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> [Nobsound High Precision Passive Preamp Volume Controller \(Model JMQ399H-FS\) - Instruction Manual](#)

Nobsound JMQ399H-FS

Nobsound High Precision Passive Preamp Volume Controller

Model: JMQ399H-FS

1. INTRODUCTION

This manual provides detailed instructions for the Nobsound High Precision Passive Preamp Volume Controller, Model JMQ399H-FS. This device is designed to offer precise and lossless volume control for your audio system without adding any gain or coloration to the sound. It is ideal for integrating between high-output audio sources and power amplifiers or active speakers.

2. PRODUCT OVERVIEW

The Nobsound Passive Preamp features a minimalist design focused on audio purity. It includes a high-quality ALPS potentiometer for smooth volume adjustment and robust RCA input/output terminals.



Figure 2.1: Front and rear view of the Nobsound Passive Preamp. The front features the volume knob, while the rear has clearly labeled RCA input (IN) and output (OUT) ports.

3. SETUP

Follow these steps to integrate the passive preamp into your audio system:

1. **Identify Components:** Locate your audio source (e.g., CD player, DAC, PC sound card) and your amplifier or active speakers.
2. **Connect Input:** Using high-quality RCA cables, connect the audio output of your source device to the **IN** RCA ports on the rear of the Nobsound Passive Preamp. Ensure left (L) and right (R) channels are correctly matched.
3. **Connect Output:** Using another set of RCA cables, connect the **OUT** RCA ports on the rear of the Nobsound Passive Preamp to the audio input of your power amplifier or active speakers. Again, ensure correct channel matching.
4. **Power On:** Since this is a passive device, it does not require external power. Once connections are secure, power on your source device and amplifier/active speakers.

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Video 3.1: This video demonstrates the connection process for the Nobsound RCA High Precision Passive Preamp, showing how to

connect RCA cables to the input and output ports.

4. OPERATING INSTRUCTIONS

Operating the Nobsound Passive Preamp is straightforward:

1. **Volume Control:** Use the large knob on the front panel to adjust the audio volume. Rotate clockwise to increase volume and counter-clockwise to decrease it.
2. **Initial Volume Setting:** It is recommended to start with the volume knob at its lowest setting before playing audio to prevent sudden loud sounds.
3. **Source Output:** For optimal performance, ensure your audio source device (DAC, CD player, etc.) has a sufficiently high output signal, as the passive preamp does not amplify the signal.

PACKING LIST

What's in the Box ?

Net Weight
224g / 0.49lb

Package Weight
300g / 0.66lb



1 × VOL-3

Figure 4.1: The large, knurled volume knob on the front panel allows for precise and smooth adjustment of audio levels.

Your browser does not support the video tag.

Video 4.1: This video illustrates the smooth operation of the ALPS volume control knob on the Nobsound Passive Preamp.

5. MAINTENANCE

To ensure the longevity and optimal performance of your Nobsound Passive Preamp, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe the aluminum chassis. Avoid abrasive cleaners or solvents that could damage the finish.
- **RCA Terminals:** Periodically check the RCA terminals for dust or corrosion. If necessary, gently clean them with a suitable audio contact cleaner.
- **Placement:** Place the unit on a stable, flat surface away from direct sunlight, heat sources, and excessive moisture. Ensure adequate ventilation around the unit.

6. TROUBLESHOOTING

If you encounter issues with your Nobsound Passive Preamp, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No sound output	Incorrect cable connections; Source device not playing; Amplifier/speakers off or muted.	Verify all RCA cables are securely connected to the correct IN/OUT ports. Ensure your audio source is active and playing. Check that your amplifier/speakers are powered on and not muted.
Distorted or low-quality sound	Poor quality cables; Loose connections; Source device output too low or too high.	Use high-quality RCA cables. Ensure all connections are firm. Check the output level of your source device; the passive preamp works best with high-output sources.
Volume knob feels stiff or scratchy	Dust or debris inside the potentiometer.	This is rare with the ALPS potentiometer. If persistent, contact customer support. Do not attempt to disassemble the unit.

7. SPECIFICATIONS

Feature	Detail
Model	JMQ399H-FS
Product Dimensions (D x W x H)	3.7 x 2.05 x 1.69 inches (94mm x 52mm x 43mm)
Item Weight	7.8 ounces (224g)
Material	CNC-machined Full Aluminum Alloy
Potentiometer	ALPS A50K Dual Potentiometer
RCA Terminals	US CMC-816U Oxygen-Free Copper, 24K Gold-Plated
Compatible Devices	Active Speaker, Amplifier, CD Player, PC, DAC



Figure 7.1: Dimensions of the Nobsound Passive Preamp, illustrating its compact size.

8. WHAT'S IN THE BOX

The package for your Nobsound High Precision Passive Preamp Volume Controller includes:

- 1x Nobsound Passive Preamp & Volume Control (Model JMQ399H-FS)

9. WARRANTY AND SUPPORT

Nobsound products are manufactured to high-quality standards. For specific warranty information, please refer to the product packaging or the official Nobsound website. If you require technical assistance or have questions regarding your product, please contact Nobsound customer support through the retailer where you purchased the item or via the official brand channels.