NEOHIPO TP10

NEOHIPO TP10 Phono Preamp User Manual

Model: TP10

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1. Introduction

The NEOHIPO TP10 Phono Preamp is a compact stereo preamplifier designed to enhance the audio output from turntables equipped with Moving Magnet (MM) cartridges. It converts the phono signal to a line-level signal, suitable for connection to a wide range of audio systems. The TP10 features a high signal-to-noise ratio and a low-noise processing circuit, ensuring clear and high-fidelity sound reproduction. It offers both RCA and 3.5mm headphone outputs for versatile connectivity.

2. Packing List

Please verify that all items listed below are included in your package:

- 1 x NEOHIPO TP10 Phono Preamp
- 1 x 12V Power Adapter
- 1 x User Manual

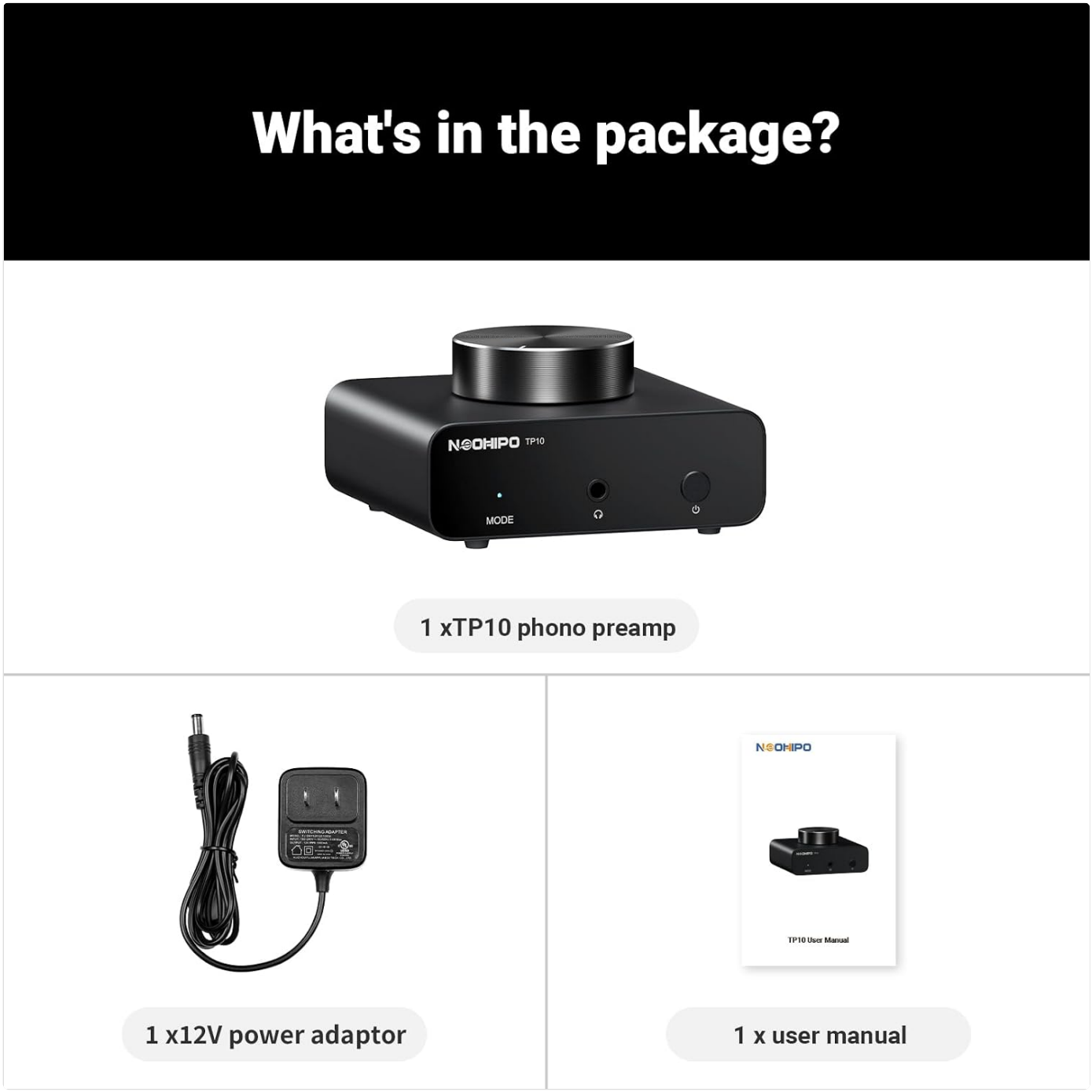


Image: The NEOHIPO TP10 Phono Preamp, 12V power adapter, and user manual as included in the package.

Note: Speaker wire cables and RCA cables are not included in the package. Please ensure you have the necessary cables for your setup.

3. Product Overview

The NEOHIPO TP10 Phono Preamp features a robust aluminum alloy body and intuitive controls for ease of use.



Image: Front view of the NEOHIPO TP10 Phono Preamp, showing the volume knob, mode indicator, 3.5mm headphone output, and power/mode switch.

Key Features:

- **High Signal-to-Noise Ratio (SNR):** Delivers clear audio with minimal background noise (≥89dB).
- **Multi-Interface Output:** Equipped with both RCA and 3.5mm headphone outputs for broad compatibility.
- **RIAA-Compliant:** Ensures accurate sound reproduction according to RIAA equalization standards.
- **Durable Aluminum Alloy Body:** Lightweight, robust, and corrosion-resistant construction.
- **Intuitive Volume Control:** Features a top-mounted volume knob for easy adjustment.
- **Anti-Skid Pad Design:** Silicone pads on the base provide stability and prevent movement.
- **Eye-Friendly Indicator Light:** Thoughtfully calibrated LED indicator for comfortable viewing.



Image: Detailed diagram illustrating the front panel (Power indicator light, 3.5mm headphone jack, Volume adjustment button, Power switch) and rear panel (RCA output, Ground port, 12V power supply input, MM RCA input) of the TP10 Phono Preamp.

4. Setup Instructions

Follow these steps to connect your NEOHIPO TP10 Phono Preamp to your audio system:

1. **Connect Turntable to Preamp:** Use RCA cables to connect the output of your turntable (MM Input) to the "MM INPUT" jacks on the rear panel of the TP10. Ensure the red plug connects to the 'R' (Right) input and the white plug connects to the 'L' (Left) input. If your turntable has a ground wire, connect it to the "GND" terminal on the TP10.
2. **Connect Preamp to Amplifier/Speakers:**
    - **For Active Speakers or Amplifier:** Use RCA cables to connect the "OUTPUT" jacks on the rear panel of the TP10 to the line-level input (e.g., AUX, CD, Line In) of your active speakers or amplifier. Match 'R' to 'R' and 'L' to 'L'.
    - **For Headphones:** Plug your 3.5mm headphones into the headphone jack on the front panel of the TP10.
3. **Connect Power:** Plug the 12V power adapter into the "DC12V" input on the rear panel of the TP10, then plug the

adapter into a power outlet.

4. **Power On:** Press the power button on the front panel to turn on the preamp. The mode indicator light will illuminate.

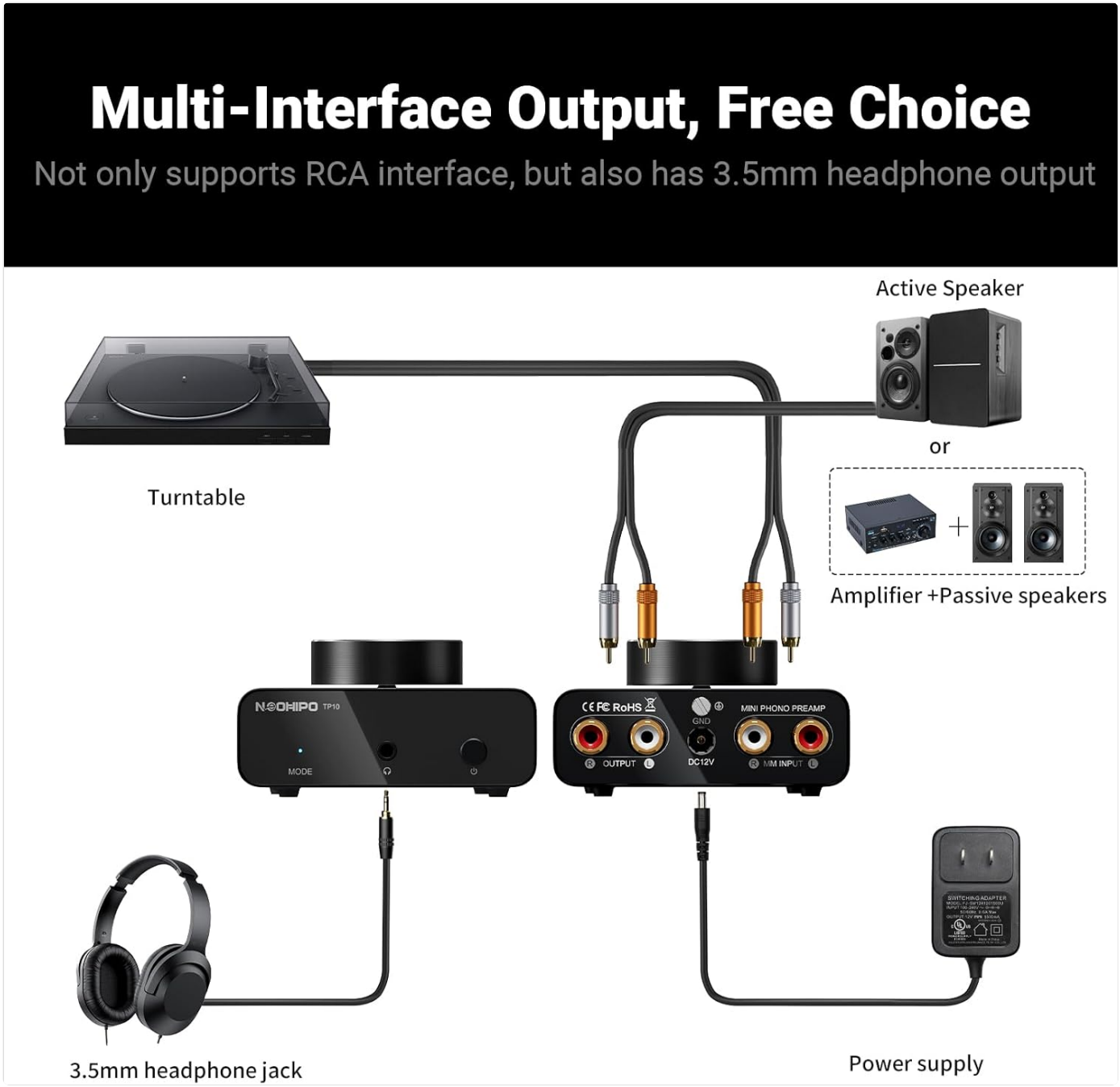


Image: Diagram showing how to connect a turntable to the TP10 Phono Preamp, and then connect the preamp to either active speakers, an amplifier with passive speakers, or headphones.

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Video: An unboxing and overview of the NEOHIPO TP10 Phono Preamp, demonstrating the contents of the package and the physical features of the device.

5. Operating Instructions

Once connected, operating the TP10 is straightforward:

- **Power On/Off:** Press the power button on the front panel to toggle the unit on or off. The mode indicator light will show the power status.
- **Volume Adjustment:** Rotate the large knob on the top of the unit clockwise to increase volume and counter-

clockwise to decrease volume. Adjust to a comfortable listening level.

- **Mode Indicator:** The "MODE" indicator light on the front panel provides visual feedback on the unit's status.



Image: A hand demonstrating the adjustment of the top-mounted volume knob on the NEOHIPO TP10 Phono Preamp.

6. Specifications

Feature	Detail
Brand	NEOHIPO
Model	TP10
Product Dimensions	3.35 x 3.07 x 1.42 inches (8.5 x 7.8 x 3.6 cm)
Item Weight	6.5 ounces (184 grams)

Feature	Detail
Signal-to-Noise Ratio (SNR)	≥89dB
RIAA Standard	20Hz - 20KHz (±1.5dB)
Distortion	0.015% (1 KHz 5 mV input)
Noise Floor	RCA: 241uV, Headphone port: 185uV
Input	MM RCA Input
Output	RCA Output, 3.5mm Headphone Output
Power Supply	DC 12V



Image: Visual representation of the TP10 Phono Preamp's dimensions and a table summarizing its key technical specifications.

7. Maintenance

To ensure the longevity and optimal performance of your NEOHIPO TP10 Phono Preamp, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe the exterior of the unit. Avoid using liquid cleaners or solvents, as they may damage the finish or internal components.
- **Placement:** Place the preamp on a stable, flat surface away from direct sunlight, heat sources, and excessive moisture. Ensure adequate ventilation around the unit.
- **Cable Connections:** Periodically check all cable connections to ensure they are secure. Loose connections can lead to signal loss or interference.
- **Power Supply:** Always use the provided 12V power adapter. Using an incorrect power supply can damage the unit and void the warranty.

8. Troubleshooting

If you encounter issues with your NEOHIPO TP10 Phono Preamp, refer to the following common problems and solutions:

No Sound Output:

- Ensure the power adapter is securely connected and the unit is powered on (mode indicator light is illuminated).

- Verify that all RCA cables are correctly connected to the "MM INPUT" from the turntable and "OUTPUT" to your amplifier/speakers.
- Check the volume level on the TP10 and your connected amplifier/speakers.
- Confirm that your turntable's internal preamp (if any) is switched off, as running two preamps in series can cause distortion or no sound.
- Test with different RCA cables or headphones to rule out faulty accessories.

Distorted Sound:

- Reduce the volume on the TP10 and your amplifier/speakers.
- Ensure the turntable's output is compatible with an MM phono input.
- Check for proper grounding. Connect the turntable's ground wire to the "GND" terminal on the TP10.
- Inspect RCA cables for damage or loose connections.

Humming or Buzzing Noise:

- Ensure the turntable's ground wire is properly connected to the "GND" terminal on the TP10.
- Try moving the TP10 or associated cables away from other electronic devices that might cause interference.
- Check if the power adapter is securely connected and not faulty.

If the problem persists after trying these steps, please contact customer support.

9. Warranty & Support

The NEOHIPO TP10 Phono Preamp comes with a**1-Year Warranty Trade-In**. To activate your warranty, register within 7 days of purchase by emailing your order number to support@neohipo.com.
For technical assistance, troubleshooting, or warranty claims, please contact NEOHIPO customer support:

- **Email:** support@neohipo.com
- **Online Store:** Visit the NEOHIPO Store on Amazon for more products and information.

Please have your model number (TP10) and purchase details ready when contacting support.

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Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question