

Dynavox TPR-3

Dynavox TPR-3 Tube Preamplifier User Manual

Model: TPR-3

1. INTRODUCTION

Thank you for choosing the Dynavox TPR-3 Tube Preamplifier. This device is designed to enhance your audio experience by providing a high-quality pre-amplification stage for various audio sources. Featuring vacuum tubes, it aims to deliver a warm and rich sound signature. Please read this manual carefully before operating the unit to ensure proper setup and safe use.

2. SAFETY INSTRUCTIONS

- **Power Supply:** Connect the unit only to an AC outlet with the specified voltage (230V). Ensure the power cord is not damaged or pinched.
- **Ventilation:** Do not block ventilation openings. Allow adequate space around the unit for proper airflow to prevent overheating.
- **Moisture:** Keep the unit away from water, moisture, and high humidity. Do not operate with wet hands.
- **Heat Sources:** Avoid placing the unit near heat sources such as radiators, heat registers, stoves, or other heat-producing appliances.
- **Servicing:** Do not attempt to service this product yourself. Refer all servicing to qualified service personnel.
- **Object/Liquid Entry:** Do not insert objects or spill liquids into the unit. If this occurs, immediately unplug the unit and have it checked by qualified personnel.
- **Tubes:** The vacuum tubes inside the unit can become very hot during operation. Avoid touching them.

3. PACKAGE CONTENTS

Please check that all items are present in the package:

- Dynavox TPR-3 Tube Preamplifier Unit
- Power Cable

4. PRODUCT OVERVIEW

4.1 Front Panel

The front panel provides access to essential controls for operating the preamplifier.



Figure 1: Front view of the Dynavox TPR-3 Tube Preamplifier. This image displays the unit's front face, featuring the power switch on the left, a large central volume knob, and an input selector knob on the right. Two illuminated windows reveal the vacuum tubes inside.



Figure 2: Close-up of the volume control and tube windows. This detailed view highlights the 'VOLUME' knob with 'MIN' and 'MAX' indicators, and the two transparent windows showcasing the glowing vacuum tubes.

- **POWER Switch:** Toggles the unit on or off.
- **VOLUME Knob:** Adjusts the overall output volume.
- **SELECTOR Knob:** Selects the desired audio input source (TAPE, CD, PHONO, TUNER, AUX).
- **Tube Windows:** Displays the illuminated vacuum tubes during operation.

4.2 Rear Panel

The rear panel houses all input and output connections.



Figure 3: Rear view of the Dynavox TPR-3 Tube Preamplifier. This image shows the back panel with multiple RCA input pairs labeled PHONO, CD, TAPE, TUNER, and AUX. A stereo RCA OUTPUT is also visible. On the left, there's an MM/MC switch for the phono input, and a GND terminal. On the right, the AC power inlet is present.

- **PHONO Input (RCA):** Connects to a turntable. Includes an MM/MC switch for moving magnet or moving coil cartridges.
- **CD Input (RCA):** Connects to a CD player or other line-level source.
- **TAPE Input (RCA):** Connects to a tape deck or similar line-level source.
- **TUNER Input (RCA):** Connects to a radio tuner or similar line-level source.
- **AUX Input (RCA):** Connects to any auxiliary line-level audio source.
- **OUTPUT (RCA):** Connects to a power amplifier or active speakers.
- **GND Terminal:** Ground connection for turntables.
- **AC Power Inlet:** Connects the power cable to the mains supply.

5. SETUP

5.1 Placement

Place the TPR-3 on a stable, level surface. Ensure there is sufficient space around the unit for proper ventilation, especially above the tube windows, to prevent heat buildup.

5.2 Audio Connections

1. **Connect Sources:** Use high-quality RCA cables to connect your audio sources (e.g., CD player, turntable, tuner) to the corresponding input jacks on the rear panel (CD, PHONO, TAPE, TUNER, AUX).
2. **Turntable Connection:** If connecting a turntable, ensure the MM/MC switch next to the PHONO input is set correctly for your cartridge type. Connect the turntable's ground wire to the GND terminal on the preamplifier.
3. **Connect to Amplifier:** Connect the RCA OUTPUT jacks of the TPR-3 to the input jacks of your power amplifier or active speakers.

5.3 Power Connection

After all audio connections are made, connect the supplied power cable to the AC Power Inlet on the rear panel of the TPR-3 and then to a suitable 230V AC wall outlet.

6. OPERATING INSTRUCTIONS

1. **Power On:** Press the POWER switch on the front panel to turn on the unit. The indicator light will illuminate, and the tubes will begin to glow.
2. **Tube Warm-up:** Allow approximately 10-15 minutes for the vacuum tubes to warm up and stabilize for optimal sound performance.
3. **Select Input:** Turn the SELECTOR knob to choose the audio source you wish to listen to.
4. **Adjust Volume:** Slowly turn the VOLUME knob clockwise to increase the sound level to your desired listening volume.
5. **Power Off:** When finished listening, turn the VOLUME knob to minimum, then press the POWER switch to turn off the unit.

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 Replacement:** Vacuum tubes have a finite lifespan. If you notice a degradation in sound quality or if a tube fails, contact qualified service personnel for replacement. Ensure replacement tubes are compatible with the TPR-3.
- **Storage:** If storing the unit for an extended period, ensure it is clean, dry, and protected from dust and extreme temperatures.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound output	<ul style="list-style-type: none">• Unit not powered on.• Incorrect input selected.• Volume too low.• Cables not connected properly.• Power amplifier/active speakers not on or connected.	<ul style="list-style-type: none">• Ensure POWER switch is ON.• Select the correct input source.• Increase VOLUME.• Check all RCA connections.• Verify power and connections of downstream audio equipment.
Distorted or weak sound	<ul style="list-style-type: none">• Incorrect MM/MC setting for turntable.• Damaged audio cables.• Worn-out vacuum tubes.• Source device issue.	<ul style="list-style-type: none">• Adjust MM/MC switch for PHONO input.• Replace audio cables.• Contact service for tube inspection/replacement.• Test with a different source device.

Problem	Possible Cause	Solution
Humming or buzzing noise	<ul style="list-style-type: none"> • Ground loop. • Poor cable shielding. • Interference from other electronics. • Loose ground connection (turntable). 	<ul style="list-style-type: none"> • Ensure all components are properly grounded. • Use shielded audio cables. • Move unit away from other electronic devices. • Check turntable ground wire connection to GND terminal.

9. SPECIFICATIONS

- **Brand:** Dynavox
- **Model Number:** TPR-3
- **Color:** Black
- **Connector Type:** RCA
- **Compatible Devices:** Speaker, Laptop, Television (as sources or output devices)
- **Finish Type:** Matte
- **Item Weight:** 2.8 Kilograms
- **Number of Ports:** 2 (stereo input/output pairs)
- **Quantity in Package:** 1
- **Input Voltage:** 230 Volts
- **Manufacturer:** Dynavox
- **Country of Origin:** China
- **Specific Uses for Product:** Preamplifier

10. WARRANTY AND SUPPORT

The Dynavox TPR-3 Tube Preamplifier comes with a **2-year manufacturer's warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. It does not cover damage caused by misuse, accident, unauthorized modification, or improper installation.

For technical support, warranty claims, or service inquiries, please contact your retailer or the official Dynavox support channels. Please have your proof of purchase and the product model number (TPR-3) ready when contacting support.