

OWNER'S MANUAL

Before operating, please read this manual completely.

P.B. SERIES
*Powerful Public
Address Amplifiers*
PB6002
PB7002
PB8002



FEATURES

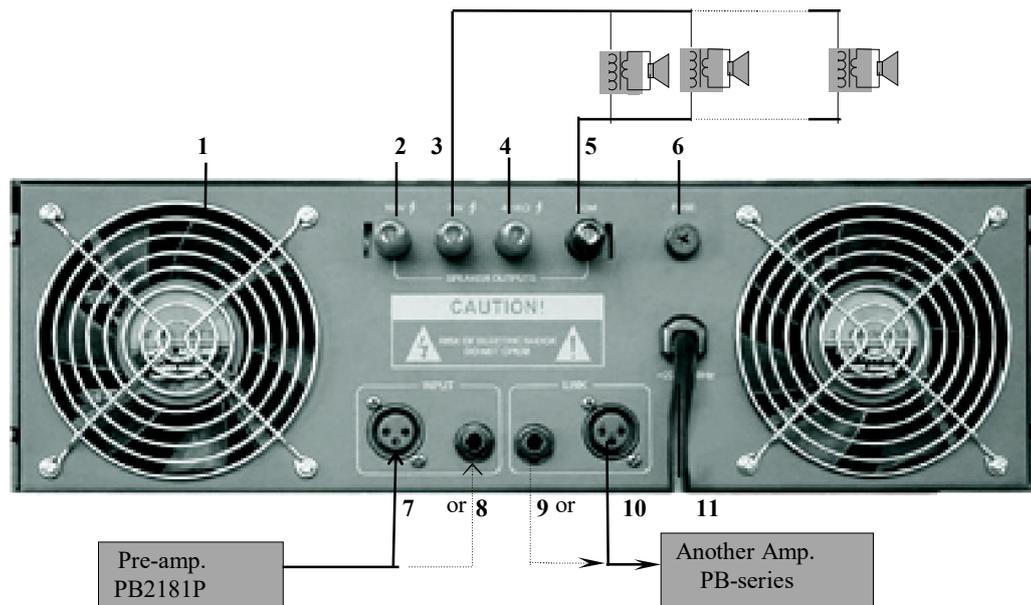
- 1 Transformer isolated 100V, 70V and 4 Ohms speaker outputs.
- 2 5 LED indicator for status display.
- 3 XLR socket and 6.3mm jack for link convenient .
- 4 Output short- circuit protection & display.
- 5 Various models of very powerful output available.

AMPLIFIER FRONT VIEW



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| <ol style="list-style-type: none"> 1. AC power switch(power indicator lighting as ON state) 2. POWER LED indicator 3. CLIP LED indicator (Please reduce the gain to prevent severely clipped waveforms reaching the loudspeakers) 4. SIGNAL LED indicator (Output level) | <ol style="list-style-type: none"> 5. PROT LED indicator (DC or output circuit shorted indicator) 6. TEMP LED indicator (high temperature indicator) 7. Volume (input attenuator) 8. Unit's fan exhaust window |
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AMPLIFIER REAR VIEW AND CONNECTIONS



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| <ol style="list-style-type: none"> 1. fan intake window 2. 100V output 3. 70V output 4. 4-16Ω output 5. COM. output 6. AC(low voltage) fuse 7. XLR input | <ol style="list-style-type: none"> 8. 6.3mm socket input 9. 6.3mm socket link 10. XLR link 11. 220VAC power cord |
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OPERATING PRECAUTIONS

Make sure the AC mains voltage is correct and is the same as that printed on the rear of the amplifier. Damage caused by connecting the amplifier to improper AC voltage is not covered by the three-year US warranty. Make sure the power switch is off before making any input or output connections.

It is always a good idea to have the gain controls turned down during power-up to prevent speaker damage if there is a high signal level at the inputs.

CONNECTING INPUTS

Input connections are made via either the **3-pin XLR-type connectors** (Figure1) or **6.3mm sockets** on the rear side of the amplifier.

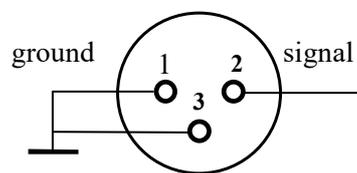


Figure 1 3-pin XLR-type connectors

CONNECTING OUTPUTS

Load can be connected using banana plugs or spade lugs. A black binding post is considered “COM”, while the three red binding posts are considered “hot”, and the voltage is **38V** (different from the model) , **70V**, and **100V**.

Note:

Never connect the “hot” terminals together.

When connecting load (speakers) , it is better to use one pair of output terminals only.

If the PROT Led goes on steadily while power has been turned on and signal has been fed, there must a trouble of output shorted. Please turn it off and correct the trouble then turn it on again.

SPECIFICATIONS

<i>MODEL</i>	<i>PB6002</i>	<i>PB7002</i>	<i>PB8002</i>
Max. Rated Power	1000W	1500W	2000W
Input sensitivity	1.2V		
S/N Ratio	More than 90dB		
Damping Factor	200:1		
Input CMRR	More than 90dB		
Frequency Response	80Hz-15kHz ±3dB		
THD into 4Ω/1kHz	<0.3%		
Slew Rate	>15V/microsecond		
Cooling	220V AC Fan.		
Indicators	“power”, “clip”, “signal”, “prot”, and “temp” LEDs.		
Protection	Power turn on-turn off, High temperature, DC voltage & Output Circuit Shorting.		
Power Requirement	AC220-240V / 50-60Hz		
Power Consumption	1800W	2600W	3500W
Dimensions	132×483×480mm		
Gross Weight	34.5kg	40.5kg	42kg
Net Weight	31kg	37kg	38.5kg

Specifications are subject to change without notice.

CAUTION

- Do not put the vase full of water and similar things on the machine.
- Please pull out the plug from the outlet when the machine is OFF state.
- To reduce the risk of electric shock, do not remove the unit’s cover.

No user parts are inside. For services, refer to a qualified service person.