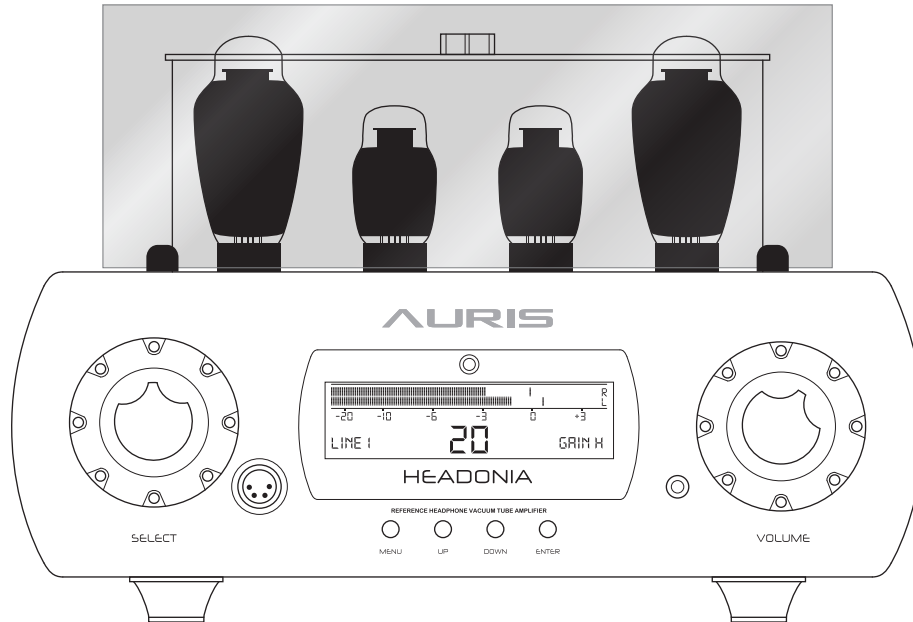


AURIS HEADONIA 300B

High End Headphone Amplifier



MUSIC WITHOUT LIMITS

OWNER'S MANUAL

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Introduction

Welcome to the Auris Audio Family

A decade has passed since the groundbreaking design of the first Headonia 2A3, and four years since its production concluded. Now, we're proud to unveil the Headonia 300B—an amplifier that not only surpasses its predecessors but sets a new benchmark in reference amplification.

In a world where headphones demand more power than ever before, compromises were not an option. We meticulously engineered the Headonia 300B to deliver unparalleled flexibility, supporting headphones of various impedances and power requirements without sacrificing sound quality.

Package contents

Beside the device, this package contains:

- Vacuum Tubes 2x300B, 2xCV181/6SN7
- Warranty



Important Safety Instructions

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. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. USA and Canada only: A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Unplug this apparatus during lightning storms or when unused for long periods of time.
13. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
14. **WARNING:** To reduce the risk of fire or electric shock, this apparatus should not be exposed to rain or moisture and objects filled with liquids, such as vases, should not be placed on this apparatus.
15. To completely disconnect this equipment from the mains, disconnect the power supply cord plug from the receptacle.
16. The mains plug of the power supply cord shall remain readily operable.

Installation

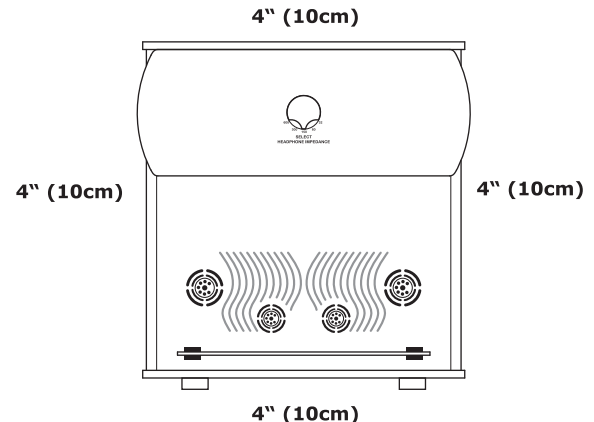
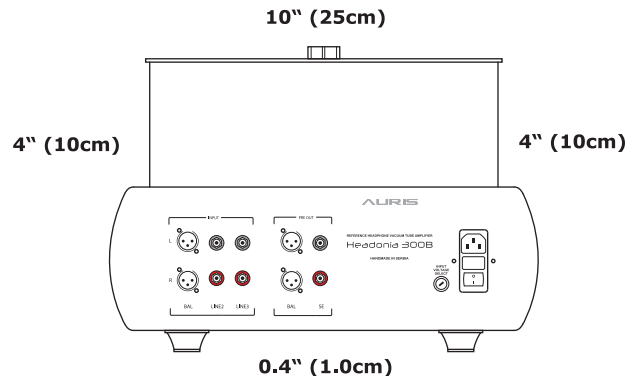
Always provide adequate ventilation for Headonia 300B. Cool operation ensures the longest possible operating life for any electronic instrument. Do not install the Headonia 300B directly above a heat generating component such as a high powered amplifier. If all the components are installed in a single cabinet, a quiet running ventilation fan can definitely be an asset in maintaining all the system components at the coolest possible operating temperature.

A custom cabinet installation should provide the following minimum spacing dimensions for cool operation.

Allow at least 10 inches (25cm) above the top, 1.4 inches (3.5cm) at the bottom and 4 inches (10cm) on each side of the unit, so that airflow is not obstructed.

Feel free to contact the Auris Customers Service department for any further questions or for additional assistance.

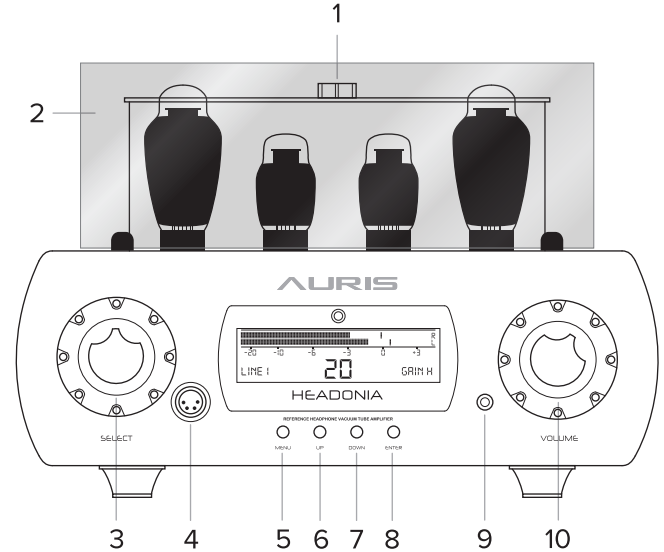
support@aurisaudio.rs



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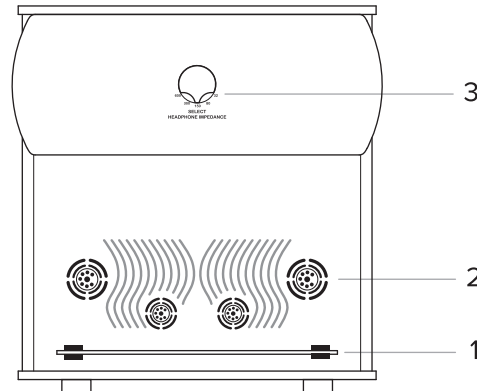
Front Panel

1. Impedance Selector
2. Glass Protection
3. Input Selector Knob
4. Balanced Headphone XLR Out
5. Menu Button
6. Up Menu Button
7. Down Menu Button
8. Enter Menu Button
9. SE Headphone Out
10. Volume Knob



Top Panel

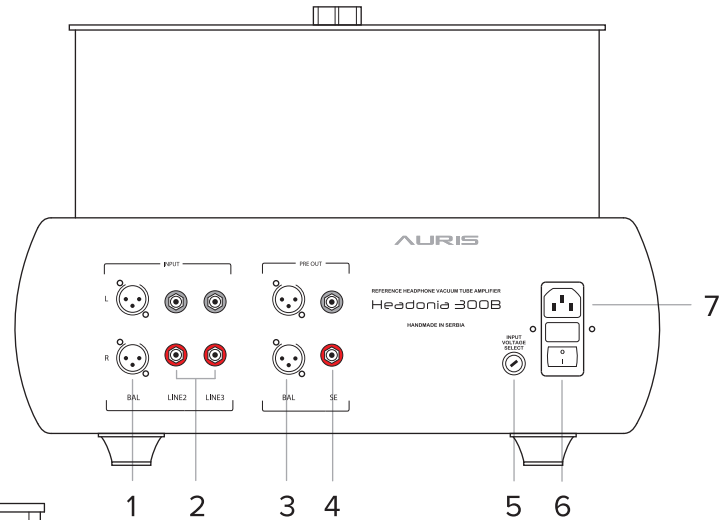
1. Glass Protection
2. Tubes
3. Impedance Selector



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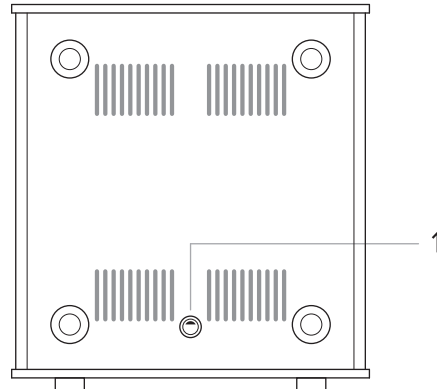
Back Panel

1. Balanced XLR Input
2. RCA Inputs
3. PreOut XLR
4. PreOut RCA
5. Voltage Selector
6. On/Off Button
7. Power Cord Inlet

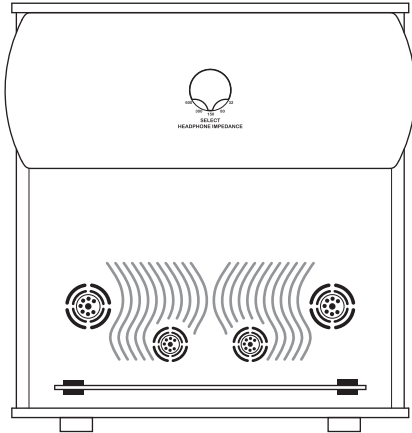


Bottom Panel

1. On/Off Button



Vacuum Tubes Installation



Before inserting the tubes, inspect them for cracks and physical damage. Make sure that the pins are straight. If you need to straighten the pins, be very careful as that may cause the glass envelope to break, causing the tube to lose the vacuum and fail as soon as the amplifier is powered on. Locate correct location for each tube, carefully align the pins with the socket and gently insert the tube.

Never force a tube into a socket!

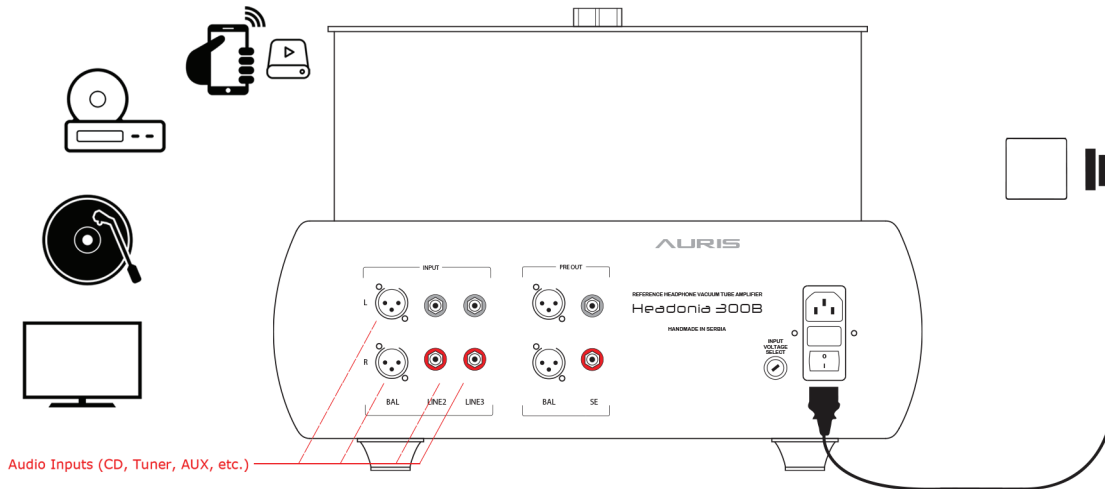
It is normal for vacuum tube equipment to run warm if used for prolonged periods. Tubes are operating at much higher temperatures and should not be touched for at least ten minutes after the unit is turned off to prevent burns. Always place your amplifier away from children and pets to prevent burns.

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Connecting

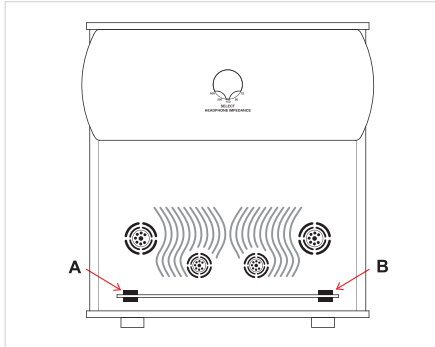
1. Make sure that you read the instructions before attempting to operate your unit.
2. Connect your amplifier to an input source of your choice.
3. Attach headphones to the amplifier.
4. Make sure your amplifier is properly connected to a high-current power receptacle.
5. At the end of your listening session make sure to turn the amplifier off.

The amplifier should always be turned on and off via its own power on-off switch.



Glass Installation Guide

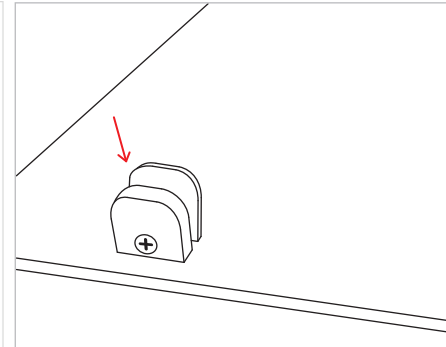
Step 1. Find the position of two glass holders (A and B)



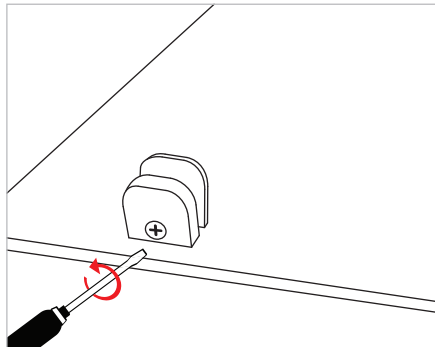
Step 2. Get a screwdriver



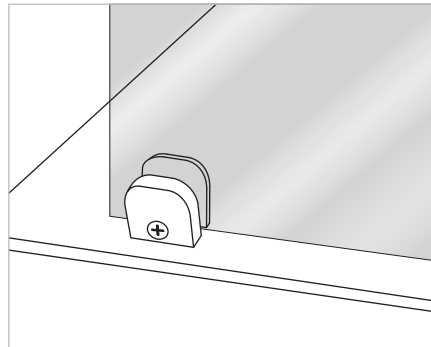
Step 3. Find the screws in the glass holder at the position A and the glass holder at the position B



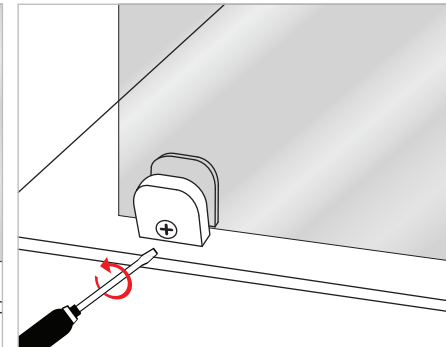
Step 4. Remove the screws from glass holder at the position A and a glass holder at the position B



Step 5. Insert the glass into the glass holder at the position A and a glass holder at the position B

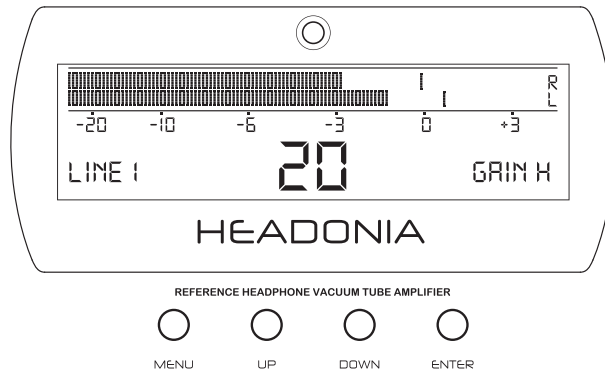


Step 6. Screw in the glass holder at the position A and a glass holder at the position B



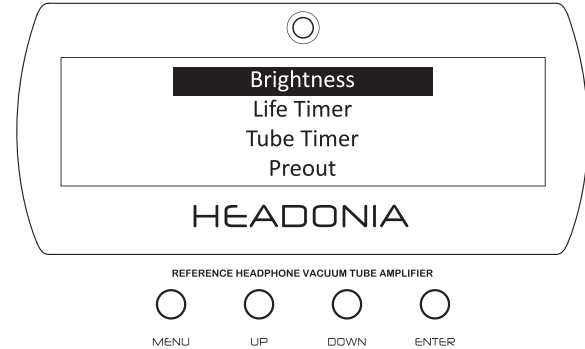
Menu Navigation

- Press the "MENU" button to access the menu interface
- Use the "UP" or "DOWN" buttons to navigate through the menu options
- Press "ENTER" to confirm your selection and enter a submenu or activate a function
- Press the "MENU" button again to return to the previous menu or exit the menu interface entirely

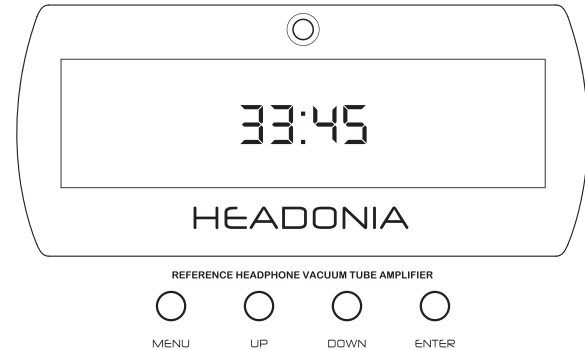


Menu Options

Brightness: Adjust the intensity of the screen backlight for optimal viewing in different lighting conditions

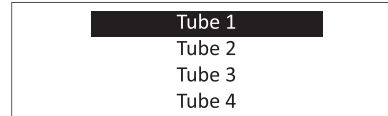


Life Timer: Displays the cumulative operating time of the amplifier, providing insight into its usage history. This timer cannot be reset.

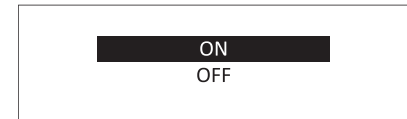
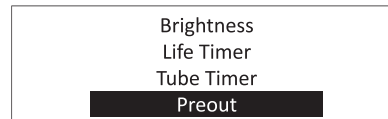


Menu Options

Tube Timer: Monitors the operational lifespan of the amplifier's tubes. This timer can be reset, allowing users to track tube replacements and maintenance intervals accurately.



Pre Out: Activates the Headonia 300B's pre-amplification functionality, enabling it to serve as a preamplifier for other audio equipment in your setup.



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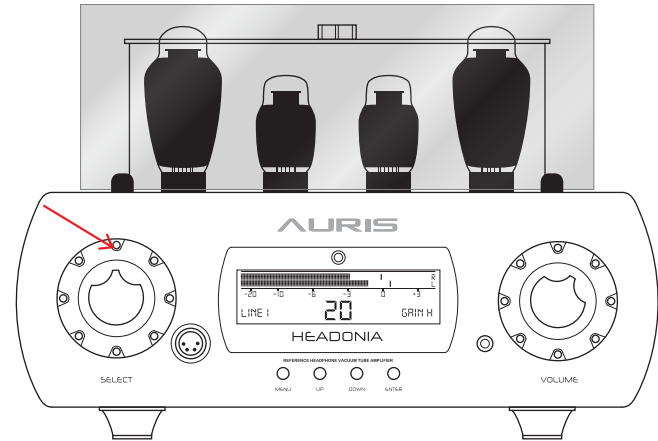
Gain

To change the Gain mode to High or Low, you only need to slightly press the Select Knob.

Automatic volume adjustment:

When switching from high gain mode to low gain mode after listening to very loud music, the volume button will automatically lower the volume slightly to protect your headphones from potential damage.

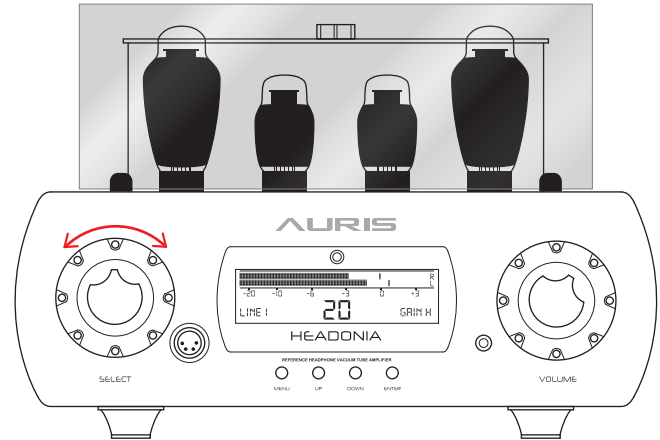
This feature ensures the safety of your headphones by preventing sudden loud sounds when switching from high to low gain settings, providing added convenience and protection for your audio equipment.



Input Line Selection

- Use the Selector Knob to choose the input line
- Slightly turn the Knob to the left or right to navigate between available inputs options

This intuitive method allows the user to effortlessly select the desired input line by simply turning the selector knob left or right, providing ease of use and seamless integration into your audio setup.



Specifications

Analog Inputs:
2 x RCA, 1 x XLR

Analog Outputs:
1 x 6.3mm, 1 x XLR

Pre Out:
1 x RCA, 1 x XLR

Tubes:
2 x 300B, 2 x CV181/6SN7

Max Power Outputs:
7W

Output Impedance:
32/80/150/300/600 Ohm

Dimensions:
46 x 44 x 31cm
18.11" x 17.32" x 12.20"

Weight:
23 kg / 20.70 lbs

HEADPHONES	SE OUT	BAL OUT
Max power is the same for any impedance [32, 80, 150, 300, 600 ohm]. Use the impedance selector to match it with the headphone impedance!	7W 32 ohm = 15V at the output 80 ohm = 23.5V 150 ohm = 32.5V 300 ohm = 46V 600 ohm = 65V	7W 32 ohm = 15V at the output 80 ohm = 23.5V 150 ohm = 32.5V 300 ohm = 46V 600 ohm = 65V
THD+N	0.4% at 1W of out power 2% max power Low Gain 7% at max power High Gain	0.4% at 1W of out power 2% max power Low Gain 7% at max power High Gain
Frequency response	±0.45 dB at 1W ±0.9 dB at Max power	±0.45 dB at 1W ±0.9 dB at Max power
SNR	100dB	100dB
	SE input	BAL input
Input sensitivity (for max power/voltage at output)	0.8V	1.6V
PRE-OUT		
Max output voltage	17V	
THD+N	0.06% for VOL <20 [Vout=7V]	
Frequency response	±0.2 dB for VOL<20 [Vout=7V]	
SNR	100dB	

Warranty

The product you have purchased is designed to give you enjoyment in your favorite music. However it is possible that a failure occurs even this precise-made, high quality equipment. In this case, please read the enclosed warranty carefully which contains your rights, limitations, exclusions and obligations.

Auris Audio warranty terms and condition

- Please register your product within 30 days of purchase, otherwise the warranty will not apply.
- Auris Audio products come with a two years limited warranty against defects in materials and workmanship.
- Guarantee service is available only in the region/country of original sale
- The guarantees start from the invoice-issue date
- Original invoice must be produced for the authentication prior to any warranty claim.
- Warranty is provided to the original owner only and is not transferable to any third party.
- The warranty does not cover if the product:
 - a) is stored in a humid environment
 - b) has not been maintained in accordance with any operating or handling instructions provided by Auris Audio
 - c) has been used other than in accordance with the product operating and handling instructions
 - d) has any service or modification performed by an unauthorized person or company
 - e) is not purchased from Auris Audio or an a Auris Audio Authorized Partner
 - f) has repair work performed by the end user or any non-authorized repair center.
 - g) has normal wear tear and cosmetic damage
 - h) was sold "as is", "as seen"
 - i) is connected equipment
 - j) causes personal injury
- Auris Audio will during the warranty period repair the product to working order or if this is not possible, Auris Audio will replace the product with the same or similar a available product.
- Any parts/device that are replaced will become the property of Auris Audio
- After the warranty period, all repairs and shipping costs will be charged to the owner.
- Any repair or replacement under this warranty will not extend the prior warranty.

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