



PRE AMPLIFIER PB-2811P
USER MANUAL



CAUTION: Do not open the equipment cover arbitrarily,
so as not to electric shock. Please contact the professionals
to maintain if necessary.

Thank you for purchasing the Pre Amplifier.
Please carefully follow the instructions in this manual to ensure long, trouble-free use of the equipment.

Accessories

AC power cord	1
User manual	1
Audio cable	1
Warranty card	1

Safety Precautions



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

⚠ CAUTION

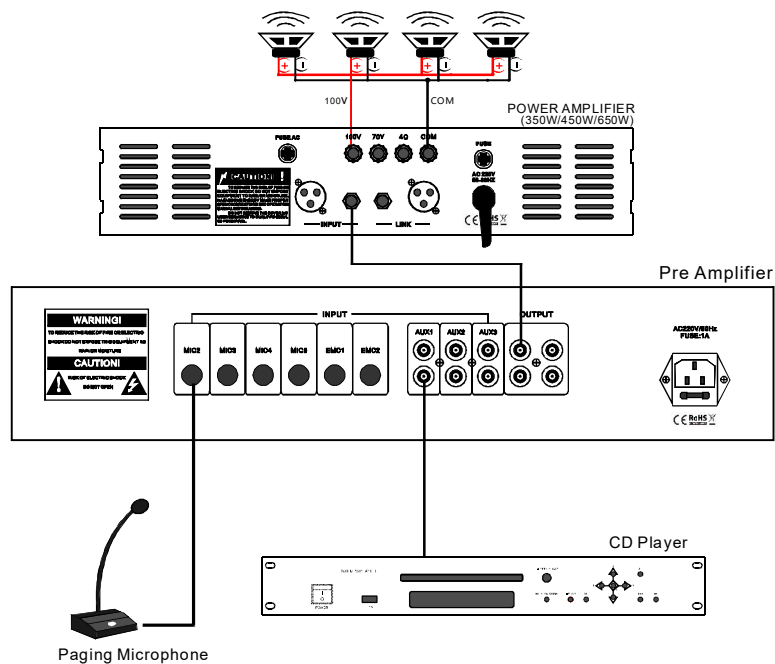
Indicates a potentially hazardous situation which, if mishandled, could result in moderate or minor personal injury, and/or property damage.

- Before installation or use, be sure to carefully read all the instructions in this section for correct and safe operation.
- Be sure to follow all the precautionary instructions in this section, which contain important warnings and/or cautions regarding safety.
- After reading, keep this manual handy for future reference.

Operation Notes

1. This equipment has passed the strict inspection, however, you should turn off the power, pull out the power plug when discover some following anomalies in case, and contact the dealer.
 - A. If smelled smoke and peculiar smell which set out from the equipment.
 - B. If water or any metal immerge or fall into the equipment.
 - C. If the equipment fell or the shell damaged.
 - D. If the power cable damaged.
 - E. If the equipment failed.
 - F. If the equipment distorted badly.
2. This equipment contains high voltage components, please do not arbitrarily open, so as not to cause fire or electric shock, if need to maintain, please contact dealer or professionals to handle
3. Do not lay liquid container or metal on the equipment top, if they fall into the equipment, it may cause fire or electric shock
4. Do not fall metal or flammable object into the ventilation slot, so as not to cause fire or electric shock. Do not touch the power plug when thundering and fulmination, so as not to cause injury of electric shock .
5. Do not lay heavy object on the equipment top, so as to avoid falling or damage, and even cause injury to persons or damage to equipment and property, in addition, heavy object falling itself may cause injury or damage.
6. If found voice distortion situation, please do not operate this equipment for long time, this is also a fault alarm message, if use unceasingly ,it may cause overheating and fire.
7. To clean equipment, please contact with the dealer, if the dust accumulated in the equipment for long time, it may cause fire or damage.
8. Lay this equipment on a stable location, and make a appropriate treatment to prevent falling, otherwise it may cause the equipment falling, and cause injury to persons or damage to equipment and property.
9. So as to avoid the inner temperature to rise, the equipment should be 10 centimeter far from the barrier.

Connection Illustration



Note:

- Built-in SIREN circuitry with pushbutton on front panel for an orderly emergency evacuation of people and conducting a fire or an emergency drill manually.
- Connecting Alarm Panel for emergency broadcasting automatically.
- Built-in CHIME circuitry with pushbutton on front panel for attracting listeners' attention prior to speaking.
- 4 signal outputs for connecting 4 units of power amplifiers.



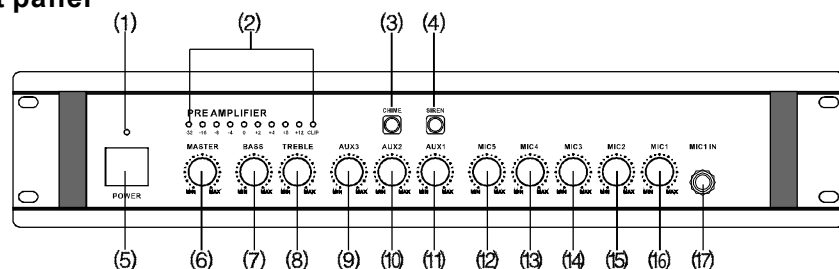
Descriptions & Features

The Rack-mount Pre Amplifier is designed for background music/paging and public address system installations, these units are exceptional values, loaded with features, and are easy to install in a variety of system designs.

The PA Pre Amplifier supports power amplifiers to work, features muting function.that MIC1 overrides MIC2, MIC3,AUX1,AUX2 with 0~30dB dB attenuation.

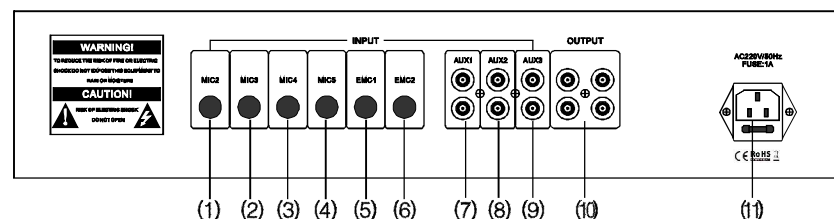
- ※ 5 MIC inputs, 3 AUX inputs, 2 EMC input,4 AUX outputs.
- ※ Individual volume controller for MIC & AUX inputs.
- ※ MASTER volume controller ,BASS and TREBLE tone controller.
- ※ EMC1,2 have priority over all inputs except MIC1.
- ※ Built-in SIREN circuitry with pushbutton on front panel for an orderly emergency evacuation of people and conducting a fire or an emergency drill manually.
- ※ Connecting Alarm Panel for emergency broadcasting automatically.
- ※ Built-in CHIME circuitry with pushbutton on front panel for attracting listeners' attention prior to speaking.
- ※ 4 signal outputs for connecting 4 units of power amplifiers.

Front panel



- | | | |
|---------------------|----------------------|-------------------|
| (1) Power Indicator | (2) Signal Indicator | (3) Chime Music |
| (4) Siren Music | (5) Power Switch | (6) Master Volume |
| (7) Bass Control | (8) Treble Control | (9) AUX3 Volume |
| (10) AUX2 Volume | (11) AUX1 Volume | (12) MIC5 Input |
| (13) MIC4 Volume | (14) MIC3 Volume | (15) MIC2 Volume |
| (16) MIC1 Volume | (17) MIC1 Input | |

Rear panel



- | | | |
|--------------------------|----------------------|----------------|
| (1) MIC2 Input | (2) MIC3 Input | (3) MIC4 Input |
| (4) MIC5 Input | (5) EMC1 Input | (6) EMC2 Input |
| (7) AUX1 Input | (8) AUX2 Input | (9) AUX3 Input |
| (10) Four Signal Outputs | (11) AC Power Supply | |

Specifications

Model	PB-2811P
MIC Input	MIC 1,2,3,4,5: 18mV/600 ohms, Unbalanced
AUX Input	AUX 1,2,3: 200mV/10k ohms, Unbalanced
EMC Input	EMC 1,2: 1.5V/10k ohms, Unbalanced
Tone	BASS:±10dB at 100Hz,TREBLE:±10dB at 10KHz
Frequency Response	20Hz - 20KHz
S/N Ratio	MIC 1,2: 70dB; AUX 1,2,3: 80dB
THD	Less than 0.1%
Muting Function	MIC 1 overrides other input signals with 0-30 dB attenuation,EMC1,2 overrides all inputs except
LED Indicators	POWER
Protection	AC fuse
Power Requirements	AC220V±10%,50/60Hz
Power Consumption	50W
Dimensions (W×D×H)	483(W)×366(D)×89(H)mm
Weight	7.5Kg