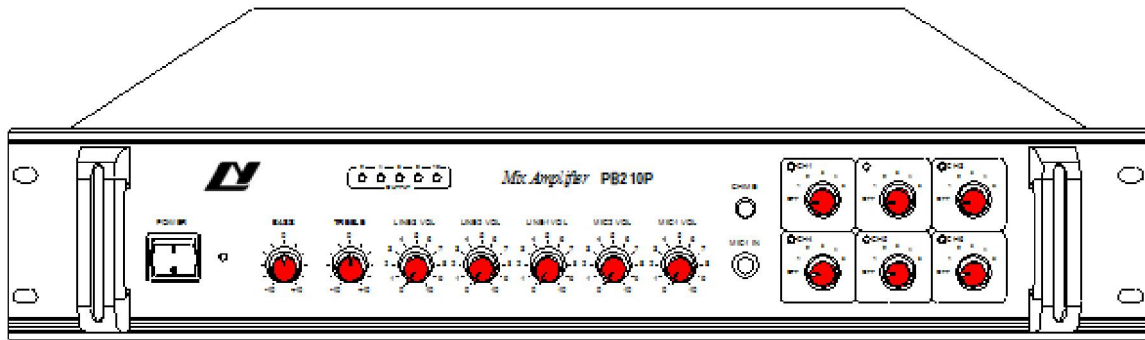




LY INTERNATIONAL ELECTRONICS

## ***MIXING AMPLIFIER*** PB 210P PB 310P PB 610P PB1010P



## **OWNER'S MANUAL**

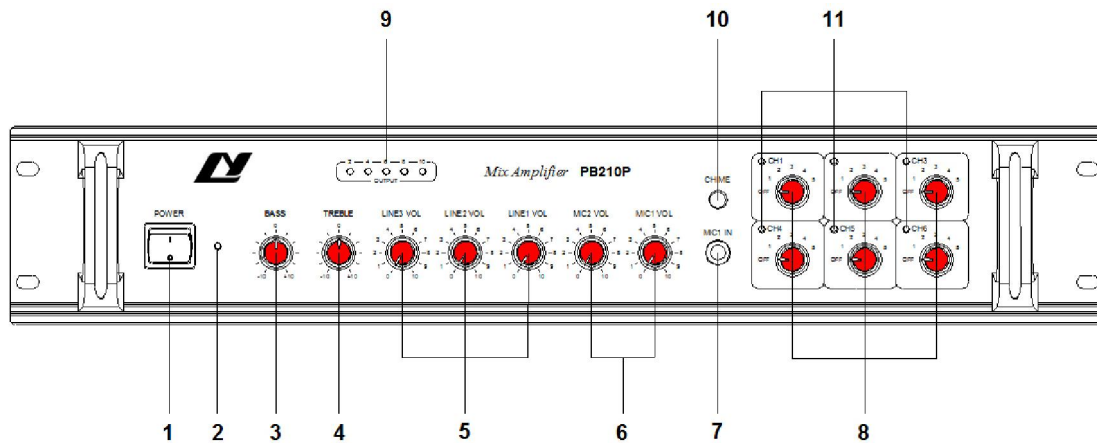
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Before operating, please read this manual carefully.

### ***FEATURES***

- 2MIC inputs, 3AUX inputs, and 1AUX output.
- 4-16 $\Omega$  rated output.
- 6-zone output.
- Individual volume control and output level indication for each zone output.
- Mute function for priority input.
- 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.

## FRONT PANEL

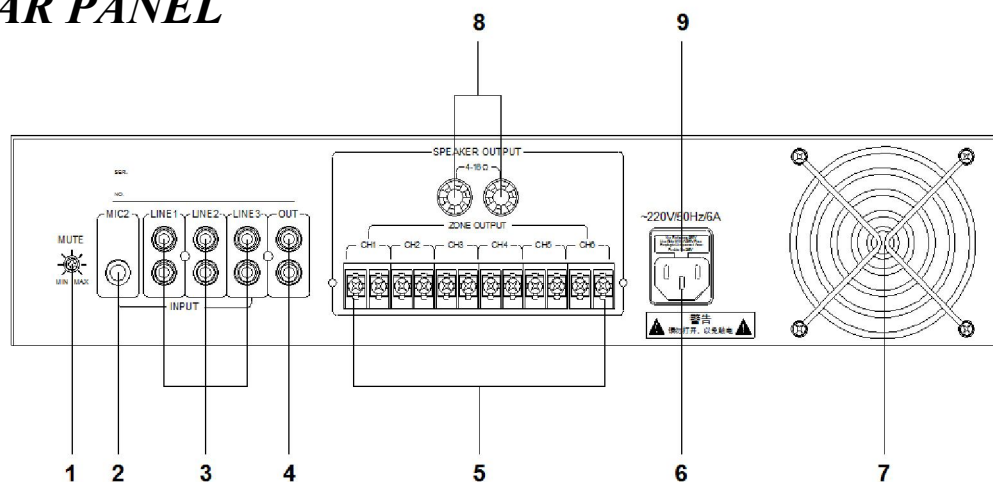


- |                                      |                                       |
|--------------------------------------|---------------------------------------|
| 1 Power Switch                       | 7 MIC 1 Priority Input Jack           |
| 2 LED Power Indicator                | 8 Zone Volume Adjustment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

### Note:

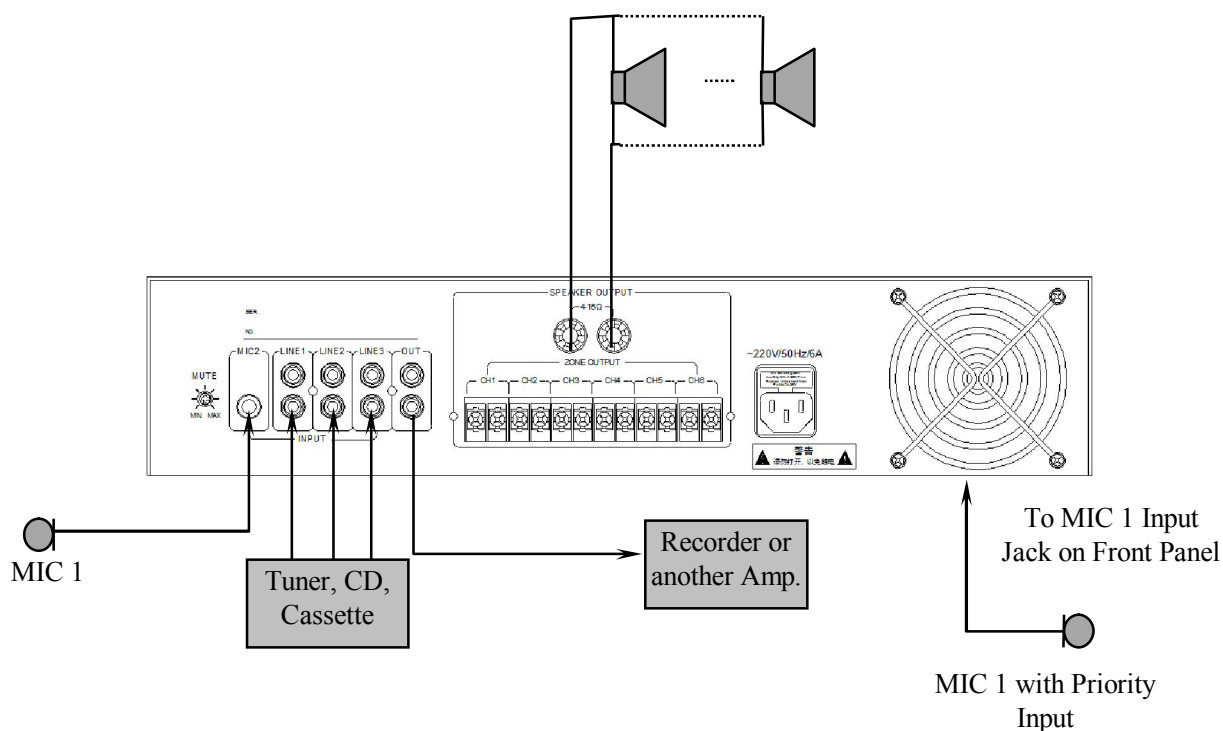
When all five units of the LED level meter remain lit, it indicates that the sound is distorted. In such case, adjusting each volume adjustment button until LED unit 4 (+8dB) and LED unit 5 (+10dB) flash.

## REAR PANEL

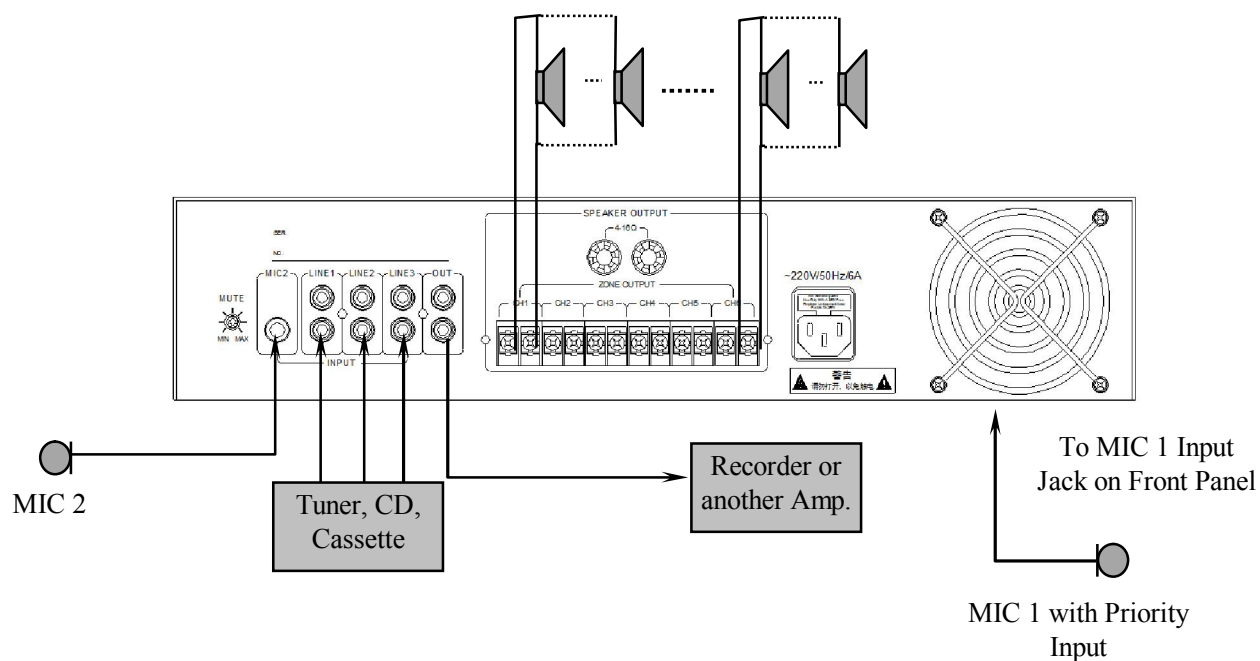


- |  |                           |
|--|---------------------------|
| 1 Mute control Button                                | 5 6-zone Output           |
| 2 MIC 2 Input Jack                                   | 6 AC Power Source Insert  |
| 3 AUX Input Jack 1, 2, 3                             | 7 Fan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

## CONNECTIONS (without multi-zone outputs)



## CONNECTIONS (with multi-zone outputs)

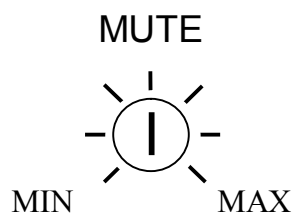


### Note:

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

## ***MUTE FUNCTION***

**MIC 1 Input Jack** and **Chime Button** have the highest level of priority. Input signals from them can override other input signals. The grade of this **MUTE** function can be adjusted.



## ***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***

Model	PB-210P	PB-310P	PB-610P	PB-1010P
Rated Output	60W	120W	250W	350W
Output Regulation	Less than 3dB, from off-load to full load			
Input sensitivity	MIC: 3.0mV( $\pm 0.5$ dB)			
	LINE: 300mV( $\pm 50$ dB)			
Frequency Response	80Hz-16kHz ( $\pm 3$ dB)			
Distortion	Less than 0.5% (at 1kHz)			
Ratio of Signal to Noise	MIC: more than 71dB			
	LINE: more than 85dB			
Tone	Bass: $\pm 10$ dB (at 100Hz)			
	Treble: $\pm 10$ dB (at 10kHz)			
Protection	DC voltage; overload; short-circuit.			
Mute	Input signals from MIC 1 override other input signals			
Power Requirements	AC 220-240V/50-60Hz			
Power Consumption	120W	250W	500W	650W
Outer Packing Size(mm)	(L×W×H)520×430×195			
Unit Size (mm)	(L×W×H)418×338×88			
Gross Weight	11.7kg	13.5kg	16kg	17kg
Net Weight	9.7kg	11.5kg	14kg	15kg

Specifications are subject to change without notice

### **CAUTION**

- 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.