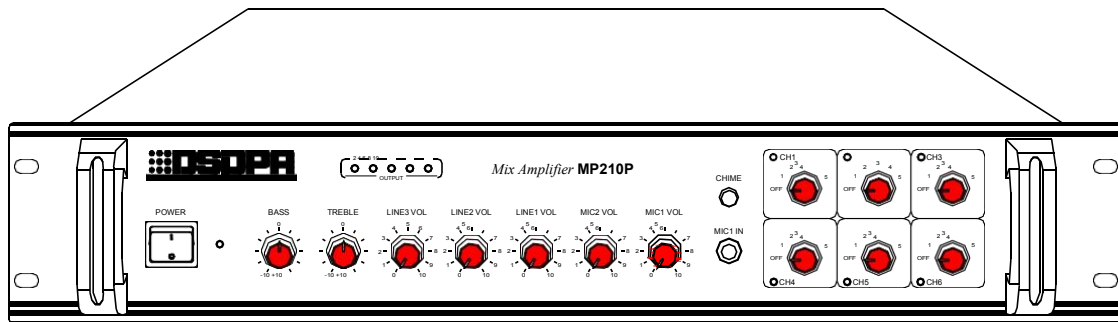




PA System

## *MIXING AMPLIFIER*

**MP 210P**  
**MP 310P**  
**MP 610P**  
**MP1010P**



## **OWNER'S MANUAL**

Before operating, please read this manual carefully.

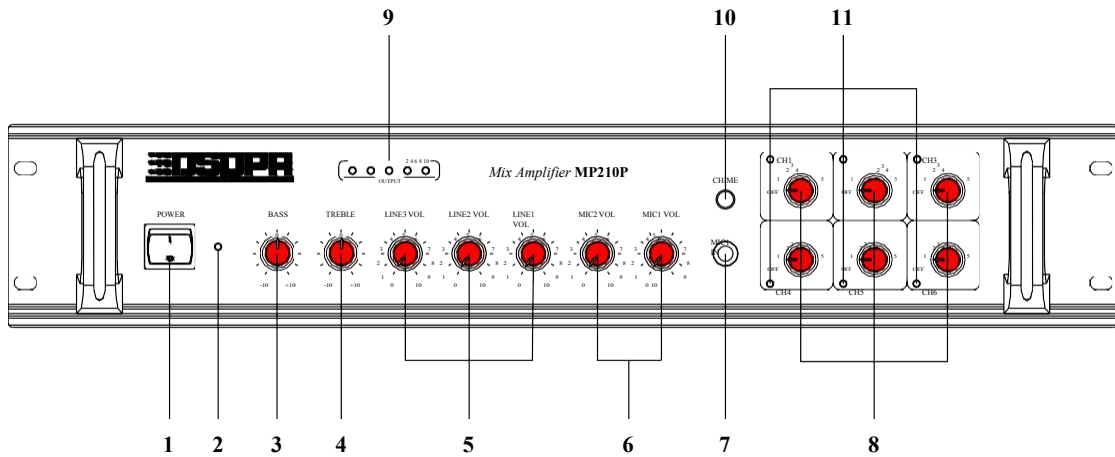
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# FEATURES

- 2 MIC inputs, 3 AUX inputs, and 1 AUX output.
- 4~16 Ohms (balance, ungrounded) rated output.
- 6-zone output. Each zone volume is individually adjustable and output level indication.
- Output voltage of 0V, 6V, 13V, 25V, 50V, 100V a total of 6 files.
- Mute function for priority input.
- Individual volume control and output level indication for each zone output.
- Treble and Bass control
- Chime with priority output
- 5-unit LED Meter for monitoring volume output in each zone.
- Output short circuit protection and caution.
- Single machine is a complete public broadcasting small system.

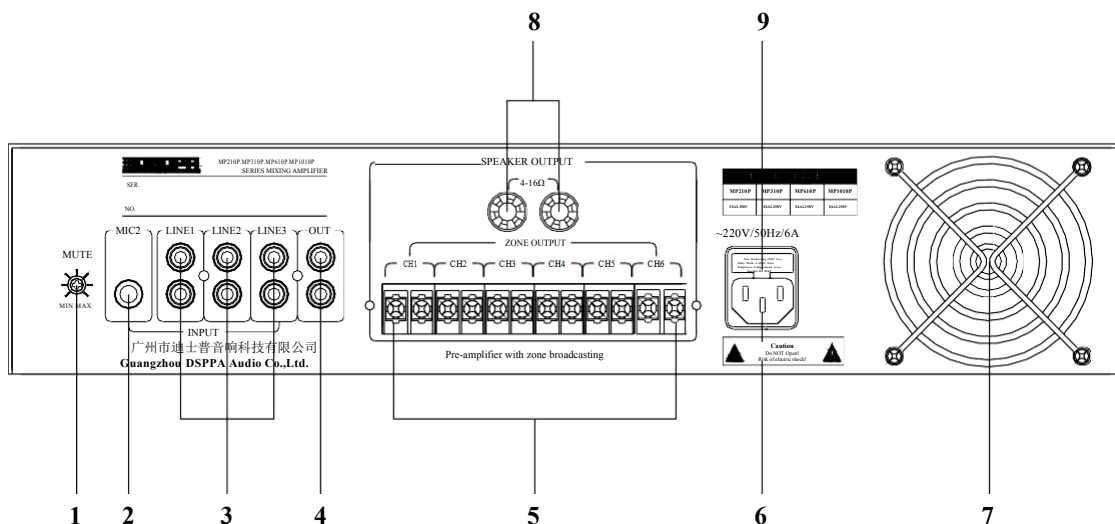
# FRONT PANEL



- 1 Power Switch
- 2 LED Power Indicator
- 3 Bass Adjustment Button
- 4 Treble Adjustment Button
- 5 AUX Input Volume Adjustment Button
- 6 MIC Input Volume Adjustment Button
- 7 MIC 1 Priority Input Jack
- 8 Zone Volume Adjustment Button (1-6)
- 9 5-unit LED Level Meter
- 10 Chime Button
- 11 Zone Level Indicator

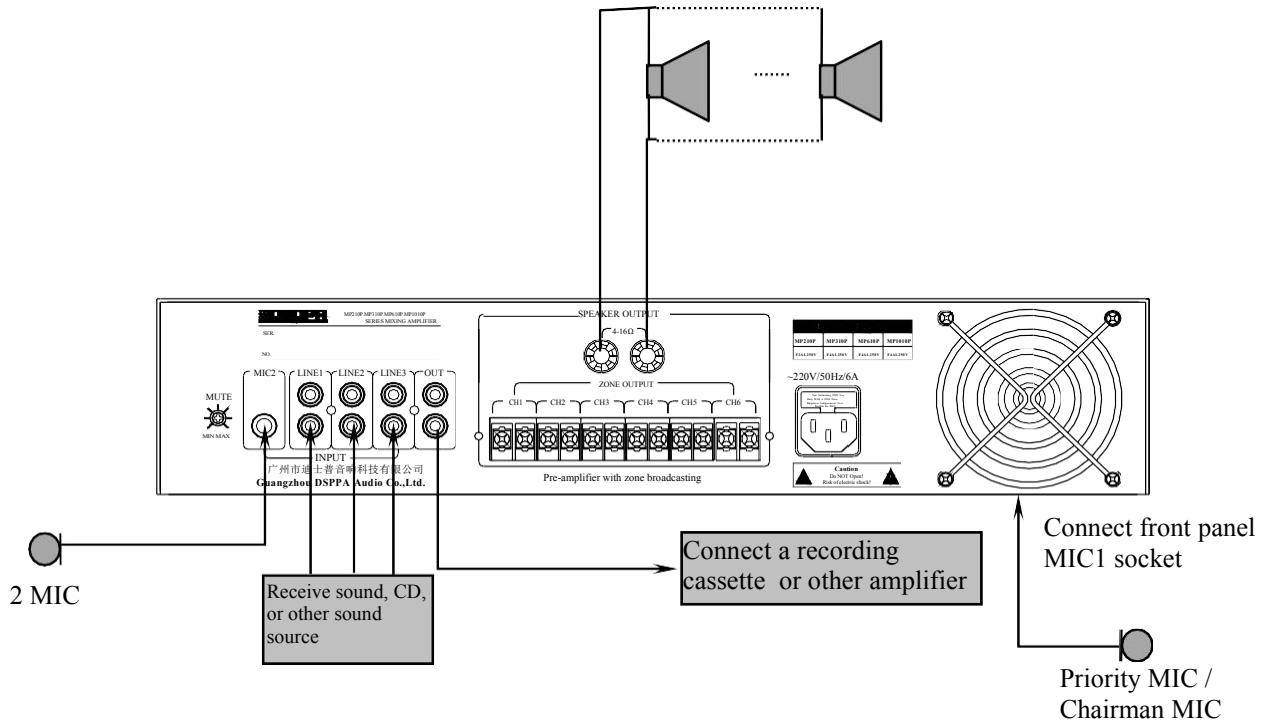
Note: 5 LED long light to express overload distortion, it should be adjusted the volume knob to make 4<sup>th</sup> and 5<sup>th</sup> light flashing.

# REAR PANEL

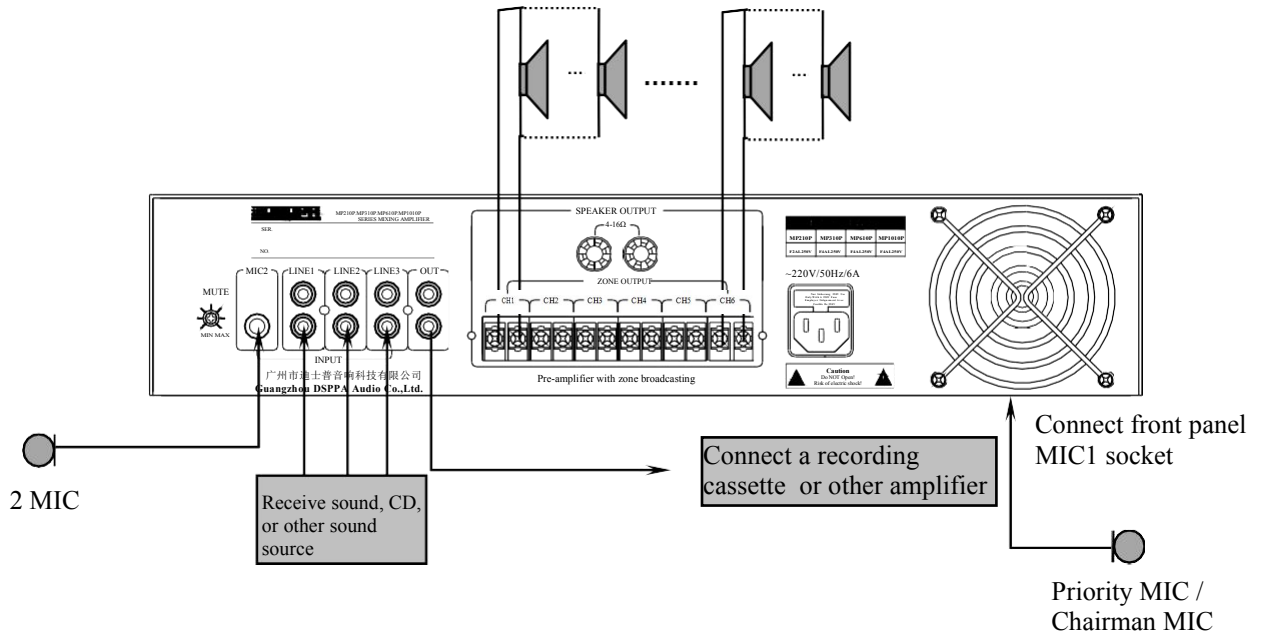


- 1 Mute control Button
- 2 MIC 2 Input Jack
- 3 AUX Input Jack 1, 2, 3
- 4 AUX Output Jack
- 5 6-zone Output
- 6 AC Power Source Insert
- 7 Fan Exhaust Window
- 8 Speaker Output Terminal (Link with another amplifier or recording equipment)
- 9 Fuse

## CONNECTIONS (without multi-zone outputs)



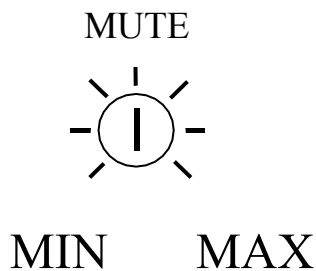
## CONNECTIONS (with multi-zone outputs)



**Note:** Individual zone opening and closing may be achieved by adjusting **Zone Volume Adjustment Button** on **Front Panel**.

## Mute Function

MIC 1 and bells are the input sockets with the highest priority, and the signal entered by the interface suppresses the signal of the other interface. The degree of inhibition can be adjusted by the voice controller "MUTE" of the rear panel of the machine, and the min position is suppressed to the maximum degree when the max position is suppressed to a minimum. Factory Cho in MIN (maximum inhibition degree).



## 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.

## Packing List

NO.	List	Quantity
1	Zone preamplifier	1 set
2	Warranty Card	1 copy
3	Certificate	1 copy
4	Manual	1 copy
5	Charter Washers	4 pcs
6	White 5x19 half countersunk head cross machine Wire	4 pcs
7	10A GB mp-p Power cord	1 pc
8	1500mm/Double Cat Audio Cable	1 pc

## Specification

Model	MP210P	MP310P	MP610P	MP1010P
Rated output power	60W	120W	250W	350W
Output adjustment Rate	From full load to no-load, $\leq 3\text{db}$			
Min. source electromotive force	MIC: $\leq 3\text{mV}$			
	LINE: $\leq 300\text{mV}$			
Frequency response	80Hz-16kHz ( $\pm 3\text{dB}$ )			
THD	$\leq 1\%$ (1kHz, Normal working conditions)			
SNR	Line: $\geq 70\text{db}$ (Broadband)			
Tonal adjustment Range	Bass: $\pm 10\text{db}$ (100Hz)			
	Treble: $\pm 10\text{db}$ (10kHz)			
Protection function	DC, overload, short-circuit.			
Mute function	Microphone 1 Input Overwrite other input			
Rated Power	AC 220V/50Hz			
Consumption	120W	250W	500W	650W
Packing dimension (mm)	(L×W×H) 555×455×185			
Machine dimension (mm)	(L×W×H) 484×355×88			
Gross weight	11.7kg	13.5kg	16kg	17kg
Net weight	9.7kg	11.5kg	14kg	15kg

Specifications are subject to change without notice

### **Caution**

- The device is not completely disconnected from power source when it is switched "OFF". For sake of safety, please disconnect the device from the socket if it is not in use.
- Please keep this device off water drops or splash or vase filled with water or any other articles of similar nature.
- Please do NOT remove the cover of the equipment, otherwise you may get an electric shock. Where necessary, repair to the equipment should be conducted by qualified professionals.
- All terminals on the device marked with ⚡ are live and dangerous, and should be connected by trained personnel.
- This is connected to power source via the plug and any failure or danger occurs, the user can disconnect the device from power source by pulling out the plug out from the socket, therefore, it is required that the power socket should be located somewhere with easy access.