

Vincent PHO-200

Vincent PHO-200 Phono Preamp User Manual

MODEL: PHO-200

1. Introduction

The Vincent PHO-200 is a compact and high-quality phono preamplifier designed to integrate your turntable with an audio system that lacks a dedicated phono input. This unit provides the necessary amplification and equalization for both Moving Magnet (MM) and Moving Coil (MC) cartridges, ensuring optimal sound reproduction from your vinyl records. Its robust aluminum casing and external power supply are engineered to minimize interference and deliver a clear, dynamic audio experience.

2. Safety Instructions

- Read all instructions carefully before operating the device.
- Keep this manual for future reference.
- Do not expose the unit to water, moisture, or excessive humidity.
- Ensure proper ventilation; do not block any ventilation openings.
- Use only attachments and accessories specified by the manufacturer.
- Unplug the unit during lightning storms or when unused for long periods.
- Refer all servicing to qualified service personnel. Do not attempt to repair the unit yourself.
- Place the unit on a stable, level surface to prevent accidental falls.

3. Package Contents

Please check the package for the following items:

- 1 x Vincent PHO-200 Phono Preamp
- 1 x External Power Supply Unit
- 1 x User Manual

4. Product Overview

The Vincent PHO-200 features a minimalist design with essential controls and connections for optimal performance.

Front Panel

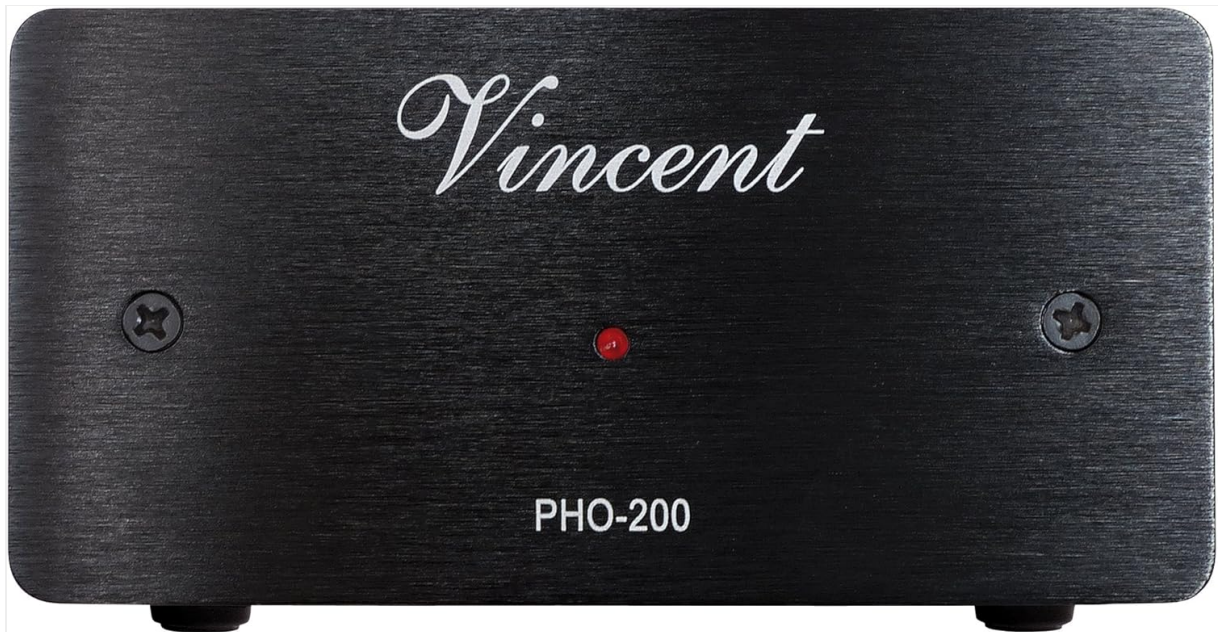


Image: Front view of the Vincent PHO-200 Phono Preamplifier, showing the power switch on the left and a red LED indicator on the right. The 'Vincent' logo and 'PHO-200' model name are prominently displayed.

- **Power Switch:** Toggles the unit on or off.
- **Power Indicator LED:** Illuminates when the unit is powered on.

Rear Panel



Image: Rear view of the Vincent PHO-200 Phono Preamplifier, displaying the input and output RCA jacks, a ground terminal, and the power input. The 'IN' and 'OUT' sections are clearly labeled for left (L) and right (R) channels.

- **IN (L/R):** RCA stereo input jacks for connecting your turntable.
- **OUT (L/R):** RCA stereo output jacks for connecting to your amplifier's line-level input.
- **GND:** Ground terminal for connecting your turntable's ground wire.

- **POWER:** Input jack for the external power supply unit.

Bottom Panel

- **MM/MC Switch:** Selects between Moving Magnet (MM) and Moving Coil (MC) cartridge modes. This switch is located on the underside of the unit.

5. Setup

Follow these steps to set up your Vincent PHO-200 Phono Preamp:

1. **Placement:** Place the PHO-200 on a stable, level surface. Ensure it is away from direct sunlight, heat sources, and other electronic devices that might cause interference. Allow adequate space for ventilation around the unit.
2. **MM/MC Selection:** Before making any connections, locate the MM/MC switch on the **bottom** of the PHO-200. Set this switch according to the type of cartridge installed on your turntable (Moving Magnet or Moving Coil). *It is crucial to set this correctly for proper sound and to avoid potential damage.*
3. **Connect Turntable:** Connect the RCA output cables from your turntable to the **IN (L/R)** RCA jacks on the rear panel of the PHO-200. Ensure the left channel (white/L) and right channel (red/R) are connected correctly.
4. **Connect Ground Wire:** Connect your turntable's ground wire to the **GND** terminal on the rear panel of the PHO-200. This helps to reduce hum and noise.
5. **Connect to Amplifier:** Connect the **OUT (L/R)** RCA jacks on the rear panel of the PHO-200 to a line-level input on your main amplifier (e.g., AUX, CD, TUNER, LINE IN). **Do not connect the PHO-200's output to an amplifier's dedicated PHONO input**, as this will result in over-amplification and distorted sound.
6. **Connect Power Supply:** Connect the external power supply unit to the **POWER** input jack on the rear panel of the PHO-200. Then, plug the power supply into a suitable wall outlet. The external power supply is designed to minimize electrical interference.

6. Operating Instructions

Once all connections are securely made and the MM/MC switch is correctly set:

1. **Power On:** Flip the power switch on the front panel of the PHO-200 to the 'ON' position. The power indicator LED will illuminate.
2. **Select Input:** On your main amplifier, select the input to which the PHO-200 is connected (e.g., AUX, CD).
3. **Play Record:** Begin playing a record on your turntable as you normally would.
4. **Adjust Volume:** Adjust the volume level using the volume control on your main amplifier. The PHO-200 does not have its own volume control.
5. **Power Off:** When finished listening, flip the power switch on the front panel of the PHO-200 to the 'OFF' position.

7. Maintenance

To ensure the longevity and optimal performance of your PHO-200:

- **Cleaning:** Disconnect the power supply before cleaning. Use a soft, dry cloth to wipe the exterior of the

unit. Do not use liquid cleaners, abrasive cloths, or chemical solvents, as these may damage the finish.

- **Ventilation:** Ensure that the ventilation openings are not obstructed.
- **Storage:** If the unit will not be used for an extended period, disconnect the power supply and store it in a cool, dry place, away from dust and extreme temperatures.

8. Troubleshooting

If you encounter any issues with your PHO-200, please refer to the following troubleshooting guide:

- **No Sound:**
 - Ensure the PHO-200 is powered on (LED indicator illuminated).
 - Check all RCA cable connections between the turntable, PHO-200, and amplifier.
 - Verify that the correct input is selected on your main amplifier.
 - Confirm the MM/MC switch on the bottom of the PHO-200 is set correctly for your cartridge type.
 - Check if your turntable is functioning correctly.
- **Humming or Buzzing Noise:**
 - Ensure the turntable's ground wire is securely connected to the GND terminal on the PHO-200.
 - Check for loose RCA cable connections.
 - Move the PHO-200 and its cables away from other electronic devices (e.g., power transformers, Wi-Fi routers) that might cause electromagnetic interference.
 - Ensure the external power supply is used and properly connected.
- **Distorted Sound:**
 - Verify that the MM/MC switch on the bottom of the PHO-200 is set correctly for your cartridge type. An incorrect setting can cause distortion.
 - Ensure the PHO-200 is connected to a **line-level input** on your amplifier, not another phono input.
 - Check for damaged or faulty RCA cables.
 - Ensure your turntable's cartridge and stylus are in good condition and properly aligned.

If the problem persists after checking these points, please contact your authorized Vincent dealer or technical support.

9. Specifications

Transmission	10 Hz - 20 kHz (+/- 0.5 dB); 10 Hz - 50 kHz (+/- 2 dB)
Input Sensitivity MM	58 mV
Input Sensitivity MC	6.8 mV
Input Impedance MM	47 kOhm
Input Impedance MC	100 ohms
Amplification Factor MM	40 dB
Amplification Factor MC	100 dB
Inputs	1 x Stereo RCA

Outputs	1 x Stereo RCA
Dimensions (W x H x D)	115 x 55 x 130 mm
Weight	1 kg
Model Number	5005374

10. Warranty and Support

For detailed information regarding the warranty period and terms for your Vincent PHO-200, please refer to the warranty card included with your product or consult your purchase documentation. Warranty conditions may vary by region and retailer.

For technical assistance, service inquiries, or further product information, please contact your authorized Vincent dealer or visit the official Vincent website. Please have your product model and serial number available when contacting support.