



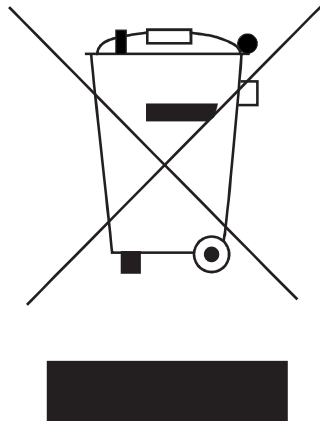
INSTRUCTIONS

CS88/CS300

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Vacuum Tube Amplifier

Attention: Your product is marked with this symbol.



It means that used electrical and electronic products should not be mixed with general household waste. There is a separate collection system for these products.

#### A. Information on Disposal for Users (private household).

##### 1. In the European Union

Attention: If You want to dispose of this equipment, please do not use the ordinary dust bin.

Used electrical and electronic equipment must be treated separately and in accordance with legislation that requires proper treatment, recovery and recycling of used electrical and electronic equipment.

Following the implementation by member states, private household within the EU states may return their used electrical and electronic equipment to designated collection facilities free of charge\*. In some countries\* your local retailer may also take back your local authority for further details.

If you used electrical or electronic equipment has batteries or accumulators, please dispose of these separately beforehand according to local requirements.

By disposing of this product you will help ensure that waste undergoes the necessary treatment, recovery and recycling and thus prevent potential negative effects on the environment and human health which could otherwise arise due to inappropriate waste handling.

##### 2. In the other Countries outside EU

If you wish to discard this product, please contact your local authorities and ask for the correct method of disposal.

For Switzerland: Used electrical or electronic equipment can be returned free of charge to dealer, even if you don't purchase a new product. Further collection facilities are listed on the homepage of [www.swico.ch](http://www.swico.ch) or [www.sens.ch](http://www.sens.ch).

#### B. Information on Disposal of Business Users

##### 1. In the European Union

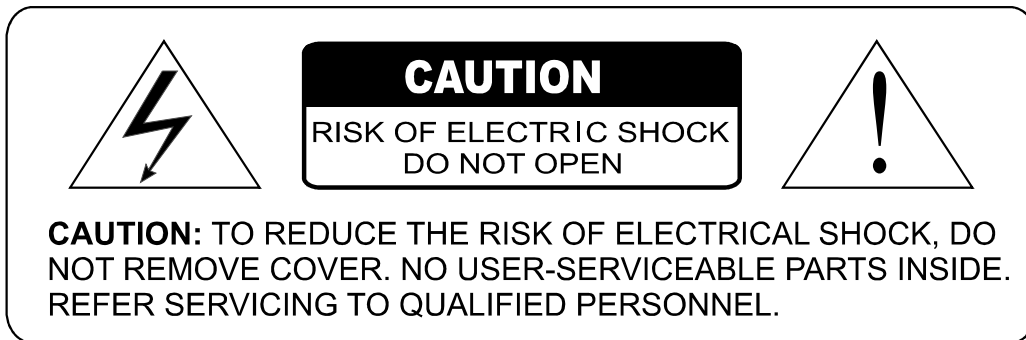
If the product is used for business and you want to discard it:

Please contact local dealer who will inform you about the take-back of the product. You might be charged for the costs arising from take-back and recycling. Small products (and small amounts) might be taken back by your local collection facilities.

##### 2. In the other Countries outside the EU

If you wish to discard of this product, please contact your local authorities and ask for the correct method of disposal.

**WARNING:** TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.



**CAUTION**  
RISK OF ELECTRIC SHOCK  
DO NOT OPEN

**CAUTION:** TO REDUCE THE RISK OF ELECTRICAL SHOCK, DO NOT REMOVE COVER. NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED PERSONNEL.



### Dangerous Voltage

The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to presence of uninsulated "Dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



### Important Instructions

The exclamation point within an equilateral triangle is intended to alert the user to presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.



Marking by the "CE" symbol (shown left) indicates compliance of this device with the EMS (Electromagnetic Compatibility) and LVD (low voltage directive) standards of the European Community.

## Before Use

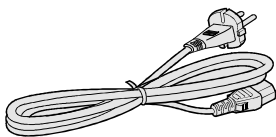
Please read all instructions and precautions carefully and completely before operating your amplifier.

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Always keep this unit out of the reach of children.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus ( including amplifiers) that produce heat.
9. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
10. Unplug this apparatus during lightning storms or when unused for a long time.
11. Always disconnect your entire system from the AC mains before connecting or disconnecting any cable, or when cleaning any component.
12. This product must be terminated with a three conductor AC mains power cord which includes an earth ground connection, to prevent shock hazard, all three connections must always be used.
13. AC extension cords are not recommended for use with this product.
14. Never use flammable or combustible chemicals for cleaning audio components.
15. Never operate this product with any cover removed.
16. Never pour or spill liquids directly onto this unit.
17. Never block air flow through ventilation slots or heat sinks.
18. Never by pass any fuse.
19. Never replace any fuse with a value or type other than those specified.
20. Never attempt to repair this product, if a problem occurs, contact your dealer.
21. Never expose this product to extremely high or low temperatures.
22. Never operate this product in an explosive atmosphere.

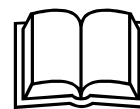
## Check Accessory

Unpack your CS300/CS88 Vacuum Tube amplifier and keep all packing materials for future transport or service, locate and remove all accessory items from the accessory box within the controller shipping carton.

Accessories Included:

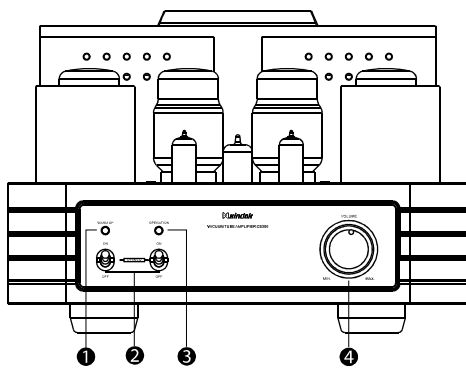


1. AC power cord × 1



2. User manual (This manual)

## Appearance



Front view

**1 Warm-up Indicator**

When the device enters warm-up state, this indicator lights.

**2 Power Button**

When turn on any one of the power buttons, the warm-up indicator lights, that means this device enters warm-up state. When turn on the other power button, the operation work indicator lights also, that means the device enters normal working state.

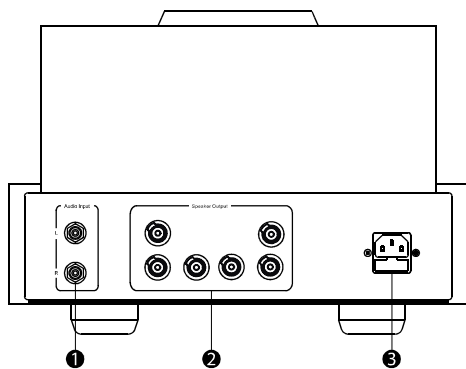
When turn off any one of the power buttons, the operation indicator goes out, and the device quits from the working state. When turn off both of the two power buttons both, the device enters power off state.

**3 Operation Indicator**

When the device enters normal working state, this indicator will light.

**4 Volume Knob**

Turn this knob clockwise can increase the volume. Turn this knob anticlockwise can reduce the volume.



Back view

**1 Signal Input Terminals**

For connecting with input signal by interconnect cables with RCA connectors.

**2 Speaker Binding Ports**

This device are equipped with 4 ohms and 8 ohms two kinds of output ports. Please select one kind of them for connection basing on your speaker impedance.

**3 Power Supply Input 3-wires Socket**

By that, can connect this device to wall outlet by attached or other specific power cords.

### Operation Instruction

**Operation flow of this product:**

1. Connect this amplifier with other equipments before power on;
2. After checking all of the equipments have been connected well, turn the volume knob to the minimum position, and then get through the power supply. Turn on any one of the power buttons, then the warm-up indicator lights. After 60 seconds, turn on the other power buttons, and the operation indicator lights. That means the device enters normal working state.
3. Set the volume of CD-Player, or such sound source to the minimum, turn off any one of the power buttons. Then the operation indicator goes out and the device quits from working state. After 60 seconds, turn off the other power buttons, and the device is powered off. At the end, power off the other equipments.

## Specifications

Specifications	CS88	CS300
Power output	60W(THD 4.5%)	10W(THD 5%)
Input impedance	50k $\Omega$	50k $\Omega$
Output impedance	4 $\Omega$ , 8 $\Omega$	4 $\Omega$ , 8 $\Omega$
Frequency response	10Hz-30KHz	10Hz-20KHz
Distortion	0.25%	0.3%
SNR	89dB	80dB
Input sensitivity	310mV	300mV
Power Consumption	390W(full loading output)	260W(full loading output)
Input	RCA/1 Pair	RCA/1 Pair
Vacuum Tubes	EL84*2, 12AX7*1, KT88*4	300B*2, 6SN7GT*2, 12AX7*1, 5Z3P*1
Dimensions(W×D×H)	344mm×483mm×242mm	344mm×483mm×242mm
Net weight	27.5kg	27kg

\* All specifications, dimensions and weights are subject to change without notice.



No.126, Section 2, East 1 Round Chengdu, Sichuan, China P.C. 610051

You can find your nearest authorized distributor and more product information on our website:  
[www.xindak.com](http://www.xindak.com)



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