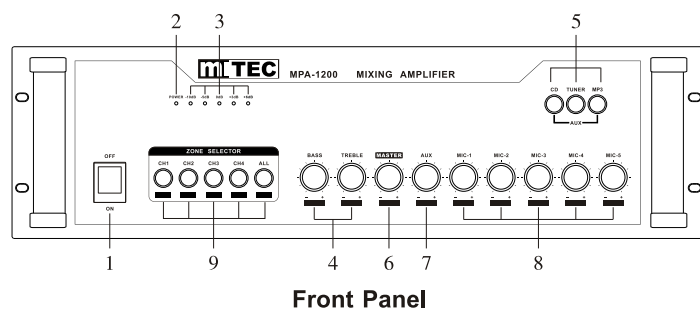


Front Panel

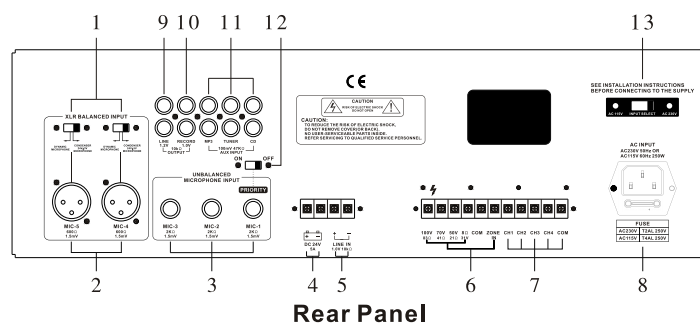


Rear Panel

## MPA-1200 Location and Function of Controls



Front Panel



Rear Panel

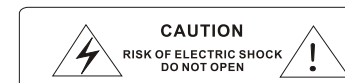
## MPA-1200 Location and Function of Controls

( For Front Panel)

1. Power Switch
2. Power Indicator
3. Output Level Indicator  
Providing output level for all outputs.
4. Tone Controller  
Control Bass & Treble Level.
5. Auxiliary Selection  
Able to select CD, Tuner or Tape.
6. Master Volume Level Controller  
Controls all volume levels.
7. Auxiliary volume controller  
Control volume level of auxiliary.
8. Microphone 1,2,3,4,5 Volume Level Controller  
Control volume level of microphone.
9. Speaker Zone Selector  
Control to volume level of microphones Ch 1 to Ch 4 or all output.

## Specifications

Rated Power Output (RMS )	60Watts (MPA-600) 90Watts (MPA-900) 120Watts (MPA-1200)
Response Frequency	45 Hz~15KHz $\pm 3$ dB
Signal TO Noise Ratio	>65dB (Mic.1) >70dB (Mic.2~5) >75dB(Auxiliary)
THD(at rated output)	<1% (THD at 1KHz)
Input Sensitivity	1.5mV (Mic. 1~5) 200mV(CD TUNER) 30mV(MP3)
Input Impedance	2K $\Omega$ (Mic.1~3) Unbalance 600 $\Omega$ (Mic.4~5) Balance 47K $\Omega$ (AUX)
Bass Controller	$\pm 6$ dB (at 100Hz)
Treble Controller	$\pm 6$ dB (at 10KHz)
Line Input	1.0V
Line Output	1.2V
Record Output	1.0V
Power Source	AC115V 60Hz $\pm 10\%$ or AC230V 50Hz $\pm 10\%$ DC 24V
Power consumption	MPA-600 ----130VA MPA-900 ----180VA MPA1200 ----250VA
Dimensions (W)x(H)x(D)	440X94mmX316 (MPA-600, 900) 482x133x282mm (MPA-1200)
Weight	MPA-600 ----9kg MPA-900 ----9.25kg MPA-1200 ----11kg



### CAUTION:

TO REDUCE THE RISK OF ELECTRIC SHOCK,  
DO NOT REMOVE COVER(OR BACK).  
NO USER-SERVICEABLE PARTS INSIDE.  
REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.