



## P.A. SERIES

### *MIXING AMPLIFIER*

MP 200P II

MP 300P II

MP 600P II

MP1000P II



# OWNER'S MANUAL

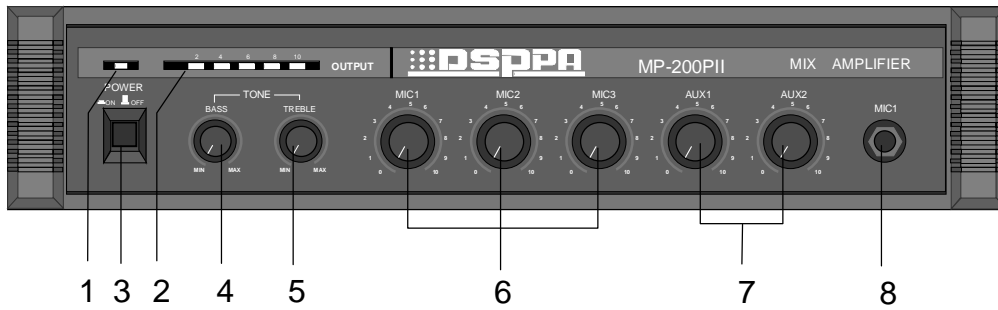
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Before operating, please read this manual carefully.

## *FEATURES*

- l **Three Mic inputs, two Aux inputs, and one Aux output for link**
- l **Transformer with 100V, 70V rated power and 4 ohms rated resistance output (balanced, no ground)**
- l **Mic 1 with muting function, for making a broadcast with the highest level of priority**
- l **Individual volume control for each channel**
- l **Bass and treble tone control**
- l **A five-element LED level meter, easy for monitoring sound level**
- l **Output short circuit protection and alarm**

## FRONT PANEL



**1. LED power indicator** (for main power)

**2. LED level meter**

Indicating output level.

**3. Power switch** (for main power)

**4. Bass control**

Adjusting bass response.

**5. Treble control**

Adjusting treble response.

**6. Mic volume control**

Adjusting microphone volume.

**7. AUX volume control**

Adjusting AUX input volume.

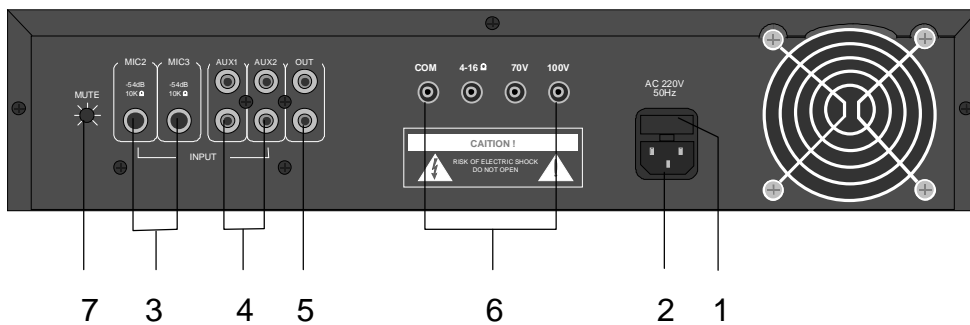
**8. Mic 1 input jack**

Connecting to microphone of unbalanced 30~600  $\Omega$  with 1/4" phone plug. The muting function is activated while the signal is sent to Mic

### Note:

When all five elements of the LED level meter remain lit, it indicates that the sound is distorted. In such case, adjusting each volume control button until LED element 4 (+8dB) and LED element 5 (+10dB) flash.

## REAR PANEL



**1. AC fuse**

Preventing the damage caused by excessive AC current flow

**2. AC power connector**

Connecting to AC power source.

**3. Mic 2 input & Mic 3 input**

Connecting to the microphones at unbalanced 30~600  $\Omega$  with 1/4" phone plug. Signals from Mic 2 and Mic 3 will be muted by the signal from Mic1.

**4. AUX 1 input & AUX 2 input**

Connecting to auxiliary sound source equipment

**5. AUX output**

Connecting to amplifier

**6. Output terminals**

Connecting to speakers

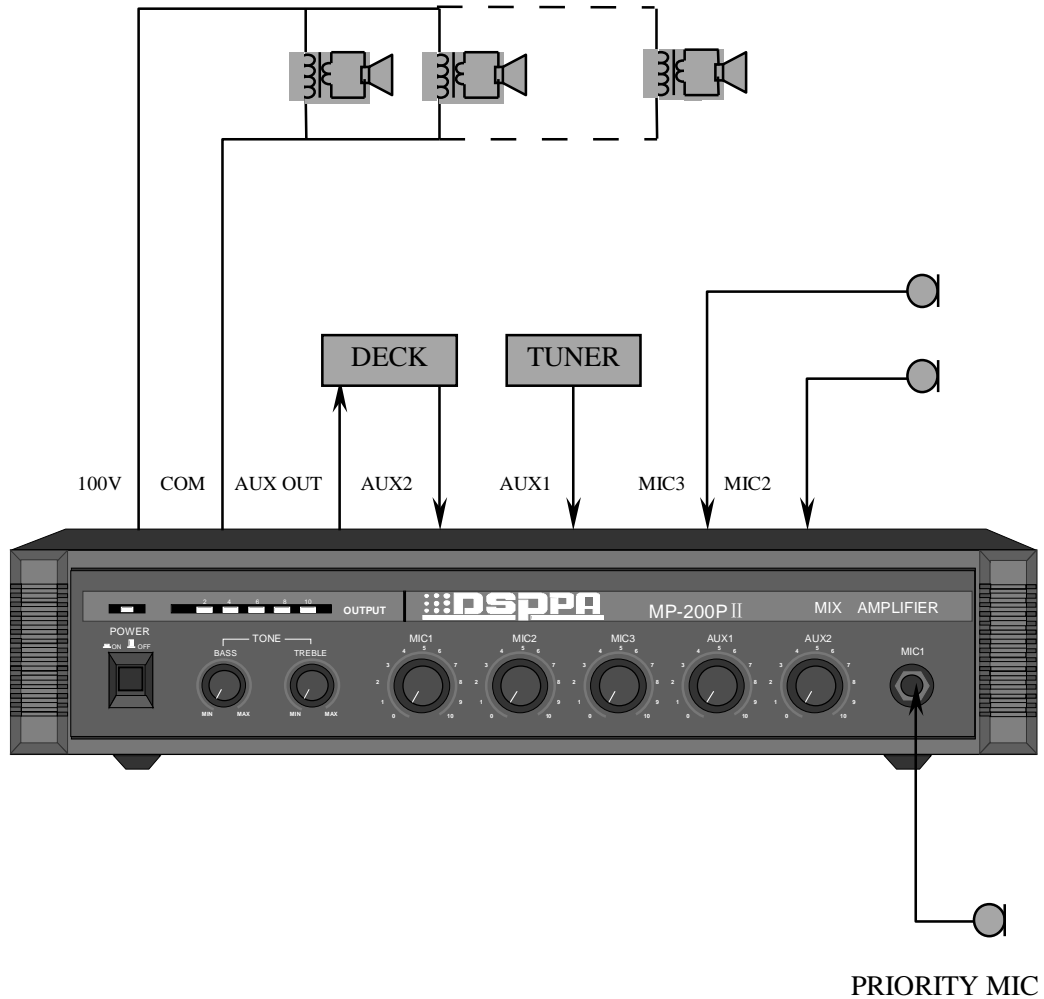
**7. Mute control**

Adjusting muting grade.

**Note:**

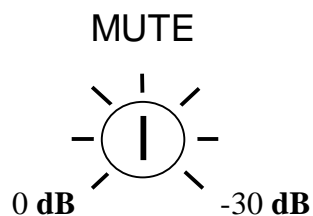
**It is better to only use one pair of output terminals when connecting this unit to speakers.**

## CONNECTIONS



## EXPLANATIONS OF MUTING FUNCTION

Mic 1 input has the highest level of priority as the signal inputting to **Mic 1** can override other input signals. The grade of this muting function can be adjusted within the range from **0 dB** to **-30 dB** by adjusting “**MUTE**” control button on the rear panel. It is preset at **-30 dB** before leaving factory.



## ***PRECAUTION OF INSTALLATION***

1. Do not block ventilation holes.
2. The amplifier should not be placed in any of the areas:
  - 1) with poor ventilation;
  - 2) exposed to direct sunlight;
  - 3) with high ambient temperature or adjacent to heat-generating equipment;
  - 4) with high humidity or heavy dust;
  - 5) susceptible to vibration.
3. Make sure the power outlet conforms to the plug of the unit.
4. Do not use this unit if the electrical power cord is frayed or broken.
5. Always operate the unit with the ground wire
6. If a short alarm rings after turning on power and inputting signals, there must be an output short circuit fault. In such case, power should be cut off immediately. Do not turn on the power until the fault is removed.

## SPECIFICATIONS

<i>Model</i>	<i>MP200P II</i>	<i>MP300P II</i>
<b>Rated output</b>	<b>60W</b>	<b>120W</b>
<b>Output regulation</b>	Less than 3 <b>dB</b> , from off-load to full load	
<b>Speaker output</b>	Balanced 4 $\Omega$ , 70V, 100V	
<b>AUX output</b>	600 $\Omega$ more than 0.775V ( 0dBm )	
<b>Inputs</b>	Mic 1,2,3 / 600 $\Omega$ , 3.5 mV unbalanced	
	AUX 1,2 / 10 k $\Omega$ , 300 mV unbalanced	
<b>Frequency response</b>	50 Hz ~ 20kHz ( $\pm 3$ dB)	
<b>Distortion</b>	Less than 0.8% at 1 kHz, 1 / 3 rated power	
<b>The ratio of signal to noise</b>	Mic 1,2 and 3 : 70 dB	
	AUX 1 and 2 : 75 dB	
<b>Tone</b>	Bass : $\pm 10$ dB at 100 Hz	
	Treble: $\pm 10$ dB at 10 kHz	
<b>Protection</b>	AC fuse; DC voltage; overload; short-circuit.	
<b>Muting function</b>	Mic 1 overrides other input signals with 0 ~ -30 dB attenuation	
<b>Power requirements</b>	AC 220~240 V / 50 ~ 60 Hz	
<b>Power consumption</b>	120W	250W
<b>Dimensions</b>	418 $\times$ 345 $\times$ 88 mm	
<b>Gross weight</b>	11.5 kg	12.5 kg
<b>Net weight</b>	10 kg	11 kg

Specifications are subject to change without notice

### CAUTION

- When the “Power switcher” is off, please pull out the power cord from the socket.
- Please keep the equipment out of water.
- To reduce the risk of electric shock, do not remove the cover.
- Please contact us or authorized dealers for servicing.

DSPPA AUDIO CO., LTD.