



TONE WINNER



AD-5100PA+ User Manual

ISO9001 Certified Enterprise



TONE WINNER

Product packing list

Number	Item	Quantity
1	Manual (Include warranty card)	1 piece
2	Power cord	1 piece
3	Certificate	1 piece
4	RCA cable (4 pins)	1 piece

Pollution control labels and its content descriptions



This symbol indicates the product can be recyclable. The number 10 indicates the period of environmental protection. As long as you follow the safety and precautions related to this product, it will not cause environmental pollution or impact on human property within 10 years from the date of manufacture.

Name and content of toxic or hazardous substances or elements in the product

Part Name	Hazardous substances or elements					
	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent chromium (Cr) ⁶⁺	Polybrominated (PBB)	Biphenyls polyphenyls (PBDE)
Chassis enclosure	○	○	○	○	○	○
Electrical parts	×	○	○	○	○	○
Plastic structural parts	○	○	○	○	○	○
Metal structural parts	○	○	○	×	○	○
Cables	○	○	○	○	○	○
Transformer	○	○	○	○	○	○

Marks:

“○” means the content of the hazardous toxic substance is lower than SJ/T11363-2006 standard required.

“×” means in a homogeneous material of the component, the content of the hazardous toxic substance is higher than SJ/T11363-2006 standard required.

Note: “×” as there are no substitutable substances under the existing technology

Thank you for choosing Tonewinner brand audio products. We will serve you with "High technology, High quality and High taste" enterprise philosophy, will serve you with exquisite craft, classical circuit, high technologies, first-class quality and first-class services. We will bring all customers with our stable, reliable, durable and pleasant technology achievements!

Catalogue:

- 1.Important protective measures for attention-----2
- 2.Features overview-----4
- 3.Front panel-----5
- 4.Rear panel-----6
- 5.Specification&Satety protection Category: Class II-----7
- 6.Problem Shooting List-----8

Important protective measures for attention

	WARNING ELECTRIC DANGER DO NOT OPEN		<ul style="list-style-type: none">■ To reduce risk of electric shock, do not remove the outer cover (or back panel).■ For maintenance, it should be carried out by qualified maintenance people.■ To avoid fire and electric shock hazards, do not get the unit wet or damp.■ Safety protection category: Class I
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1. Read the protective measures: read all warning messages about protection and operation in the instructions carefully before using the equipment.

2. Follow instructions: please follow the instructions and do not violate the instructions.

3. Place the product on where manufacturer recommends: to protect equipments overturning, do not use force to push or suddenly stop when moving.

4. Keep away from water and moisture: do not place equipment near water such as bathtub, basin, sink, washing machine, etc. Do not use equipment at high temperatures high humidity environment, such as a damp basement.

5. Cleaning: Do not use liquid or mist cleaners, please use dry cloth to clean. Turn off the machine and power off before clean the equipment.

6. Power supply: use the power supply according to indication. Should have reasonable wirings, to avoid damage, do no step. Pay special attention to power plugs, receptacles and connection wirings.

7. Ventilation: the chassis of equipment is designed with venting holes. To ensure reliable performance, please avoid overheating, do not cover the equipment. Do not use the equipment on beds, sofas, carpets etc. Newspapers, tablecloths, curtains, and other objects may block

venting holes. Do not put the equipment close to window curtains. If it is built-in installation, such as bookcase or rack, make sure enough venting. Keep a distance of 10cm (4") on left, right, top and rear sides. Equipment bracket or rear of top cover should have a distance of 10 cm (4 ") to rear panel or the wall, to keep venting space.

8. Heat - to keep products away from heat sources, such as heatsinks, stoves, objects that generate heat (including power amplifiers)

9. Prevent unknown objects or liquids - objects or liquids should be prevented from falling through the holes into the equipment, because it might contact current or live parts that might cause fire or electric shock. Do not place the equipment in rain or water splashing place, do not put into water containers, such as vases.

10. Please connect well all input/output wires before power on.

11. Thunder and lightning: unplug the power cable in thunder and lightning weather, it can effectively prevent lightning impulses to protect the equipment.

12. Protections:①unplug the power supply when you do not use the manual for long period. Plug. ②Good grounding can prevent the machine from being damaged.

13. Maintenance: do not open the equipment chassis to avoid electric shock.

Please send the machine to our local designated maintenance house if you meet below circumstances and need maintenance.

- a) Unknown parts or liquid enter the machine.
- b) The equipment was soaked.
- c) Abnormal machine operation.
- d) Machine falling or machine damage.

14. Battery: for environmental protection, do not discard the waste electricity optionally.

15. Disconnection device of main power supply: this machine use power plug and coupler as the disconnecting devices. Power plug and coupler should be easily operated.

16. This product is only suitable for safe use in altitude below 2000M.



17. This product is only suitable for use in tropical climates

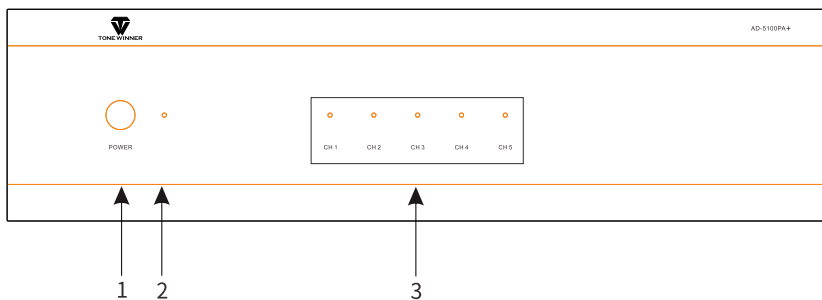


Features overview:

AD-5100PA+ is a multi- channel Atmos power amplifier, it has below features:

1. 5 way analog signal input.
2. Independently 5 way signal indicator, the brightness of each indicator will change based on the output intensity.
3. Built-in 5 way audio amplifier modules, one channel output power is as high as 100W(8Ω).
4. With all aluminum brush front panel & gold plating binding posts.
5. Intelligent air cooling system.

Front panel introduction:



1. ON/OFF button.

2. ON/Protection status indicator:

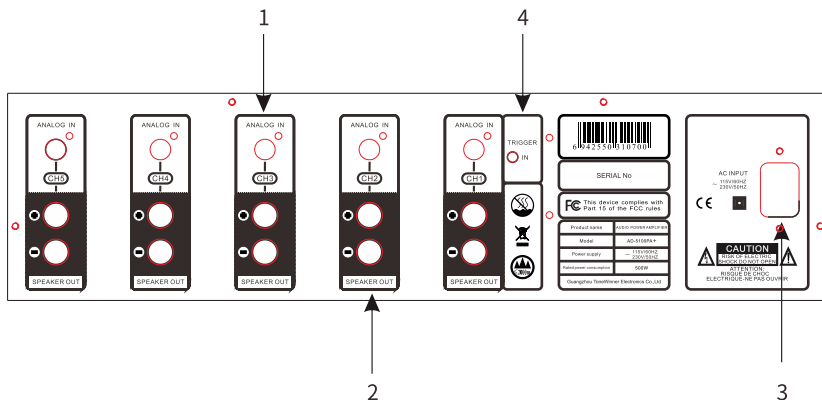
When the unit is in normal working status, the indicator lights blue, & when it is in protection status, the indicator will turn into red. If any amplify module is abnormal, the amplifier will run into protection mode automatically & stop working.

3. Signal indicator:

If a channel has signal output, the light of the corresponding indicator will be on. The brightness of the indicator will change based on the output intensity.

Remark: Please connect all the input & output terminals & other audio devices properly before turning on the amplifier. Plug or unplug the signal input terminals during the unit is working will cause false protection of the amplifier, & you can reboot to solve the problem.

Rear panel introduction:



1. Signal input ports.

2. Speaker terminals.

3. Input power

Power plug can input voltage: ~115V/230V, power frequency is 60Hz/50Hz.

4. Trigger in: For 5V to 12V automatically trigger powering on.

Offer 5V trigger in for turning on the unit.

Specification

1. S/N: $\geq 100\text{dB}$ (A weighted)
2. Frequency response: 20Hz-30KHz (+1/-3dB)
3. Distortion: $\leq 0.01\%$ (A weighted)
4. Output power:
165WRms(4 Ω , 1 channel driven, 1KHz)
105WRms(8 Ω , 1 channel driven, 1KHz)
5. Separation: $\geq 70\text{dB}$ (2 channels)
6. Power consumption: $\leq 500\text{W}$
7. Gain: $\geq 28\text{dB}$
8. Rated impedance: 8 Ω
9. Minimum EMF: $\leq 100\text{mv}$
10. NW: 9.6kgs, GW: 11kgs
11. Unit size: 431x128x352mm, Packing size: 544*210*446mm.

Safety protection category: Class II equipment.

1. Please read user manual and safety instruction carefully before use the product.
2. The product should put on dry places where are with good heat venting condition, far way from water, oil and smoke.
3. The product's safety protection category is class II, its power plug can connect to power grid of $\sim 115\text{V}/60\text{Hz}$, $230\text{V}/50\text{Hz}$.
4. To avoid electric shock, don't open the product by yourself.
5. Don't turn on and off the product too frequently, you need to wait few minutes to reboot it.
6. When the product fails, please send to professional repair store or send back to Tonewinner factory for repairs. To avoid accident happen, please don't open the unit or fix the unit by yourself.
7. The power socket, power cable, fuses, power switch and power transformer are all safety parts, if user need to replace them, please follow the same specifications on datasheet, and replace at professional repair store.

Please allow no further notification when this production has any specification changes.

Problem Shooting List:

Before contact repair person, please use below chart for checking the problem and its solution:

Problem	Solution
A. No light up display after connect to power supply.	<ol style="list-style-type: none">1. Turn off immediately2. Check power socket has electronics or not3. If both 1 and 2 are correct, the problem is still there after reboot, please send it for maintenance.
B. The unit and display work normally, but has no output.	<ol style="list-style-type: none">1. Check and make sure all cables are connected well.2. Check amplifier is normal or not.3. Check volume is set in Minimum or not.4. After above steps, if still fail, send to repair person.

NOTES



Scan QR code

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