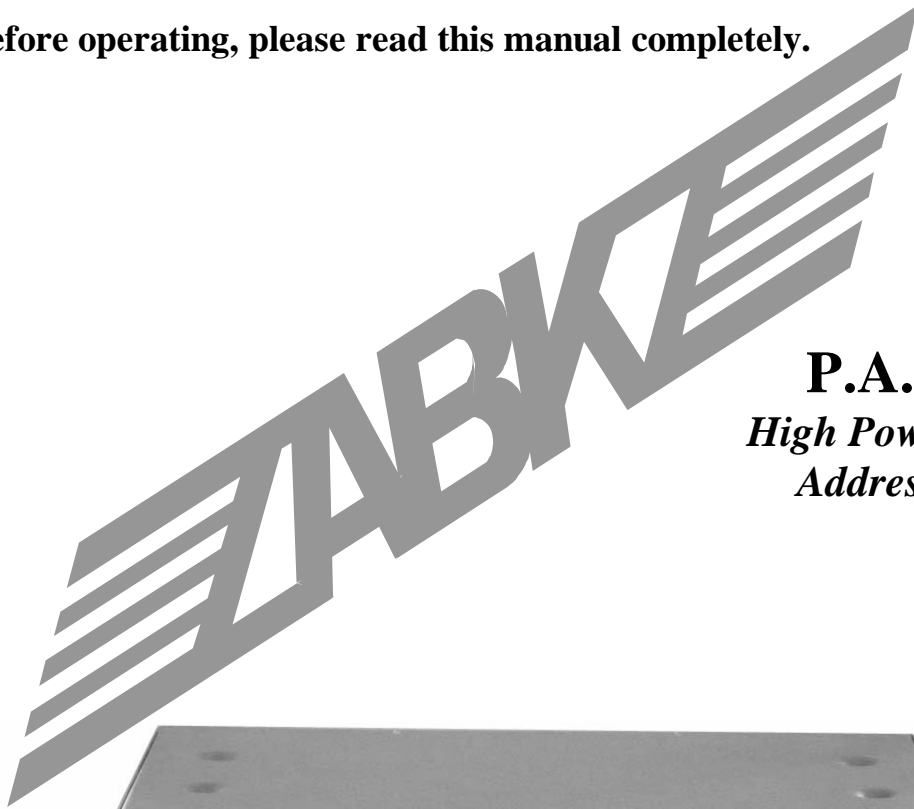


# OWNER'S MANUAL

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Before operating, please read this manual completely.



**P.A. SERIES**  
*High Powerful Public  
Address Amplifiers*  
**PA6002**  
**PA7002**



## FEATURES

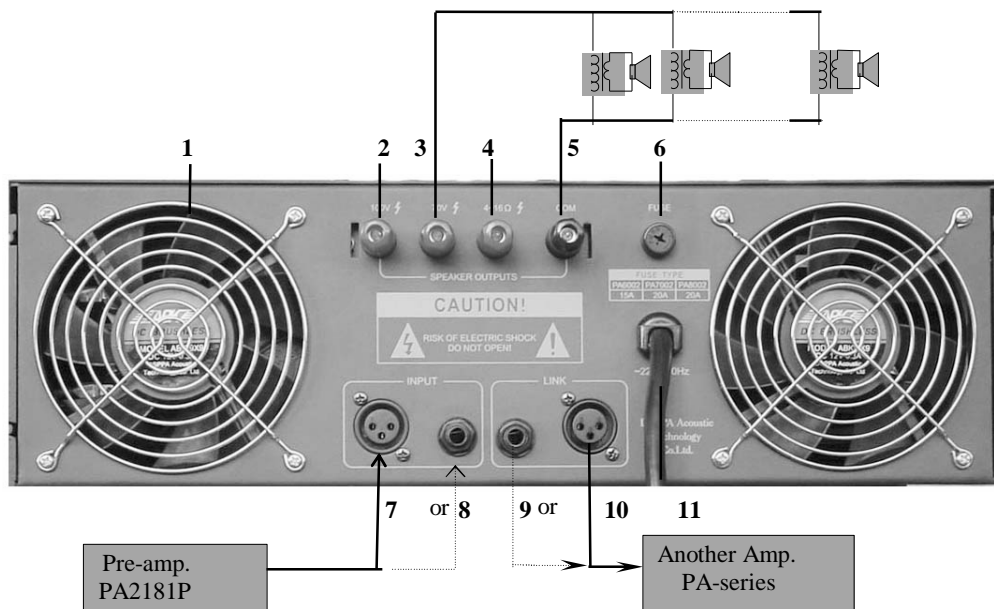
- 1 Transformer isolated 100V, 70V and 4 Ohms speaker outputs.
- 2 5 LED indicator for status display.
- 3 XLR socket and 6.3mm jack for link convenient .
- 4 Output short- circuit protection & display.
- 5 Various models of very powerful output available.

## AMPLIFIER FRONT VIEW



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

## AMPLIFIER REAR VIEW AND CONNECTIONS



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

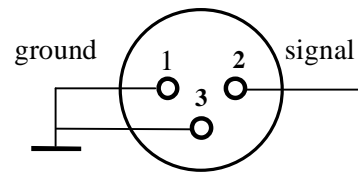
## ***OPERATING PRECAUTIONS***

**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

<b>MODEL</b>	<b>PA6002</b>	<b>PA7002</b>
<b>Max. Rated Power</b>	<b>1000W</b>	<b>1500W</b>
<b>Input sensitivity</b>	1.2V	
<b>S/N Ratio</b>	More than 90dB	
<b>Damping Factor</b>	200:1	
<b>Input CMRR</b>	More than 90dB	
<b>Frequency Response</b>	80Hz-15kHz ±3dB	
<b>THD into 4W/1kHz</b>	<0.3%	
<b>Slew Rate</b>	>15V/microsecond	
<b>Cooling</b>	220V AC Fan.	
<b>Indicators</b>	“Power”, “clip”, “signal”, “prot”, and “temp” LEDs.	
<b>Protection</b>	Power turn on-turn off, High temperature, DC voltage & Output Circuit Shorting.	
<b>Power Requirement</b>	AC220-240V / 50-60Hz	
<b>Power Consumption</b>	1800W	2600W
<b>Dimensions</b>	132´483´480mm	
<b>Gross Weight</b>	34.5kg	40.5kg
<b>Net Weight</b>	31kg	37kg

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.