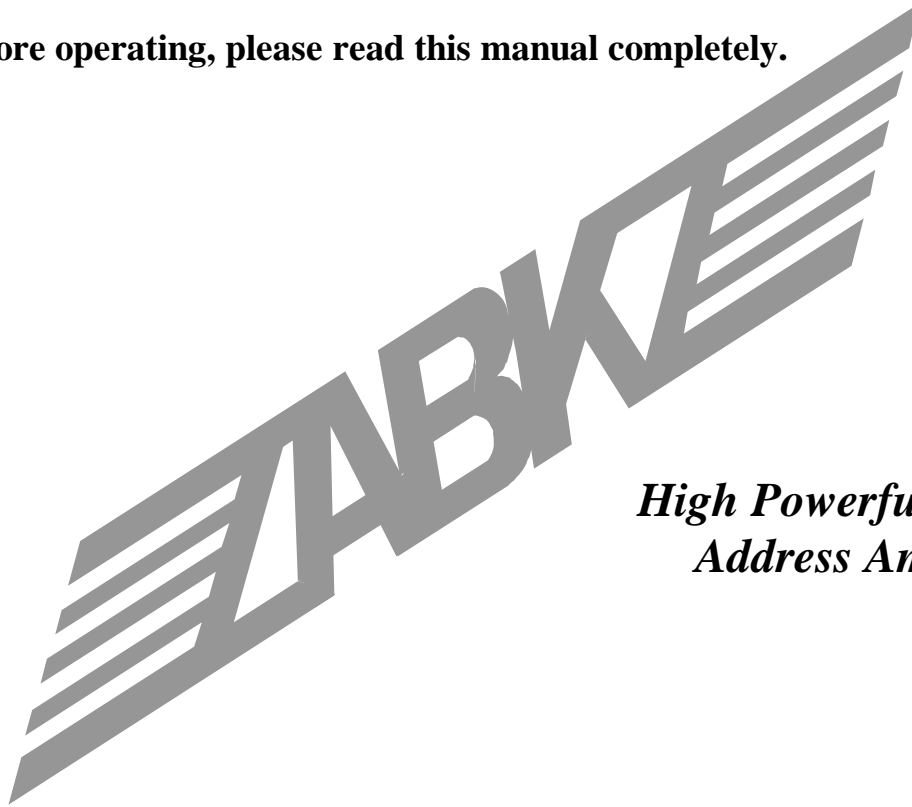


OWNER'S MANUAL

Before operating, please read this manual completely.



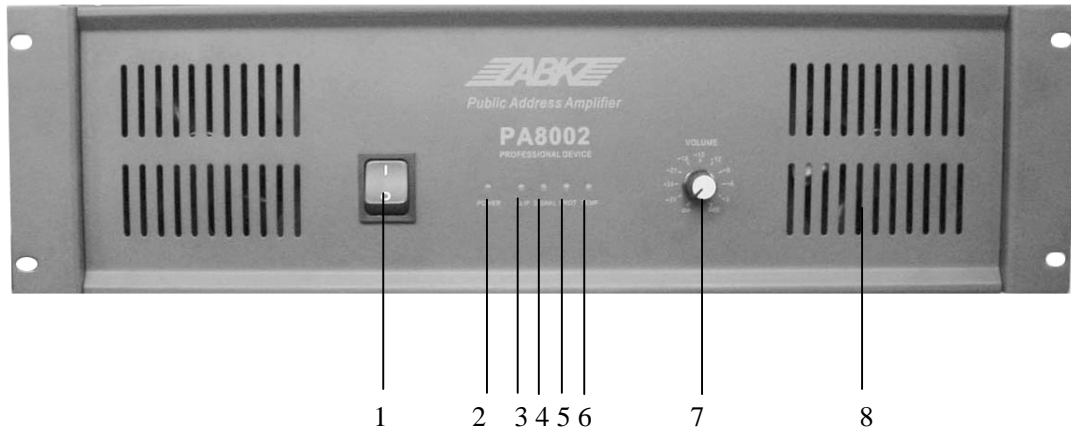
*PA8002
High Powerful Public
Address Amplifiers*



FEATURES

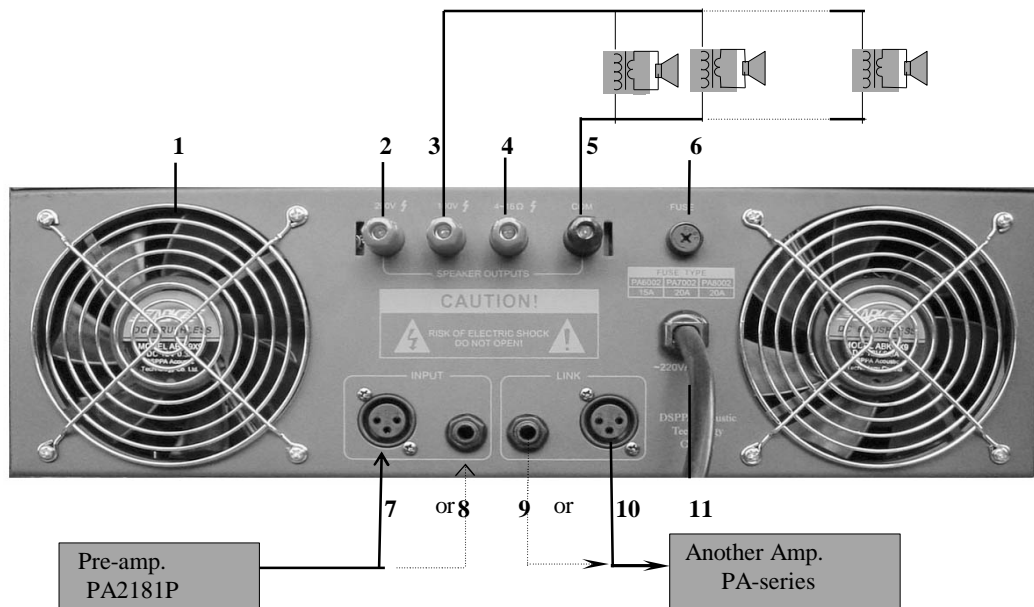
1. Transformer isolated 200V, 100V and 4 Ohms speaker outputs.
2. 5 LED indicators for status display.
3. XLR socket and 6.3mm jack for link convenient.
4. Output short- circuit protection & display.
5. Various models of very powerful output available.

AMPLIFIER FRONT VIEW



- | | |
|---|--|
| <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 |
|---|--|

AMPLIFIER REAR VIEW AND CONNECTIONS



- | | |
|--|--|
| <ol style="list-style-type: none"> 1. fan intake window 2. 200V output 3. 100V output 4. 4~16W output 5. COM. output 6. AC Supply 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 |
|--|--|

OPERATING PRECAUTIONS

1. **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.**
2. **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.**
3. **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.**

CONNECTING INPUTS

Input connections are made via either the **3-pin XLR**-type connectors (Figure 1) or **6.3 mm** sockets on the rear side of the amplifier.

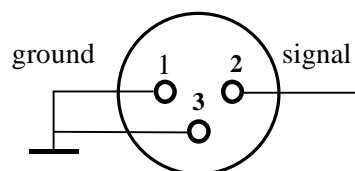


Figure 1 3-pin XLR-type connectors

CONNECTING OUTPUTS

Output terminals are on the rear panel. 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**”.

Usually make use of “fixed voltage” (100V or 200V) output, while the each loudspeaker should use a separate transformer and the total power of connecting loudspeakers should be less than rated power of this amplifier.

Loudspeaker which close to the amplifier also make use of “fixed resistance” (4~16 Ω) output, while the total resistance of the loudspeakers should accord with 4~16 Ω .

Note:

When connecting loudspeakers, it is better to use one pair of output terminals only.

Never connect the “hot” terminals together.

SPECIFICATIONS

<i>Model</i>	<i>PA8002</i>
Max. Rated Power	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 4W/1kHz	<0.5% (1/3 Rated power)
Slew Rate	>15V/microsecond
Cooling	DC Fan for cooling
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	3500W
Dimensions	132´483´480mm
Gross Weight	42kg
Net Weight	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.

DSPPA Acoustic Technology Co., Ltd.