

## Generichn0e5pdrs4-11

# Generic HiFi Tube Preamplifier JAN5654 Instruction Manual

Model: Generichn0e5pdrs4-11 | Brand: Generic

## 1. INTRODUCTION

This manual provides detailed instructions for the safe and efficient operation of your Generic HiFi Tube Preamplifier. Please read this manual thoroughly before use and retain it for future reference. This device is designed to enhance your home stereo sound system by providing a warm, clear, and dynamic audio experience through its vacuum tube technology.

## 2. SAFETY INFORMATION

- Power Supply:** Use only the provided power adapter. Ensure the voltage matches your local power supply.
- Ventilation:** Place the preamplifier in a well-ventilated area. Do not cover ventilation openings.
- Moisture:** Keep the device away from water, moisture, and high humidity.
- Heat:** Avoid placing the unit near heat sources or in direct sunlight.
- Vacuum Tubes:** Vacuum tubes can become hot during operation. Avoid touching them directly. Allow the unit to cool before handling tubes.
- Servicing:** Do not attempt to service the unit yourself. Refer all servicing to qualified personnel.

## 3. PACKAGE CONTENTS

Please check that all items are present in the package:

- 1 x HiFi Vacuum Tube Preamplifier
- 1 x User Manual (this document)
- 1 x Power Adapter (US Plug)
- 2 x JAN5654 Vacuum Tubes

## 4. PRODUCT OVERVIEW

The Generic HiFi Tube Preamplifier is designed to deliver a pleasant, transparent, and mellow sound quality with a wide soundstage. It features adjustable treble, midrange, and bass controls for precise audio customization.



**Figure 4.1:** Front and top view of the HiFi Tube Preamp, showcasing the two visible vacuum tubes and the front panel controls for power, low, mid, high, and volume.

## Front Panel Controls



**Figure 4.2:** Detailed view of the preamplifier's front panel. From left to right: Power button, Low (bass) adjustment knob, Mid (midrange) adjustment knob, High (treble) adjustment knob, and a larger Volume control knob.

- **Power Button:** Toggles the unit on and off.
- **LOW Knob:** Adjusts the bass frequencies ( $\pm 6\text{dB}$ ).
- **MID Knob:** Adjusts the midrange frequencies ( $\pm 6\text{dB}$ ).
- **HIGH Knob:** Adjusts the treble frequencies ( $\pm 6\text{dB}$ ).
- **VOLUME Knob:** Controls the overall output volume.

### Rear Panel Connections



**Figure 4.3:** Rear view of the preamplifier. It features stereo RCA input jacks (L/R), stereo RCA output jacks (L/R), and a DC  $\pm 15\text{V}$  power input port.

- **INPUT (RCA L/R):** Connect your audio source (e.g., CD player, DAC, streamer) to these jacks.

- **OUTPUT (RCA L/R):** Connect these jacks to your power amplifier or active speakers.
- **DC ±15V:** Power input port. Connect the provided power adapter here.

## 5. SETUP INSTRUCTIONS

---

1. **Tube Installation:** Carefully insert the two JAN5654 vacuum tubes into their respective sockets on the top of the preamplifier. Ensure they are seated firmly and correctly oriented.
2. **Connect Audio Source:** Using RCA cables, connect your audio source (e.g., CD player, media player) to the 'INPUT' RCA jacks on the rear panel of the preamplifier. Ensure left and right channels are correctly matched.
3. **Connect to Amplifier/Speakers:** Using RCA cables, connect the 'OUTPUT' RCA jacks on the rear panel of the preamplifier to the input of your power amplifier or active speakers. Ensure left and right channels are correctly matched.
4. **Connect Power:** Connect the provided power adapter to the 'DC ±15V' input on the rear panel of the preamplifier, then plug the adapter into a suitable wall outlet.
5. **Initial Power On:** Ensure all connections are secure. Press the 'POWER' button on the front panel to turn on the preamplifier. The tubes will glow as they warm up.

## 6. OPERATING INSTRUCTIONS

---

1. **Power On/Off:** Press the 'POWER' button on the front panel to turn the unit on or off. Allow a few moments for the tubes to warm up after powering on.
2. **Volume Adjustment:** Use the large 'VOLUME' knob to adjust the overall output level. Start with a low volume and gradually increase it to a comfortable listening level.
3. **Tone Control:** Use the 'LOW', 'MID', and 'HIGH' knobs to adjust the bass, midrange, and treble frequencies according to your preference. These controls allow for fine-tuning of the sound to match your audio source and listening environment.
4. **Tube Rolling (Optional):** The JAN5654 vacuum tubes can be replaced with compatible tubes such as 6J1, 6J4, 6J5, 6AK5, or 6\*1N to explore different sound characteristics. Ensure the unit is powered off and cooled down before attempting to replace tubes. Handle tubes carefully by their base.

## 7. MAINTENANCE

---

- **Cleaning:** Disconnect the power before cleaning. Use a soft, dry cloth to wipe the exterior of the unit. Do not use liquid cleaners or abrasive materials.
- **Tube Care:** Avoid touching the glass part of the tubes with bare hands, as oils can leave residue. If tubes become dirty, wipe gently with a clean, lint-free cloth.
- **Storage:** If storing the unit for an extended period, disconnect it from power and store it in a cool, dry place, away from direct sunlight and extreme temperatures.

## 8. TROUBLESHOOTING

---

- **No Sound:**
  - Ensure the power adapter is securely connected and the unit is powered on.
  - Check all RCA audio connections between the source, preamplifier, and amplifier/speakers.
  - Verify that the volume knob is not set to minimum.
  - Confirm your audio source is playing and its output volume is adequate.
- **Distorted Sound:**
  - Reduce the volume level on both the preamplifier and your audio source.
  - Check if the tubes are properly seated.

- Ensure cables are not damaged or faulty.

- **Humming Noise:**

- Ensure all cables are properly shielded and connected.
- Try moving the preamplifier away from other electronic devices that might cause interference.
- Check for ground loop issues; try plugging all audio components into the same power strip.

- **Tubes Not Glowing:**

- Ensure the unit is powered on.
- Check if tubes are correctly inserted.
- If only one tube is not glowing, it might be faulty and require replacement.

## 9. SPECIFICATIONS

<b>Model</b>	Generichn0e5pdrs4-11
<b>Brand</b>	Generic
<b>Preamp Gain</b>	5x
<b>Bass Treble Range</b>	±6dB
<b>Operating Voltage</b>	DC±15V
<b>Input Sensitivity</b>	0.2V
<b>Frequency Response</b>	20Hz-20kHz (±3dB)
<b>Distortion</b>	0.1%
<b>Signal to Noise Ratio</b>	≥98dB
<b>Material</b>	Aluminum Alloy
<b>Item Weight</b>	1.5 pounds
<b>Product Dimensions</b>	11.81 x 7.48 x 2.36 inches

## 10. WARRANTY AND SUPPORT

Please refer to your purchase documentation or the retailer's website for specific warranty details and terms. For technical support or assistance with your Generic HiFi Tube Preamplifier, please contact your point of purchase or the manufacturer directly.