



Matters needing attention

Warning!

Caution: In order to avoid the danger of electric shock, please do not remove the cover. No parts can be repaired by internal users. Contact qualified professionals for maintenance.

 The lightning sign with arrows in the equilateral triangle warns the user that there is a non-insulating "dangerous" voltage in the shell of the product, which will cause electric shock danger to the human body.

 The exclamation mark in the equilateral triangle reminds users of the important operation and maintenance (maintenance) instructions in this manual.

 Lightning symbols near the output end of the amplifier are dangerous to the user. Output connectors that may cause danger are marked with lightning symbols. Do not touch the output when the amplifier power is turned on. Turn off the amplifier power before making all connections.

1. Read the Harmony Rules.
2. Preserve these provisions.
3. Be careful all warnings
4. Comply with these regulations.
5. Warning: In order to avoid fire or electric shock, do not expose the equipment to rain or humid environment. Do not use this equipment near water.
6. Can only be wiped with a dry cloth.
7. The maximum working environment temperature is 50°C(122°F)
8. Do not restrict the ventilation of equipment fans or vents. Make sure that the intake and exhaust holes are unblocked.
9. Do not install near equipment that generates heat, such as radiators, heat regulators, stoves or other equipment (including amplifiers).
10. Do not invalidate the safety of grounding plug. If the plug provided does not match your socket, please consult the electrician about how to replace the old socket. Do not disconnect the grounding plug or use an adapter that disconnects the grounding circuit. In order to ensure your safety, make sure that the equipment is well grounded.
11. Protect the wires from being trampled or squeezed, especially the plugs, power outlets and the places where they leave the equipment.
12. This product is not equipped with an all-pole power switch. In order to disconnect the AC power supply completely, the AC plug must be pulled out of the AC socket or the device connector (IEC module) must be removed from the amplifier module. Ensure that AC plugs or device connectors are readily available for disconnection in case of emergency.
13. This unit can only be connected to a power circuit with an appropriate rating.
14. The rack installation equipment must have reliable grounding (grounding device).
15. Use the accessories or accessories designated by our company as far as possible.
16. When lightning occurs or it is not used for a long time, please unplug the device.
17. Maintenance by qualified personnel. If the equipment is damaged, it must be repaired, such as damaged power cord or plug, liquid splashing or objects falling into the equipment, equipment suffered from rain or dampness, can not work properly, or has fallen.
18. Don't drop or spill water on the equipment. Never put anything liquid like a vase on the equipment.
19. When installing the equipment to the rack, please balance the units. Otherwise, the unbalanced weight may cause danger.

Preface

Because of the advantages of power consumption and volume, TP-222, TP-424 and TP-626 firstly realize the universal voltage (90V~260V) in the environment of non-uniform global power supply.

The machine will not bring phase delay, phase distortion, crossover distortion and other characteristics in the transmission process, which will bring the sense of hearing that the sound is more transparent, better positioning, closer to reality, and require higher bass and intensity to be maximized.

Functional Interpretation and Use of Products

Figure 1

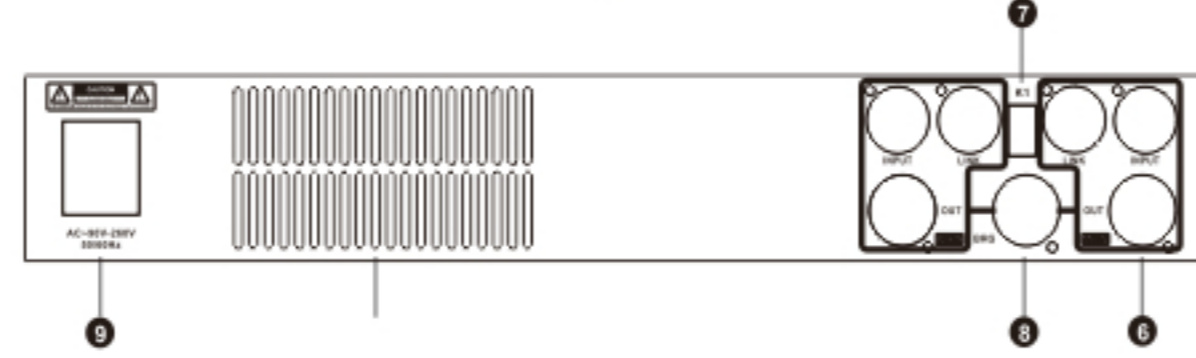
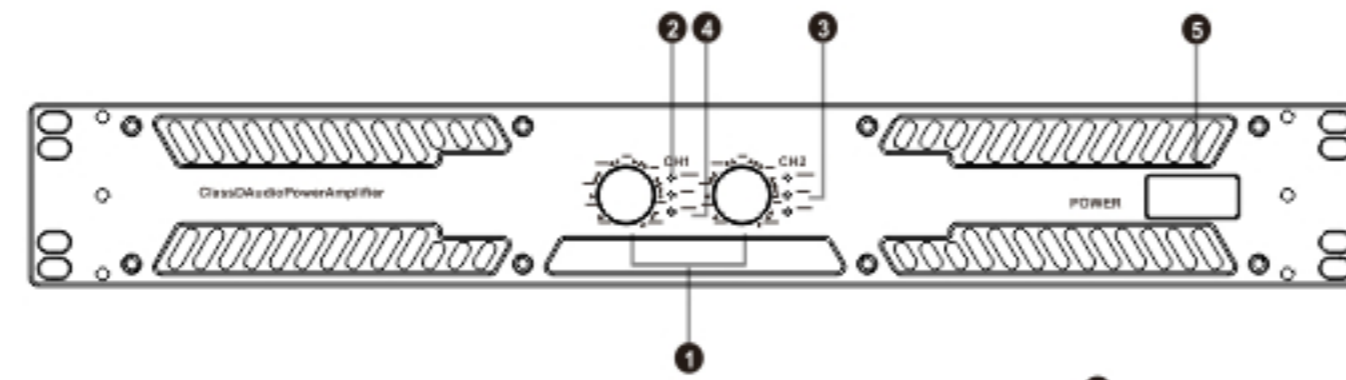


Figure 2

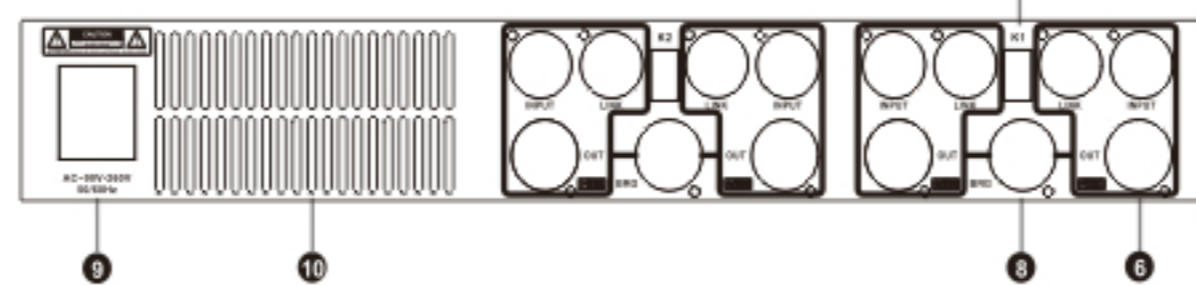
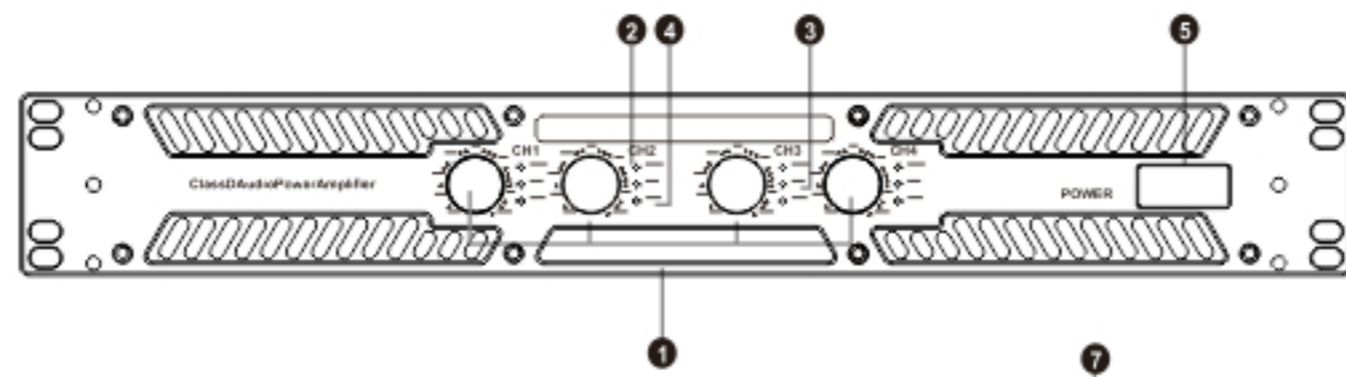
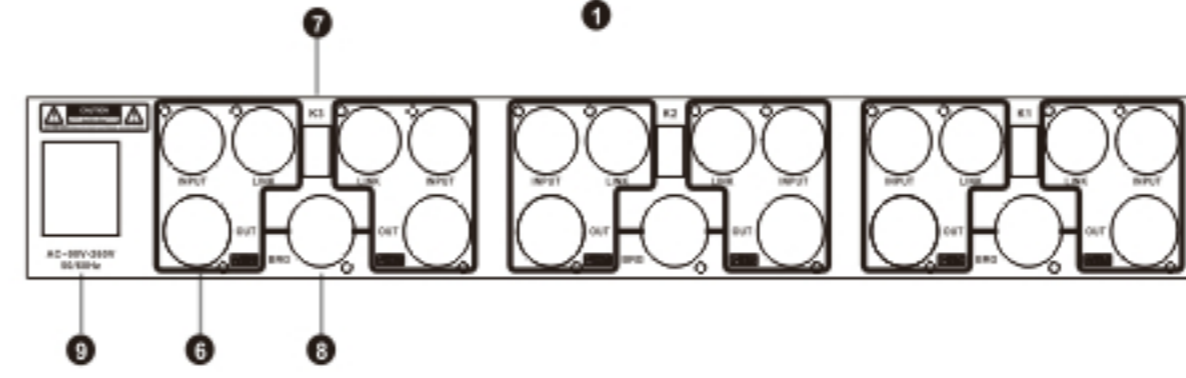
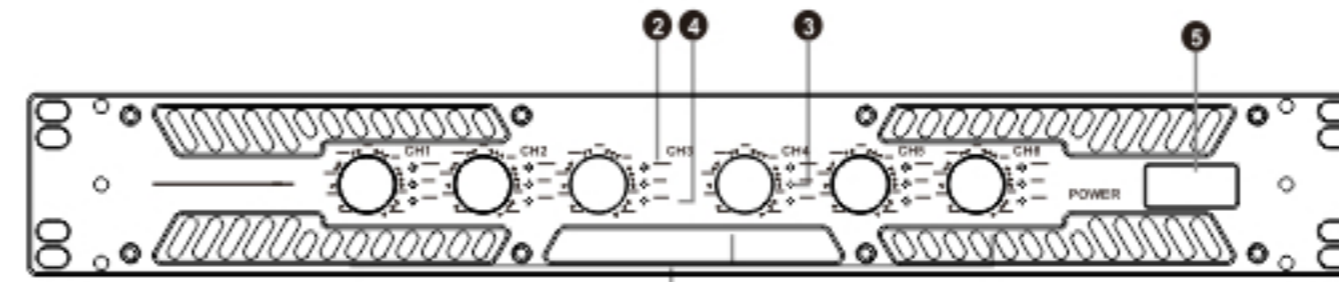


Figure 3



1. The volume control of CH1, CH2, CH3, CH4, CH5 and CH6 are controlled independently, corresponding to the input and output of the machine.
2. CLIP peak-clipping indicates that when this lamp is on, the output signal of the power amplifier channel has reached the peak, and there is a peak-clipping. If this happens, please check the output signal of the mixer or other front-end equipment and control the output gain.
3. SIG signal indicator, which indicates the output level of the channel, brightness changes with the magnitude of the output level.
4. ATC power indicator lights up when the power amplifier is activated.
5. Power switch, use this switch to turn on or off the power supply.
6. LINK uses parallel music signal input in INPUT circuit (advantages: external signals can be connected to other devices). OUT connects to speakers. BRG is bridge output.
7. K1 K2 K3 function key.

STEREO	PARALLEL	BRIDGE
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

8. When using BRG bridge mode, CH1, CH3 and CH5 volume control controls bridge input signal.
9. AC power input and fuse.
10. Ventilation vent, here is the air inlet of heat dissipation. Do not block anything. When dust is found in the filter screen, remove the small cover plate and take out the filter screen for cleaning.

Technical Parameter

Model	PA-1500Pro	PA-4000Pro	PA-6000Pro
Power Output (8 Ω)	1500WX2	1500WX4	1500WX6
Power Output (4 Ω)	3200WX2	3200WX4	3200WX6
BRG (8 Ω)	3000WX2	3000WX4	3000WX6
Frequency Response	20Hz-20KHz(±0.25 dB)		
THD	<0.005 %		
Conversion Rate	82 V/us		
Damping Factor	>950 Ω		
Dynamic Range	≥90dB		
S/N Ratio	>80dB		
Input Sensitivity	0.775Vrms		
Voltage Gain	36dB	37.8dB	38.6dB
Input Impedance (Balanced / Unbalanced)	Balance 20K / unbalance 10K		
Protect	Voltage Limit, DC, Short Circuit Switching Machine Zero Impact, Soft Start Up		
Direction of Heat Dissipation Airflow	Enter the air from the bottom of the amplifier and exit the air from the front and back of the amplifier.		
Input Voltage/Frequency	AC--90V--260V/50/60Hz		

Note: According to EIA standard test results
THD=1%. Test results with 1 KHz, 40ms pulse signal