Jancane AU224

Jancane AU224 Phono Turntable Preamplifier User Manual

Model: AU224

1. Introduction

The Jancane AU224 Phono Turntable Preamplifier is designed to convert phono signals from a turntable to line-level signals. This allows you to connect your turntable to modern audio equipment, such as amplifiers, receivers, or powered speakers, that do not have a dedicated phono input. The AU224 ensures clear and amplified audio output for an optimal vinyl listening experience.



Figure 1: Jancane Phono Turntable Preamplifier converting phono signals from a turntable.

2. Package Contents

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

- Jancane AU224 Phono Turntable Preamplifier x 1
- DC 12V Power Adapter x 1
- User Manual x 1

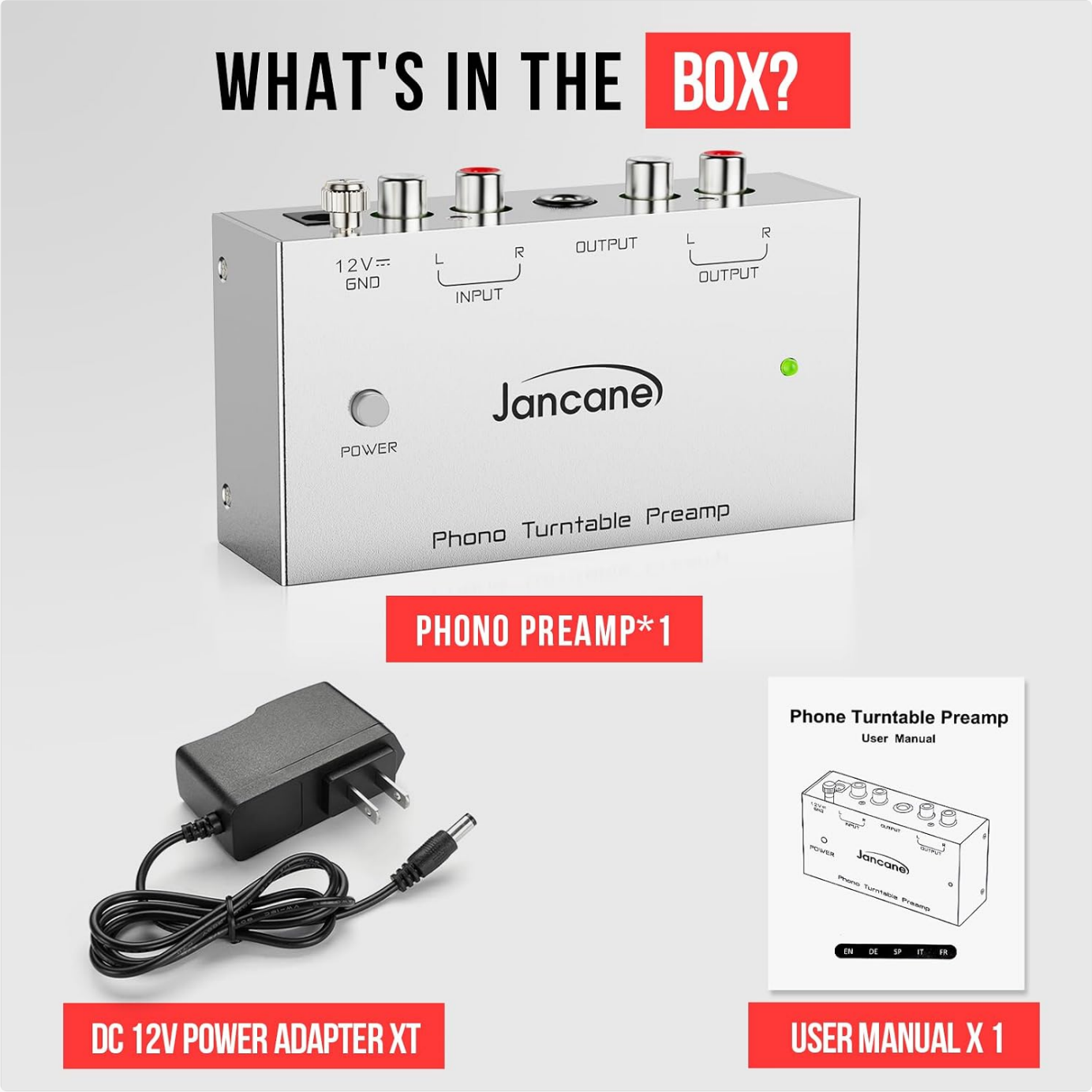


Figure 2: Included items in the Jancane AU224 package.

3. Product Overview

Familiarize yourself with the various components and connections of the Jancane AU224 Phono Turntable Preamplifier:

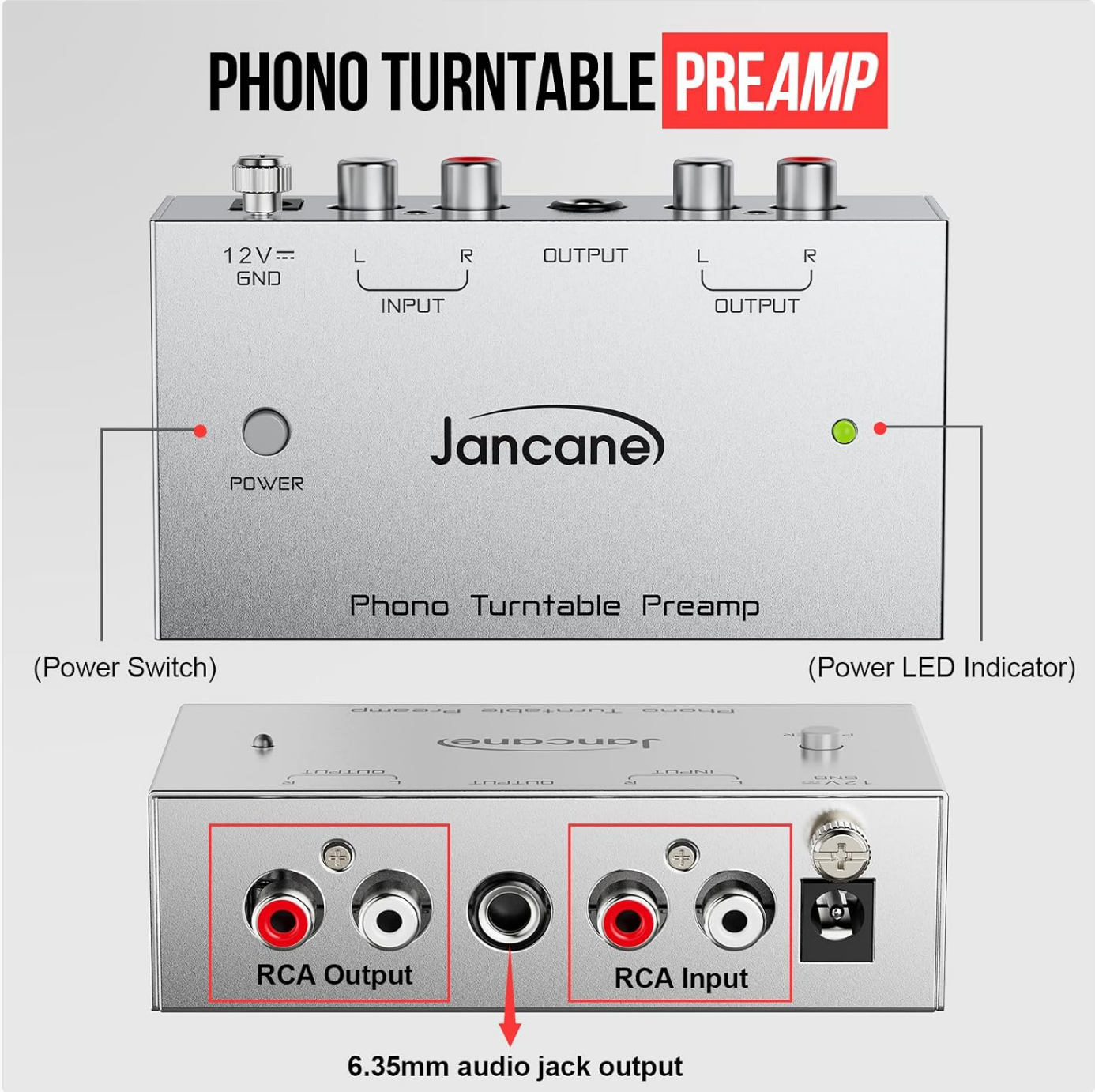


Figure 3: Front and rear view of the Jancane AU224 with labeled ports.

1. **Power Switch:** Toggles the unit on or off.
2. **Power LED Indicator:** Illuminates when the unit is powered on.
3. **12V GND (Ground Terminal):** Connects to the ground wire from your turntable to reduce hum and noise.
4. **L/R INPUT (RCA):** Stereo RCA inputs for connecting your turntable.
5. **OUTPUT (6.35mm TRS):** 6.35mm (1/4 inch) stereo audio jack output for connecting to an amplifier or receiver.
6. **L/R OUTPUT (RCA):** Stereo RCA outputs for connecting to an amplifier or receiver.

4. Setup Instructions

Follow these steps to correctly set up your Jancane AU224 Phono Turntable Preamplifier:

1. **Connect Turntable:** Connect the RCA output cables from your turntable to the L/R INPUT (RCA) ports on the Jancane AU224.

2. **Connect Ground Wire:** If your turntable has a ground wire, connect it to the 12V GND terminal on the preamp. This helps minimize hum.
3. **Connect to Audio System:**
    - Using RCA: Connect RCA cables from the L/R OUTPUT (RCA) ports on the preamp to an available line-level input (e.g., AUX, CD, TAPE) on your amplifier, receiver, or powered speakers.
    - Using TRS: Connect a 6.35mm (1/4 inch) TRS cable from the OUTPUT (TRS) port on the preamp to a compatible input on your audio system.
4. **Connect Power:** Plug the DC 12V Power Adapter into the power input jack on the preamp, then plug the adapter into a wall outlet.
5. **Power On:** Press the Power Switch on the preamp. The Power LED Indicator will illuminate.

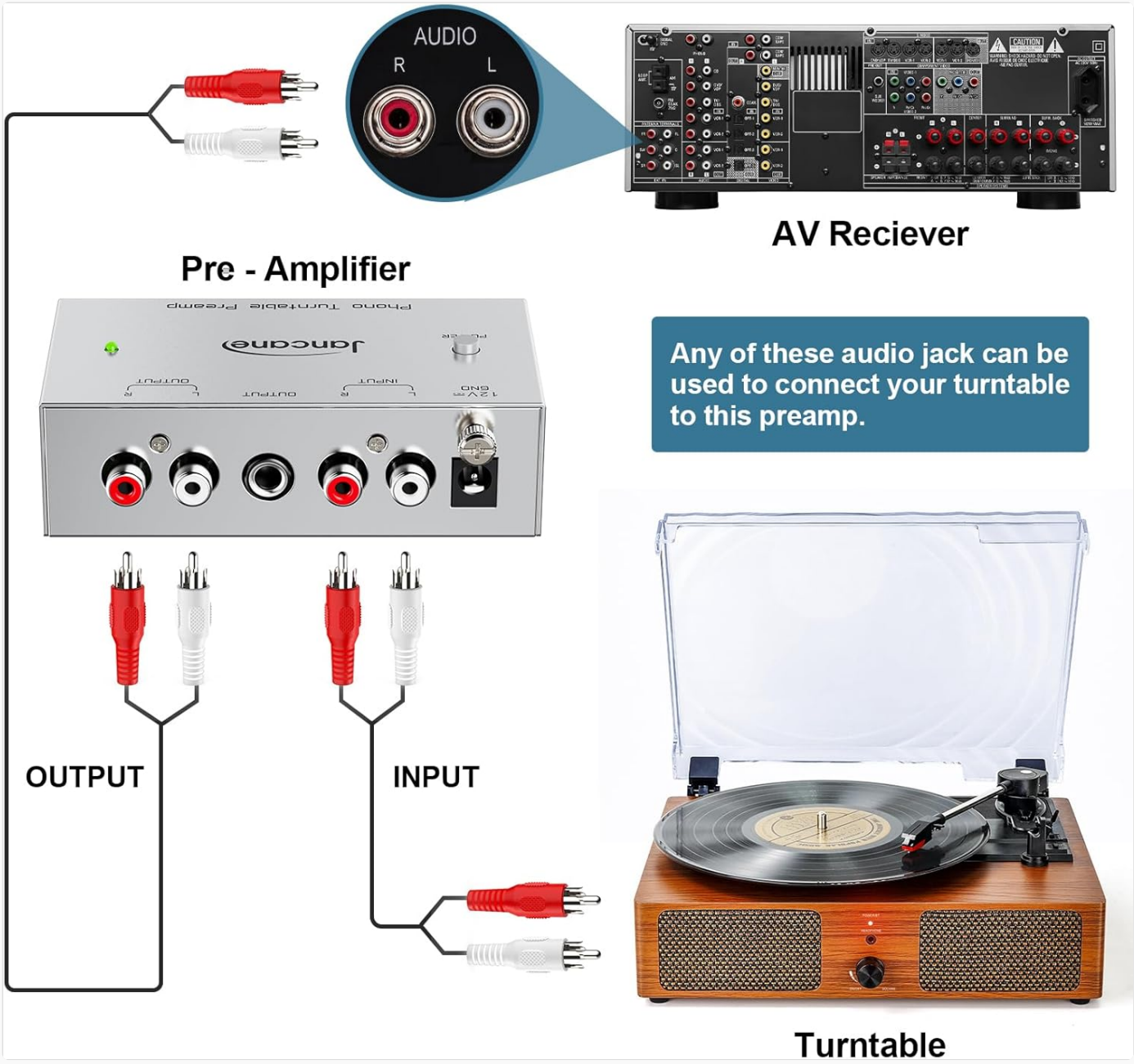


Figure 4: Typical connection diagram for the Jancane AU224.

5. Operating Instructions

Once the Jancane AU224 is properly set up, operating it is straightforward:

1. Ensure all connections are secure and the power adapter is plugged in.
2. Press the **Power** switch on the front of the unit to turn it on. The green LED indicator will light up.
3. Select the corresponding input on your amplifier or receiver (e.g., AUX, CD).
4. Start playing a record on your turntable.
5. Adjust the volume on your amplifier or receiver to your desired listening level.

The Jancane AU224 features low-noise audio operational amplifiers, designed to deliver the sound from your vinyl records with clarity and minimal interference.



Figure 5: Activating the power switch on the Jancane AU224.

6. Maintenance

To ensure the longevity and optimal performance of your Jancane AU224 Phono Turntable Preamplifier, follow these simple maintenance guidelines:

- Keep the unit clean by wiping it with a soft, dry cloth. Avoid using liquid cleaners or solvents.
- Do not expose the unit to excessive moisture, dust, or extreme temperatures.
- Ensure proper ventilation around the unit to prevent overheating.
- Disconnect the power adapter if the unit will not be used for an extended period.

7. Troubleshooting

If you encounter any issues with your Jancane AU224, please refer to the following troubleshooting guide:

Problem	Possible Cause	Solution
No sound output	• Unit not powered on. • Incorrect cable connections. • Wrong input selected on amplifier/receiver. • Faulty cables.	• Ensure the power switch is ON and the LED is lit. • Verify all RCA and/or TRS cables are securely connected to the correct input/output ports. • Select the correct input source on your amplifier/receiver. • Test with different audio cables.
Humming or buzzing noise	• Ground wire not connected or loose. • Interference from other electronic devices. • Poor quality or damaged cables. • Ground loop issue.	• Ensure the turntable's ground wire is securely connected to the 12V GND terminal on the preamp. • Move the preamp away from other electronic devices (e.g., power supplies, Wi-Fi routers). • Replace old or damaged RCA cables with new, shielded ones. • Try plugging the preamp and connected audio equipment into the same power strip.
Low volume output	• Volume on amplifier/receiver is too low. • Incorrect input sensitivity on connected equipment.	• Increase the volume on your amplifier or receiver. • Ensure the input on your amplifier/receiver is set to a standard line-level input, not another phono input.

8. Specifications

Feature	Detail
Model Number	AU224
Product Dimensions	4.02 x 1.18 x 2.36 inches (103 x 31 x 57 mm)
Item Weight	12 ounces (approx. 340 grams)
Input	Stereo RCA (L/R)
Output	Stereo RCA (L/R), 6.35mm TRS Jack
Power Supply	DC 12V Adapter (included)
Manufacturer	Jancane

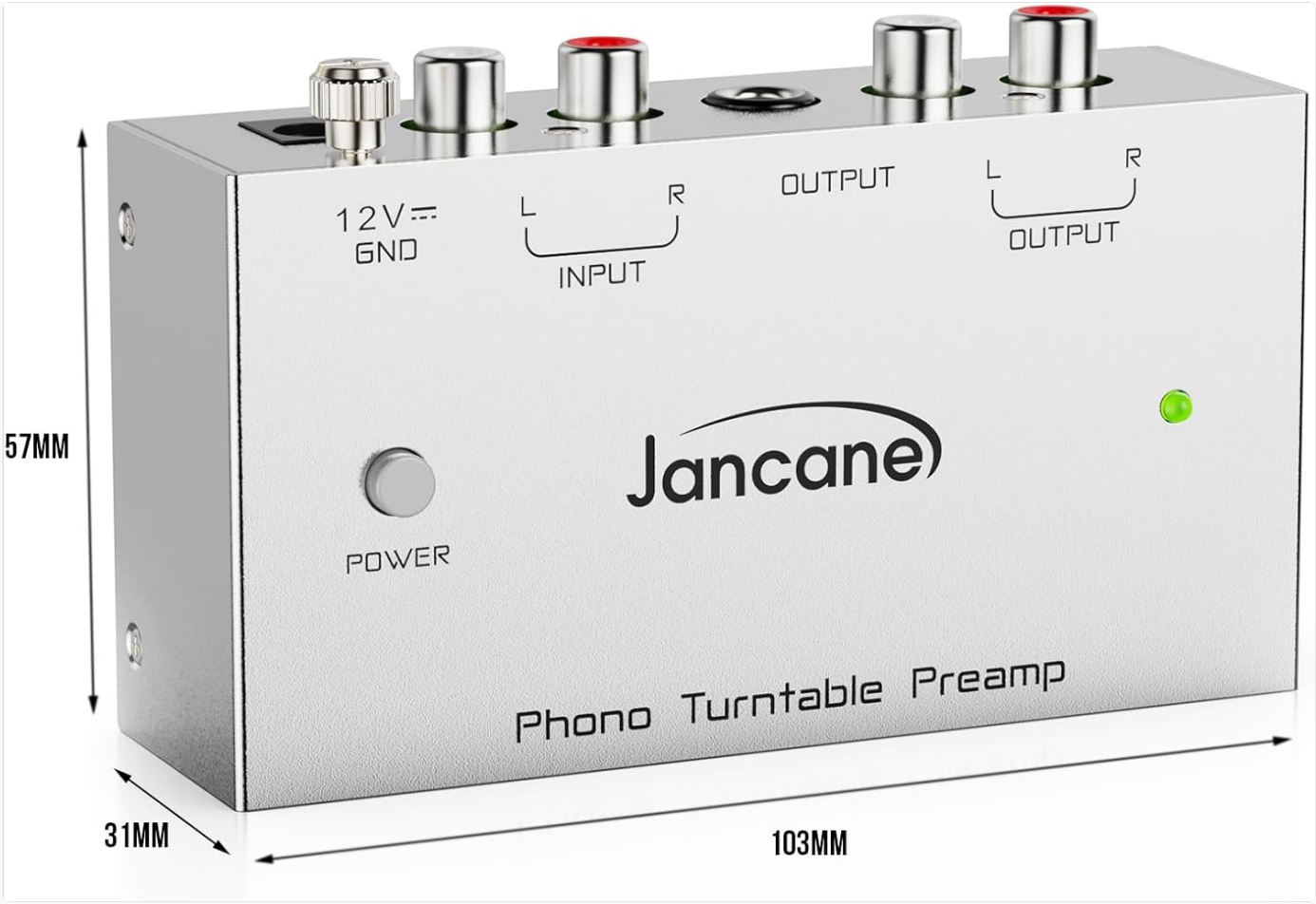


Figure 6: Physical dimensions of the Jancane AU224.

9. Warranty and Support

The Jancane AU224 Phono Turntable Preamplifier comes with a**1-year manufacturer's guarantee**. This warranty covers defects in materials and workmanship under normal use.
For technical support, troubleshooting assistance, or warranty claims, please contact Jancane customer service through the retailer where the product was purchased or visit the official Jancane website for contact information.
Please retain your proof of purchase for warranty validation.

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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.

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