

# HA13S

tube headphone amplifier with selectable  
output impedance



# RSE

OWNER'S MANUAL

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## **FROM HEAD OF TECHNOLOGY (Introduction)**

*Inspired by the high power potential and the exquisite beauty of the output tube (6N13S), our team has meticulously designed and crafted a classical device that embodies traditional architecture while incorporating modern features. This fusion of timeless design and cutting-edge technology ensures a seamless and enjoyable audio experience for our users.*

*The tube headphone preamplifier boasts exceptional audio quality, delivering rich and immersive sound that truly brings music to life. The use of the 6N13S output tube enhances the overall performance, providing a warm and natural sound signature that audiophiles will appreciate.*

*In terms of design, we have carefully selected premium materials and components to ensure durability and longevity. The sleek and elegant aesthetics of the amplifier make it a stylish addition to any interior, while its compact size allows for easy placement and portability.*

*We are confident that our tube headphone preamplifier will be well-received by audiophiles, music enthusiasts, and professionals alike. Its exceptional audio performance, timeless design, and modern features make it a standout product in the market.*

*Thank you for your continued support and trust in our technological expertise.*

*Sincerely,  
Roman Shevchenko*

## **MAINS CONNECTION**

The RSE HA13S headphone amplifier can be powered with either a 230V or 110V grid. It is important to note that the voltage is predefined by the manufacturer and cannot be adjusted operatively. To ensure safe and proper operation of the device, please follow these guidelines when connecting it to the mains:

1. Use only the power cord supplied with the HA13S, or a replacement cord specified by the manufacturer.
2. Connect the power cord to a properly grounded AC outlet.
3. Do not use an extension cord or power strip with the HA13S.
4. If you need to disconnect the power cord from the HA13S, always pull it out by grasping the plug. Do not pull on the cord itself.
5. If you are unsure about any aspect of mains connection, or if you experience any issues with the VMU-1 after connecting it to the mains, please consult a qualified electrician or contact RSE customer support for assistance.

By following these guidelines, you can ensure safe and reliable operation of your RSE HA13S tube headphone amplifier.

## **FUSE REPLACEMENT**

In the event that the fuse in your RSE HA13S needs to be replaced, it is important to use a 1A/250V slow fuse. To replace the fuse, follow these steps:

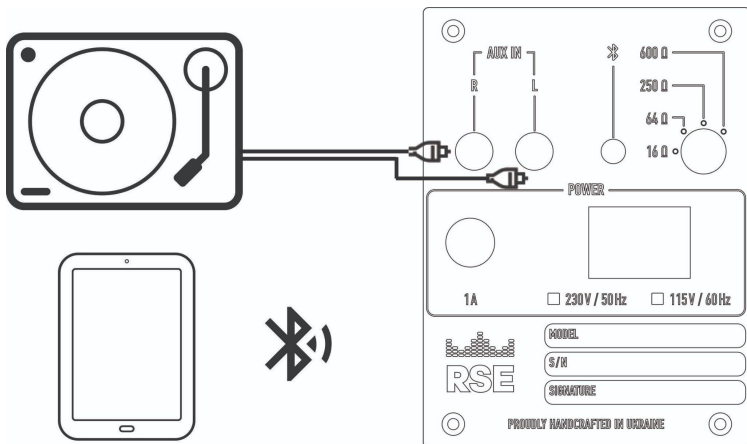
1. Unplug the power cord from the AC outlet and disconnect it from the device.
2. Locate the fuse holder on the rear panel of the HA13S .
3. Gently open the fuse holder.
4. Remove the old fuse and replace it with a new 1A/250V slow fuse.
5. Close the fuse holder back into place.
6. Reconnect the power cord to the HA13S and plug it back into the AC outlet.
7. Turn on the HA13S and check that it is functioning properly.

If you experience any issues with the HA13S after replacing the fuse, please consult a qualified electrician or contact RSE customer support for assistance. Never use a fuse with a different rating or type than specified by the manufacturer, as this can cause damage to the device and create a safety hazard.

## SIGNAL CONNECTION

The RSE HA13S is equipped with unbalanced RCA connectors for input and TRS (Jack) 6.3mm output connections.

RCA connectors are widely used in home theater systems, audio amplifiers, televisions, DVD players, and other audio/video devices. They provide a simple and reliable method for connecting audio sources, such as CD players, turntables, and audio receivers, to speakers or amplifiers.

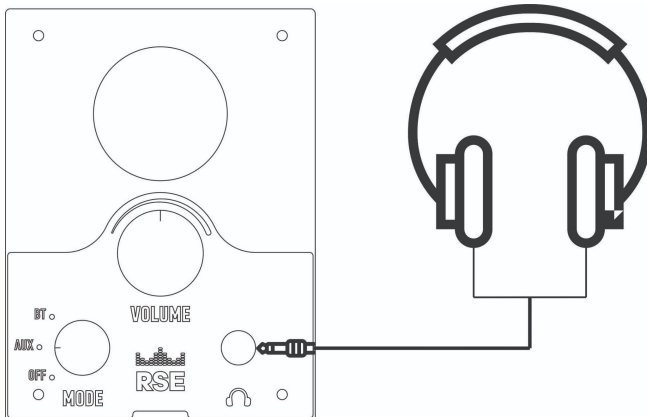


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## OPERATIONAL NOTES & ADJUSTMENTS

The front panel of the RSE includes the power control switcher combined with the input source switcher (**MODE**). In the first position, the device is Off. If one of the input sources is selected, the device powers on automatically. The **VOLUME** knob works, traditionally raising the volume while the knob is being rotated clockwise.

The output of the device only supports wired headphones with an impedance of 16 - 600 Ohm, even though it has Bluetooth input. To ensure the correct output signal level for the headphones, select the according value of output impedance by the specified selector on the rear panel. This allows for compatibility with a variety of headphone models and ensures optimal audio quality.



## **SPECIFICATIONS**

- Architecture: Class A tubes-only two-stage amplifier
- Frequency response: 20Hz-20kHz (+/-3dB)
- Load capability: 16 - 600 Ohm (Selectable diapasons)
- Input source: Selectable (Line/Bluetooth)
- Max output power: 500mw
- Power dissipation: 35w
- Dimensions: 260\*120mm
- Chassis material: 1mm steel
- Used tubes: 6N2P & 6N13S (NOS)