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Nobsound NS-05P

Nobsound NS-05P Mini Passive Preamplifier

User Manual

Model: NS-05P | Manufacturer Reference: JMQ277

Introduction

The Nobsound NS-05P is a compact, passive preamplifier designed to provide precise volume control and input/output selection for active speakers and other audio equipment. This device operates without an amplification circuit, ensuring the most original audio signal quality from your source to your active speakers. It is an ideal solution for audiophiles using professional active monitor speakers that lack integrated volume control.

This manual provides essential information for setting up, operating, and maintaining your NS-05P preamplifier. Please read it carefully before use.

1. Setup

Follow these steps to connect your Nobsound NS-05P Mini Passive Preamplifier to your audio system:

1. **Identify Inputs and Outputs:** The NS-05P features both RCA and XLR input and output connections. The front panel has selector switches for both input and output types.
2. **Connect Audio Sources:** Connect your audio source devices (e.g., MP3 player, phone, computer, CD player) to the **INPUT** ports on the rear panel. You can use either RCA or XLR cables.
3. **Connect Active Speakers/Amplifier:** Connect your active speakers or power amplifier to the**OUTPUT** ports on the rear panel. Again, you can use either RCA or XLR cables.
4. **Select Input Type:** On the front panel, use the 'IN' selector switch to choose between RCA or XLR input, matching your connected source.
5. **Select Output Type:** On the front panel, use the 'OUT' selector switch to choose between RCA or XLR output, matching your connected active speakers or amplifier.
6. **Initial Volume Setting:** Before playing audio, ensure the volume knob on the front panel is set to its minimum position to prevent sudden loud sounds.



Figure 1: Front and rear panel overview of the Nobsound NS-05P. The top image shows the front panel with the volume knob, input selector (IN), and output selector (OUT) for RCA/XLR. The bottom image displays the rear panel with XLR and RCA input ports on the left, and XLR and RCA output ports on the right. Below the rear panel, common input devices like MP3 players, phones, computers, and CD players are shown, along with output devices such as amplifiers, mixers, and preamplifiers.



Figure 2: The Nobsound NS-05P preamplifier positioned within a typical home audio system, demonstrating its compact size and integration with other Hi-Fi components and speakers.

2. Operating Instructions

1. **Power On Source Devices:** Ensure your audio source and active speakers/amplifier are powered on.
2. **Adjust Volume:** Slowly turn the large 'Volume' knob clockwise to increase the audio level to your desired listening volume. Turn counter-clockwise to decrease volume.
3. **Switch Inputs/Outputs (if necessary):** If you have multiple sources or output devices connected, use the 'IN' and 'OUT' selector switches on the front panel to select the active connection.

Important Note: The NS-05P is a passive device. It does not require external power and does not amplify the audio signal. It acts solely as a signal router and volume attenuator. The amplification is provided by your active speakers or power amplifier.

3. Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the unit. Do not use liquid cleaners or solvents, as they may damage the finish or internal components.
- **Placement:** Place the unit on a stable, flat surface away from direct sunlight, heat sources, and excessive moisture. Ensure adequate ventilation around the unit.
- **Handling:** Handle the unit with care. Avoid dropping it or subjecting it to strong impacts.

4. Troubleshooting

- **No Sound:**
  - Check all cable connections (input and output) to ensure they are secure.
  - Verify that the 'IN' and 'OUT' selector switches on the front panel match the type of cables and devices connected (RCA or XLR).
  - Ensure your audio source device is playing and its volume is not muted or too low.
  - Confirm your active speakers or amplifier are powered on and functioning correctly.
  - Increase the volume knob on the NS-05P slowly.
- **Low Volume:**
  - As a passive preamplifier, the NS-05P does not boost the signal. Ensure your source device provides a strong enough signal and your active speakers/amplifier have sufficient gain.
  - Check the volume settings on both your source device and your active speakers/amplifier.
- **Hissing or Noise:**
  - Ensure all cables are high quality and properly shielded.
  - Check for ground loops. Try connecting all audio equipment to the same power outlet strip.
  - Minimize interference by keeping the unit away from other electronic devices that might emit electromagnetic interference.
  - Some users report a slight hiss when adjusting the volume knob; this is often inherent to passive volume controls and typically disappears once the volume is set.
- **Sound Distortion:**
  - Ensure the impedance of your load (active speakers/amplifier) is compatible with the preamplifier to avoid damage or poor performance.
  - Reduce the volume from your source device if it is too high, potentially overdriving the input of the NS-05P or your active speakers.

5. Specifications

Model	NS-05P
Manufacturer Reference	JMQ277
Dimensions (L x H x D)	148 x 48 x 80 mm (approx. 5.8 x 1.9 x 3.1 inches)
Weight	0.6 kg (approx. 1.32 lbs)
Impedance	50 KΩ

Inputs	RCA / XLR (selectable)
Outputs	RCA / XLR (selectable)
Potentiometer	ALPS 09 Fully Balanced Quad Potentiometer



Figure 3: Dimensional drawing of the Nobsound NS-05P, indicating its length (154mm / 6.06in), height (52mm / 2.05in), and depth (70mm / 2.76in). Also shows net weight (415g / 0.91lb) and package weight (600g / 1.32lb).

6. Warranty and Support

For warranty information and technical support, please refer to the documentation included with your purchase or contact the seller directly. Nobsound products typically come with a standard manufacturer's warranty. Keep your proof of purchase for any warranty claims.

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