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GOgroove 4330356298

GOgroove Mini Phono Turntable Preamp User Manual

Model: 4330356298

INTRODUCTION

This manual provides instructions for the setup, operation, and maintenance of your GOgroove Mini Phono Turntable Preamp. This device is designed to convert a turntable's phono-level output to a line-level signal, making it compatible with modern audio receivers, amplifiers, and speakers that lack a dedicated phono input.

PRODUCT OVERVIEW

The GOgroove Mini Phono Preamp features a compact design for easy integration into any audio setup. It includes RCA input and output ports, a 1/4" TRS output, a ground terminal, and a DC 12V power input.



Image 1: Front view of the GOgroove Mini Phono Preamp with all ports and indicators clearly labeled. This includes RCA input (L/R), 1/4" TRS output, RCA output (L/R), ground terminal, DC 12V input, and the LED power indicator.

Components:

1. **RCA Output (L/R):** Connects to your receiver, amplifier, or powered speakers.
2. **1/4" TRS Output:** Provides an alternative output for headphones or other audio equipment.
3. **RCA Input (L/R):** Connects to your turntable's RCA output.
4. **Ground Terminal (GND):** Connects to your turntable's ground wire to reduce hum.
5. **DC 12V Input:** Connects to the included 12 Volt DC power adapter.
6. **LED Power Indicator:** Illuminates when the unit is powered on.

Product Video:

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Video 1: An overview of the GOgroove Mini Phono Preamp, demonstrating its features and basic connection process. This video provides a visual guide to understanding the product's functionality and setup.

SETUP INSTRUCTIONS

Follow these steps to connect your GOgroove Mini Phono Preamp to your audio system.

Connecting Your Turntable:

1. Locate the RCA output cables from your turntable. These are typically red (right channel) and white (left channel).
2. Connect these RCA cables from your turntable to the **RCA Input (L/R)** ports on the GOgroove Mini Phono Preamp. Ensure the red cable connects to 'R' and the white cable connects to 'L'.
3. If your turntable has a ground wire, connect it to the **Ground Terminal (GND)** on the preamp. This helps

reduce unwanted hum or noise.



Image 2: A user connecting the red and white RCA cables from a turntable to the corresponding 'IN' ports on the GOgroove Mini Phono Preamp. The ground wire is also shown being connected to the preamp's ground terminal.

Connecting to Your Audio System:

1. Locate the RCA input ports on your receiver, amplifier, or powered speakers. These are typically labeled 'AUX', 'CD', 'Line In', or similar.
2. Connect a set of RCA cables (not included) from the **RCA Output (L/R)** ports on the GOgroove Mini Phono Preamp to the chosen input on your audio system.
3. Alternatively, you can use the **1/4" TRS Output** to connect to compatible audio equipment or headphones. Note that this output does not have volume control.

RIAA EQUALIZATION FOR BALANCED AUDIO

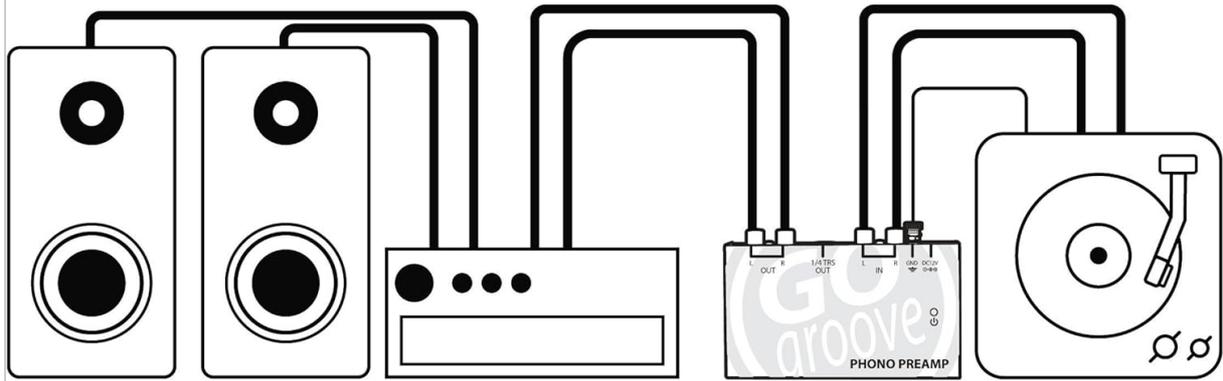


Image 3: A complete audio setup demonstrating the GOgroove Mini Phono Preamp connected between a turntable and a pair of speakers. This illustrates a typical home audio configuration.

Power Connection:

1. Plug the included 12 Volt DC power adapter into the **DC 12V Input** on the preamp.
2. Plug the power adapter into a standard wall outlet. The LED power indicator on the preamp will illuminate, confirming it is powered on.

PREAMP CAN BE CONNECTED TO AMPLIFIERS, MIXERS AND RECORDING UNITS

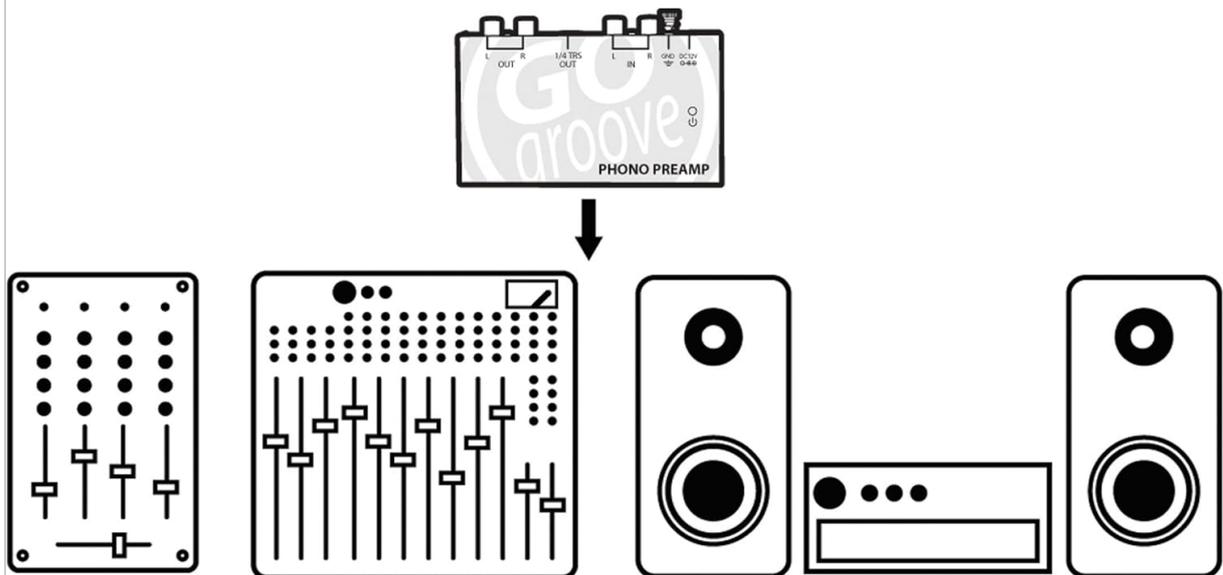


Image 4: A schematic diagram showing the signal path from a turntable, through the GOgroove Mini Phono Preamp, and then to an amplifier and speakers. This visual aid clarifies the wiring connections.

OPERATING INSTRUCTIONS

Once all connections are made and the preamp is powered on, you can begin playing your vinyl records.

- The preamp automatically applies RIAA equalization, which is essential for accurate playback of vinyl records. This boosts the low frequencies and cuts the high frequencies during playback to compensate for the inverse process applied during record mastering.
- Adjust the volume using your connected receiver, amplifier, or powered speakers. The preamp itself does not have volume controls.
- The 1/4" TRS output can be used for direct monitoring with headphones or for connecting to other professional audio equipment.

MAINTENANCE

To ensure the longevity and optimal performance of your GOgroove Mini Phono Preamp, follow these simple maintenance guidelines:

- Keep the unit clean by wiping it with a soft, dry cloth. Avoid using liquid cleaners or solvents.
- Ensure the unit is placed in a well-ventilated area, away from direct sunlight, heat sources, and excessive moisture.
- Disconnect the power adapter when the unit will not be used for extended periods.

TROUBLESHOOTING

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

- **No Sound or Low Volume:**
 - Ensure all RCA cables are securely connected to the correct input and output ports.
 - Verify that the power adapter is properly connected and the LED power indicator is illuminated.
 - Check the volume level on your connected receiver, amplifier, or powered speakers.
 - Confirm that your turntable's output is set to 'Phono' if it has a built-in preamp bypass switch.
- **Humming or Buzzing Noise:**
 - Ensure the turntable's ground wire is securely connected to the **Ground Terminal (GND)** on the preamp.
 - Check for loose cable connections.
 - Try moving the preamp or audio cables away from other electronic devices that may cause interference.
 - Ensure the power adapter is functioning correctly and is not near other power cables.
- **Distorted Audio:**
 - Verify that the turntable's output is clean and free from distortion.
 - Ensure the volume on your receiving audio equipment is not set too high, causing clipping.
 - Check the condition of your vinyl records and turntable stylus.

SPECIFICATIONS

Model Number	4330356298
Product Dimensions	6 x 5 x 1.8 inches

Item Weight	10.2 ounces
Brand	GOgroove
Color	Black
Compatible Devices	Speakers, Receivers, Amplifiers, Mixers, Recording Units
Material	Vinyl (referring to application)

WARRANTY & SUPPORT

Your GOgroove Mini Phono Preamp is backed by a **3-Year Manufacturer's Warranty**. For technical support, warranty claims, or additional product information, please visit the official GOgroove website or contact their customer service department.

For further assistance, you may also refer to the [GOgroove Store on Amazon](#).