Jancane Phonograph Preamplifier

Jancane Phono Turntable Preamp User Manual

Model: Phonograph Preamplifier

1. Introduction

Thank you for choosing the Jancane Phono Turntable Preamp. This mini electronic audio stereo phonograph preamplifier is designed to convert PHONO signals from your turntable to LINE level signals, allowing you to connect your turntable to modern audio equipment that lacks a dedicated phono input. It ensures accurate reproduction of your vinyl's warm analog sound with low noise operation.



The Jancane Phono Preamp converts phono signals to line level signals, enabling connection of turntables to modern sound systems.

2. Important Safety Information

Please read and understand all safety instructions before using this product. Keep this manual for future reference.

- **Power Source:** Only use the provided 12V DC power adapter. Using an incorrect power adapter may damage the device and void the warranty.
- **Water and Moisture:** Do not expose this device to water, rain, or moisture. Do not place objects filled with liquids, such as vases, on the device.
- **Ventilation:** Ensure proper ventilation around the unit. Do not block any ventilation openings.
- **Heat:** Keep the device away from heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- **Cleaning:** Disconnect the power adapter before cleaning. Use a dry, soft cloth for cleaning. Do not use liquid cleaners or aerosol cleaners.

- **Servicing:** Do not attempt to service this product yourself. Refer all servicing to qualified service personnel.

3. Package Contents

Please check the package contents upon opening to ensure all items are present and in good condition:

- Jancane Phono Turntable Preamp
- 12V DC Power Adapter
- User Manual
- RCA Cables (pre-mounted or included separately)



The package includes the Jancane Phono Turntable Preamp, its power adapter, and the user manual.

4. Product Overview

The Jancane Phono Turntable Preamp is a compact and durable device designed to enhance your vinyl listening experience by providing precise phono-to-line level conversion.

Key Features:

- **Professional Phono-to-Line Conversion:** Precisely converts turntable PHONO signals to LINE level with equalization, ensuring accurate reproduction of vinyl's warm analog sound. Features 3mV/50KΩ input sensitivity (matching industry standards) and dedicated RCA/1/4" outputs for versatile connectivity.
- **Ultra-Low Noise & Dual Shielding:** Equipped with low-noise op-amps and electromagnetic shielding, reducing noise to 0.003% THD (lower than typical 0.005%). Grounding terminal minimizes hum, while 12V DC power ensures stable, interference-free operation.
- **Compact & Durable Design:** Credit-card-sized aluminum chassis (4.15" x 2.47" x 1.22", 180g) resists interference and fits tight spaces. Ideal for studios, DJ setups, or home audio systems.



Detailed view of the Jancane Phono Preamp showing its input and output connections, power input, ground terminal, and power indicator.



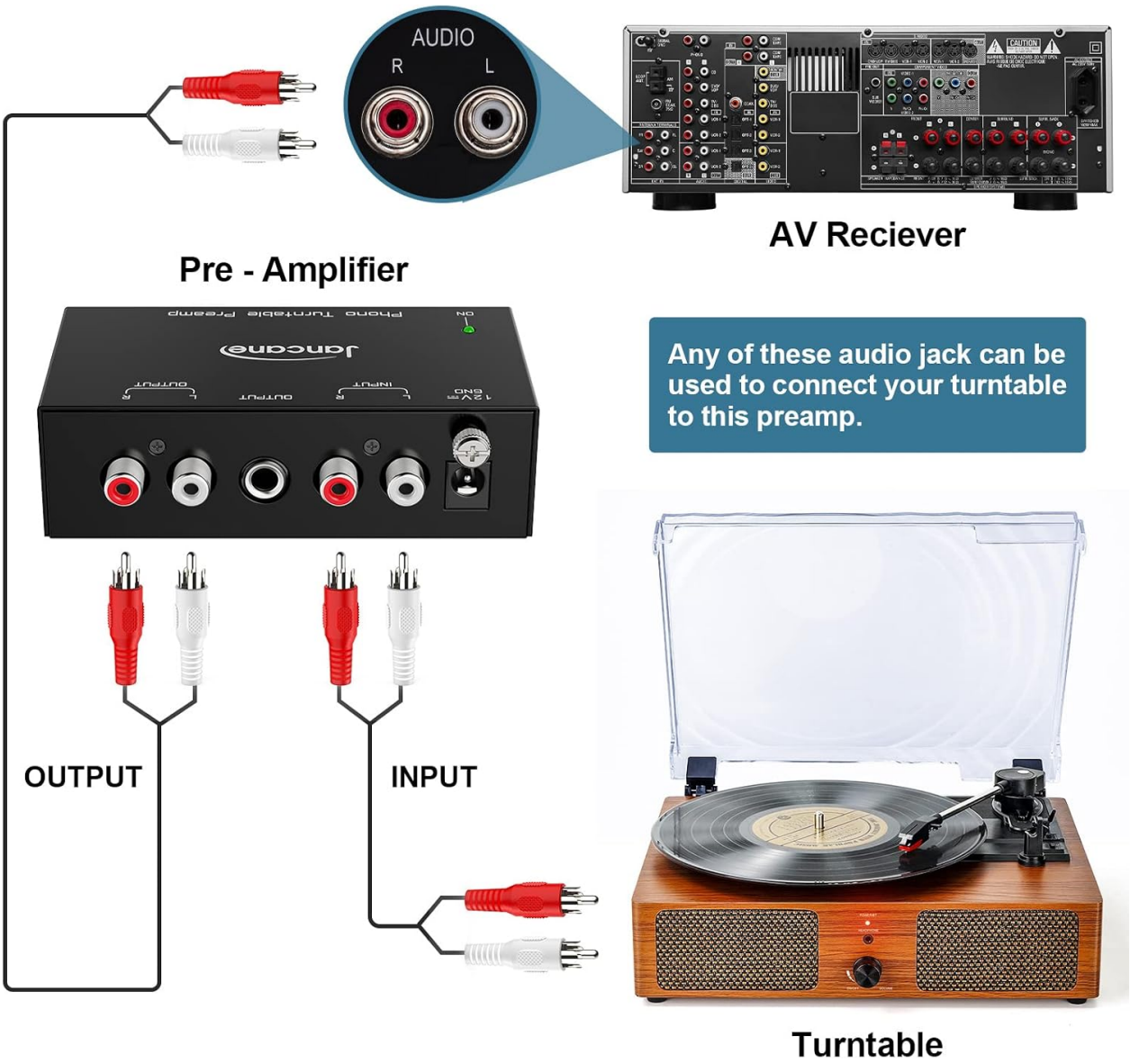
The Jancane Phono Turntable Preamp, a compact device designed for converting phono signals.

5. Setup and Connection

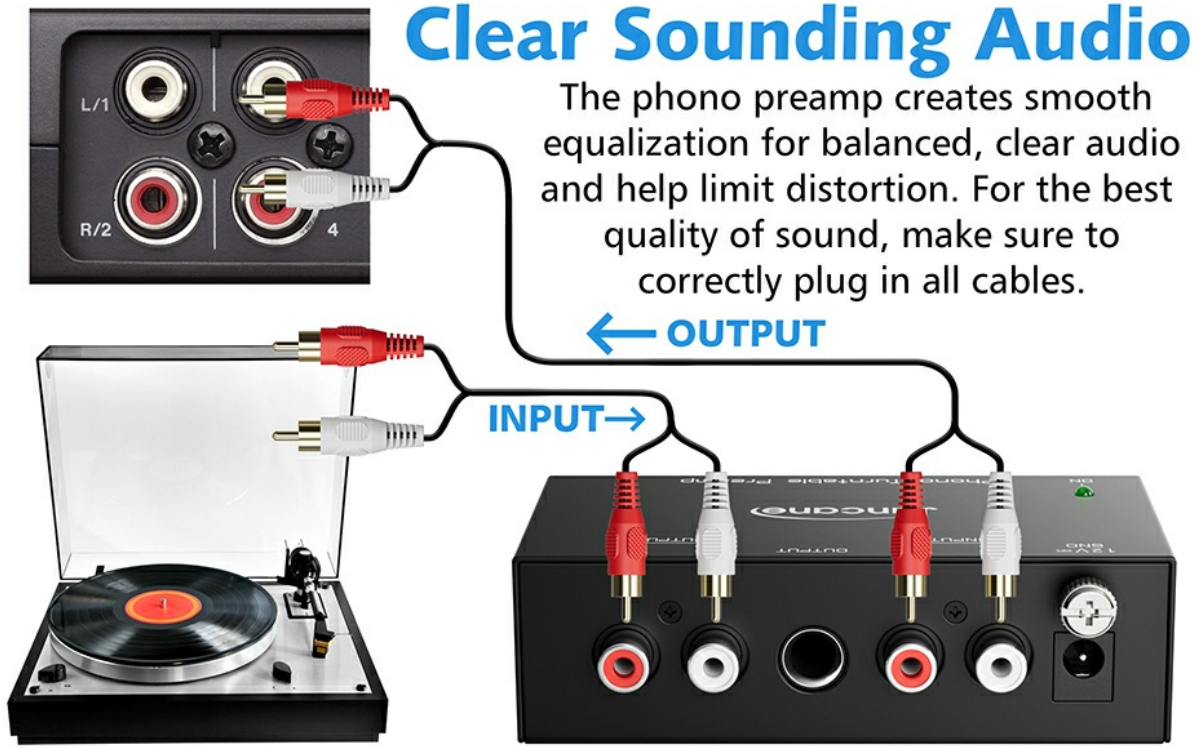
The Jancane Phono Preamp offers universal plug-and-play setup for easy integration into your audio system.

Connecting Your Turntable:

1. **Connect Turntable to Preamp:** Use RCA cables to connect the PHONO output of your turntable to the L (Left) and R (Right) INPUT jacks on the Jancane Phono Preamp.
2. **Connect Ground Wire:** If your turntable has a ground wire, connect it to the GND terminal on the preamp. This helps minimize hum and noise.
3. **Connect Preamp to Amplifier/Receiver:** Use RCA cables to connect the L (Left) and R (Right) OUTPUT jacks on the Jancane Phono Preamp to an available LINE level input (e.g., AUX, CD, TAPE) on your amplifier, receiver, or powered speakers. The preamp also features a 1/4" TRS output for alternative connections.
4. **Connect Power:** Plug the 12V DC power adapter into the 12V DC input jack on the preamp, then plug the adapter into a wall outlet. The ON LED indicator will illuminate.



Connection diagram illustrating how to connect your turntable to the preamp and then to an AV receiver or other audio input.



This diagram shows the correct cable connections for clear sounding audio, ensuring proper signal flow from turntable to

amplifier via the preamp.



A visual representation of the various cables and their connections to the Jancane Phono Preamp, including DC 12V power, input, and output options.

Your browser does not support the video tag.

This video demonstrates the setup and connection process for the Jancane Phono Preamp, showing how to integrate it with your turntable and audio system.

6. Operating Instructions

Once all connections are made and the power adapter is plugged in, the Jancane Phono Preamp is ready for operation.

- **Power On:** The preamp automatically powers on when connected to the 12V DC power adapter. The green 'ON' LED indicator on the front panel will illuminate, confirming the unit is active.
- **Audio Playback:** Begin playing a record on your turntable. The audio signal will be processed by the preamp and sent to your connected amplifier/receiver/speakers.

- **Volume Control:** Adjust the volume using your amplifier or receiver's volume control. The preamp does not have its own volume control.
- **Low Noise Operation:** The preamp is designed for ultra-low noise operation, ensuring a clean audio signal.



The Jancane Phono Preamp ensures ultra-low noise operation, significantly reducing unwanted noise and interference for a clearer audio experience.

7. Maintenance

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

- **Cleaning:** Use a soft, dry, lint-free cloth to wipe the exterior of the unit. Do not use abrasive cleaners, waxes, or solvents.
- **Dust:** Keep the unit free from dust. You may use a soft brush or compressed air to gently remove dust from crevices and connectors.

- **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.
- **Connections:** Periodically check all cable connections to ensure they are secure and free from corrosion.

8. Troubleshooting

If you encounter any issues with your Jancane Phono Preamp, please refer to the following table for common problems and their solutions:

Problem	Possible Cause	Solution
No sound output	• Incorrect connections • Power adapter not connected or faulty • Turntable not playing or faulty • Amplifier/receiver input not selected correctly	• Verify all RCA cables are securely connected to the correct input/output jacks. • Ensure the 12V DC power adapter is properly connected and the 'ON' LED is illuminated. • Check if the turntable is powered on and the stylus is properly placed on the record. • Select the correct input source (e.g., AUX, CD) on your amplifier/receiver.
Humming or buzzing noise	• Ground wire not connected • Interference from other electronic devices • Faulty cables	• Ensure the turntable's ground wire is securely connected to the GND terminal on the preamp. • Move the preamp away from other electronic devices that may cause interference. • Try replacing the RCA cables.
Low volume output	• Amplifier/receiver volume too low • Incorrect input sensitivity on amplifier	• Increase the volume on your amplifier or receiver. • Ensure the input on your amplifier/receiver is a standard LINE level input, not another PHONO input.

9. Specifications

Detailed technical specifications for the Jancane Phono Turntable Preamp:

Feature	Specification

Feature	Specification
Model Number	Phonograph Preamplifier
Input Sensitivity	3mV / 50KΩ
Total Harmonic Distortion (THD)	0.003%
Voltage	12 Volts (DC)
Number of Channels	2 (Stereo)
Material	Aluminum
Item Weight	11.7 ounces (approx. 331g)
Dimensions (L x W x H)	4.15" x 2.47" x 1.22" (103mm x 57mm x 31mm)
Manufacturer	Jancane
Country of Origin	China



Physical dimensions of the Jancane Phono Preamp.

10. Warranty and Support

Jancane is committed to providing high-quality products and excellent customer service.

- **Extended Warranty:** This product is backed by a 3-year warranty, exceeding the industry standard.

- **30-Day Refund Policy:** We offer a 30-day refund policy from the date of purchase.
- **Lifetime Technical Guidance:** Enjoy lifetime technical guidance for any questions or assistance you may need with your Jancane Phono Preamp.
- **Customer Service:** For any inquiries, technical support, or warranty claims, please contact our 24/7 customer service team. Refer to the contact information provided on the product packaging or our official website.