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CANOR SH-1 headphone amplifier User Guide

Dear lover of music,

thank you, that you have purchased our CANOR SH-1 headphone amplifier. To preserve and maintain the best characteristics of your amplifier, we recommend you carefully read the following lines.

Safety instructions

Please, read before placing the device in action.

1. Read the instructions - all safety information and instructions should be read before using the amplifier.
2. Keep instructions - security and user instructions should be stored for possible later use.
3. Follow the instructions - all the security and user instructions should be followed.
4. Water and moisture - preamplifier should not be placed near water, for example near the baths, swimming pool, kitchen sink, etc..
5. Accessories - do not use accessories not recommended by the manufacturer.
6. Location - do not put a device on the fragile backing. The device may fall, which can cause serious injuries to children or adults, as well as damage to the device. Use only backings or stands recommended by the manufacturer or sold to dealers at the same time with this device. Any location of the device should be in accordance with the manufacturer's instructions and only accessories recommended by the manufacturer should be used.
7. Wall mounting - the device should be mounted on the wall only if the manufacturer recommends.
8. Ventilation - equipment should be placed so that it guarantees it a good airflow. This means that it must not lie on the sofa or upholstered furniture, in the working condition it must not be covered. It would then prevent proper air flow around the vent holes of device.
9. Heat – the device must be located so as to avoid the heating from heat sources, for example heaters or stoves or other heat-producing equipment. The distance from the rear wall of the device may not be less than 10 cm, and 20 cm above the area of the amplifier may also be no obstacle.

10. Power source - the device must be connected only to a power supply, for which it is proposed.
11. Power cord - it is necessary to pay particular attention to a power cord, it must be positioned so as to avoid stepping on it and to ensure it is protected against mechanical damage.
12. The longer the period during which you do not use the preamplifier – you should disconnect the power cord from the mains supply, or at least turn off the main power switch located on the front panel.
13. Subjects containing liquid - do not place these objects (vases, flower pots), so that they can fall on the preamplifier, possibly a fluid could leak out of them on the unit.
14. Damage requiring service - equipment should be repaired only to qualified service.
Once:
 - a) power cord is damaged
 - b) the device fell into the water or was poured
 - c) the device was exposed to rain
 - d) the device works incorrectly
 - e) the device fell to the ground or is otherwise mechanically damaged.
15. Repairs - all repairs must be entrusted to qualified service.
16. General warning - use the device only in accordance with the instructions.

Caution! To help you avoid an electric shock, do not expose the amplifier to rain or moisture.

Signal and headphones connections

Signal input and output connections: The input connections are made via input socket at the rear of the unit. Inputs and outputs use RCA connectors and should be connected in accordance with the standard convention – right channel – RED – left channel – WHITE. Headphones output connections are made via the standard 3 - pole 6,3mm jack plug.

Caution! Make all connections only if the device is disconnected from the mains

Switching on

If you have already connected all signal sources and speakers, connect the amplifier to the mains. Please ensure the position of the volume control is fully counterclockwise (zero volume).

Turn the amplifier on with power switch located at the front of the unit.

Operate the input source and increase the volume control in a clockwise direction until an audio signal is observed and you hear the sound from the speakers. If for any reason no output is observed, please refer to the trouble-shooting guide.

Trouble-shooting guide

The amplifier is completely broken: power cord is not properly connected to the mains

Solution: connect the cable properly

No input signal to one or both channels:

Solution: select correct signal source using the input buttons

Verify that the input signal cables are properly connected.

Verify that the three - pole 6,3mm jack from the headphones is plugged deep enough.

Caution! Inside your CANOR SH-1 headphone amplifier there are no parts or adjusting features that user can set or correct

Service

Should you encounter a problem which you are not able to alleviate or identify despite above information, please contact your dealer for further advice. Only when the problem cannot be resolved should the unit be sent to the responsible distributor in your country.

European Community Directives

This product is designed and manufactured in order to comply with existing laws of the European Community. This product is certified by testing laboratory and bears the CE mark.



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Specification

Power output	400mW into 30 Ohms or 70mW into 300 Ohms
Input impedance	22 kOhms
Signal to noise	>95dB unweighted ref. full output (106dB 'A' weighted ref. full output)
Frequency response	30Hz - 20kHz/-0,05dB (10Hz – 120kHz / -0,9dB) / 300 Ohms
Gain	10,5dB
THD	<0,05%
Headphone jack	3-pole 6,3mm Ø phono socket
Power supply	16V/1000mA AC
Dimensions WxHxD	210 x 295 x 88mm
Weight	2.6 kg without power supply