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Rockville TubeHead

Rockville TubeHead Tube Headphone Amplifier User Manual

INTRODUCTION

Thank you for purchasing the Rockville TubeHead Tube Headphone Amplifier. This compact amplifier is designed to enhance your audio listening experience by providing a warm, rich sound characteristic of vacuum tube amplification. Featuring dual 6K4 tubes and a powerful 180mW output, it is compatible with headphones ranging from 16 to 600 Ohms, making it suitable for audiophiles and studio monitoring applications. Please read this manual thoroughly to ensure proper setup and operation.



This image shows the Rockville TubeHead amplifier from a slight angle, highlighting its compact black chassis and the two

prominent 6K4 vacuum tubes. The front panel features the power switch, headphone jack, and volume knob.

SAFETY INSTRUCTIONS

- Do not expose this unit to rain or moisture.
- Do not remove the cover. There are no user-serviceable parts inside. Refer servicing to qualified personnel.
- Ensure proper ventilation around the unit. Do not block ventilation openings.
- The vacuum tubes can become hot during operation. Avoid touching them directly. Allow them to cool before handling.
- Always use the provided 12V 1A power adapter. Using an incorrect adapter may damage the unit.
- Avoid listening at high volume levels for extended periods to prevent hearing damage.
- Place the unit on a stable, level surface to prevent accidental falls.

PACKAGE CONTENTS

- Rockville TubeHead Tube Headphone Amplifier
- Two (2) 6K4 Vacuum Tubes
- 12V 1A US Power Supply
- Owner's Manual
- Product Warranty Card



This image displays the complete package contents: the Rockville TubeHead amplifier, a 12V 1A US power supply, two 6K4 vacuum tubes, an owner's manual, and a product warranty card.

PRODUCT OVERVIEW

Front Panel



A direct front view of the Rockville TubeHead amplifier. Clearly visible are the 'POWER' toggle switch, the 1/4-inch headphone output jack, and the large 'VOLUME' control knob on the right side. The Rockville logo and 'Tube Head' branding are also present.

- **Power Switch:** Toggles the unit on or off.
- **Headphone Output (1/4-inch):** Connect your headphones here.
- **Volume Knob:** Adjusts the output volume level.

Rear Panel



The rear panel of the Rockville TubeHead amplifier. It features stereo RCA inputs labeled 'LINE 1' and 'LINE 2', an input selector switch between them, and a 'DC 12V' power input jack on the right. The 'INPUTS' label is prominently displayed.

- **RCA Inputs (LINE 1 & LINE 2):** Connect your audio source devices (e.g., CD player, DAC, computer) using RCA cables.
- **Input Selector Switch:** Selects between LINE 1 and LINE 2 audio inputs.
- **DC 12V Power Input:** Connect the included 12V 1A power adapter here.

SETUP

1. Tube Installation

1. Carefully remove the two 6K4 vacuum tubes from their packaging.
2. Align the pins on the bottom of each tube with the corresponding holes in the tube sockets on top of the amplifier.
3. Gently push each tube straight down into its socket until it is firmly seated. Do not force the tubes.

2. Connecting Audio Source

1. Using RCA cables, connect your audio source device (e.g., computer, DAC, smartphone with adapter) to either the LINE 1 or LINE 2 RCA inputs on the rear panel of the TubeHead amplifier.
2. Ensure the left (white) and right (red) channels are connected correctly.

3. Connecting Headphones

1. Plug your headphones into the 1/4-inch headphone output jack on the front panel.

4. Power Connection

1. Ensure the amplifier's power switch is in the OFF position.
2. Connect the included 12V 1A power adapter to the DC 12V input jack on the rear panel.
3. Plug the power adapter into a standard electrical outlet.

OPERATING INSTRUCTIONS

Powering On/Off

To power on the unit, flip the power switch on the front panel to the ON position. The tubes will begin to warm up, and you may notice a soft glow. To power off, flip the switch to the OFF position.

Volume Adjustment

Rotate the large volume knob on the front panel clockwise to increase the volume and counter-clockwise to decrease it. Start with a low volume setting and gradually increase it to a comfortable listening level.

Input Selection

If you have connected multiple audio sources, use the input selector switch on the rear panel to choose between LINE 1 and LINE 2 inputs.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the amplifier. Do not use liquid cleaners or abrasive materials.
- **Tube Replacement:** The 6K4 vacuum tubes have a finite lifespan. If you notice a significant degradation in sound quality or if a tube fails, they can be replaced. Ensure the unit is powered off and unplugged, and the tubes are cool before attempting replacement. Use only compatible 6K4 tubes.
- **Storage:** When not in use for extended periods, store the amplifier in a cool, dry place, away from direct sunlight and extreme temperatures.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound	Unit not powered on; incorrect input selected; headphones not connected; audio source issue.	Ensure power switch is ON; verify input selector matches source; check headphone connection; confirm audio source is playing and connected correctly.
Distorted sound or static	Faulty tubes; poor cable connection; audio source distortion; impedance mismatch.	Check all cable connections; try different audio source; consider replacing tubes; ensure headphones are within 16-600 Ohm range.
Sound only from one channel	Faulty cable; headphone issue; tube issue; source issue.	Check headphone cable and connection; test with different headphones; swap tubes to identify a faulty one; verify audio source output.
Unit does not power on	Power adapter not connected; power outlet issue; faulty adapter.	Ensure power adapter is securely connected to unit and outlet; test outlet with another device; try a different compatible 12V 1A power adapter if available.

SPECIFICATIONS

Feature	Detail
Model	TubeHead
Output Power	180mW @ 32 Ohms
Headphone Impedance	16 - 600 Ohms
Tubes	Dual 6K4 Vacuum Tubes
Inputs	2 x Stereo RCA (Line 1, Line 2)
Output	1 x 1/4-inch Headphone Jack
Power Supply	DC 12V 1A (included)
Dimensions (L x W x H)	3.94 x 3.74 x 0.9 inches (excluding tubes)
Weight	1.07 pounds
Material	Aluminum Chassis
Circuitry	Low-Noise

WARRANTY AND SUPPORT

For detailed warranty information and terms, please refer to the Product Warranty Card included with your Rockville TubeHead amplifier. If you encounter any issues or require technical assistance, please contact Rockville customer support through the official website or your retailer.

