

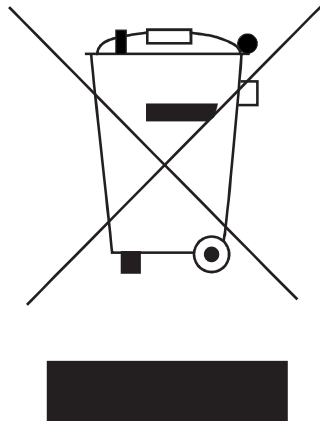


INSTRUCTIONS

MS-3

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 or www.sens.ch.

B. Information on Disposal of Business Users

1. In the European Union

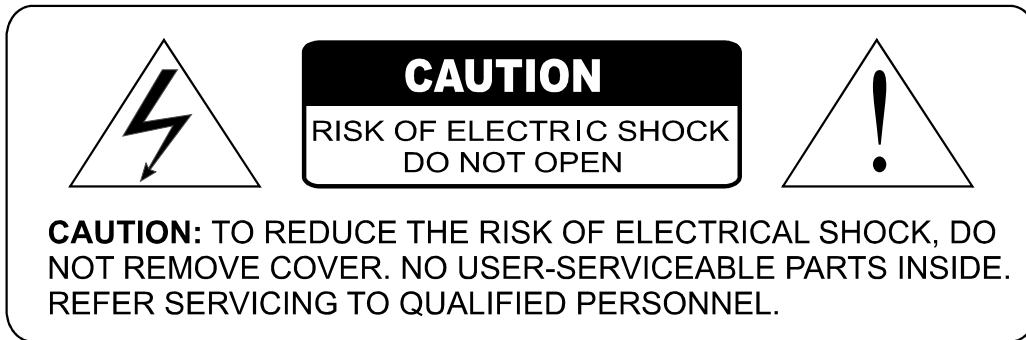
If the product is used for business and you want to discard it:

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.

1.1 Before Use

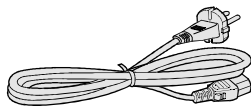
Please read all instructions and precautions carefully and completely before operating this amplifier.

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.

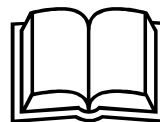
1.2 Check Accessory

Unpack this product 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:



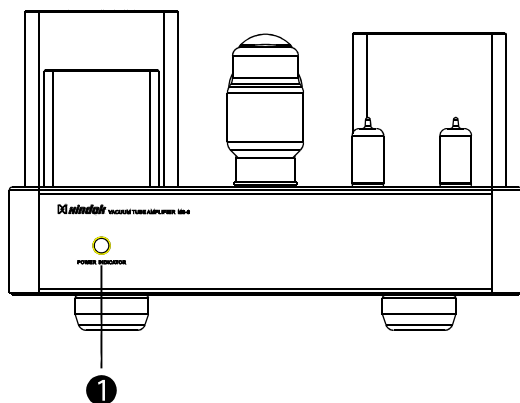
1. One piece of AC power cord



2. One piece of user manual (This manual)

2.1 Panel

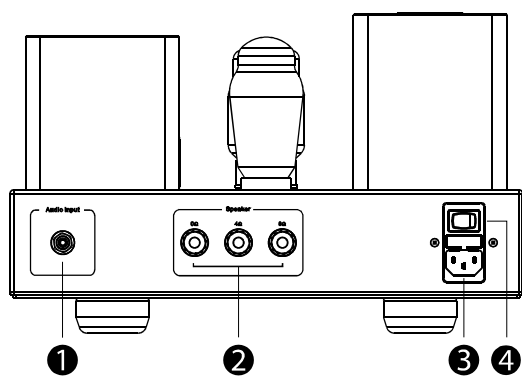
Front view



1 Power Indicator

When the device works in order, this indicator is always light.

Back view



1 Audio Input

Connect the input signal by RCA.

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

It can connect this device to wall outlet by attached or other specific power cords.

4 Power ON/OFF

Press this button turn on or turn off the power.

3.1 Specifications

Power output-----	(60W/22V) (THD 3%)
Input impedance -----	50k Ω
Output impedance -----	4 Ω , 8 Ω
Frequency response-----	10Hz-30KHz
Distortion-----	0.25%(1kHz/2V)
SNR-----	>90dB
Input sensitivity-----	400mV/60W
Input-----	RCA/1 Group
Tube-----	12AT7/1, 12AX7/1, KT88/2, 5Z3P/1
Dimensions(W×D×H) -----	350mm×270mm×227mm
Net weight -----	19kg

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



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You can find your nearest authorized distributor and more product information on our website:
www.xindak.com



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