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Nobsound NS-01G PRO

Nobsound NS-01G PRO Mini Bluetooth 5.0 Hi-Fi Stereo Power Amplifier User Manual

1. Introduction

Thank you for purchasing the Nobsound NS-01G PRO Mini Bluetooth 5.0 Hi-Fi Stereo Power Amplifier. This compact yet powerful amplifier is designed to deliver high-fidelity audio from various sources, including Bluetooth-enabled devices, USB audio, and AUX input. Please read this manual thoroughly before using the device to ensure proper operation and to maximize your listening experience.

2. Important Safety Information

- Read these instructions.
- Keep these instructions.
- Heed all warnings.
- Follow all instructions.
- Do not use this apparatus near water.
- Clean only with a dry cloth.
- Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- Only use attachments/accessories specified by the manufacturer.
- Unplug this apparatus during lightning storms or when unused for long periods of time.
- Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

3. Package Contents

Please check the package for the following items:

- 1 x Nobsound NS-01G PRO Mini Bluetooth Power Amplifier
- 1 x DC 19V Power Adapter

- 1 x USB Cable
- 1 x RCA Cable
- 1 x 3.5mm Audio Cable
- 1 x User Manual (this document)



Figure 3.1: Contents of the Nobsound NS-01G PRO package, including the amplifier, power adapter, USB cable, RCA cable, and 3.5mm audio cable.

4. Product Overview

The Nobsound NS-01G PRO is a compact and versatile stereo power amplifier. Below are the key components and their functions.

4.1 Front Panel

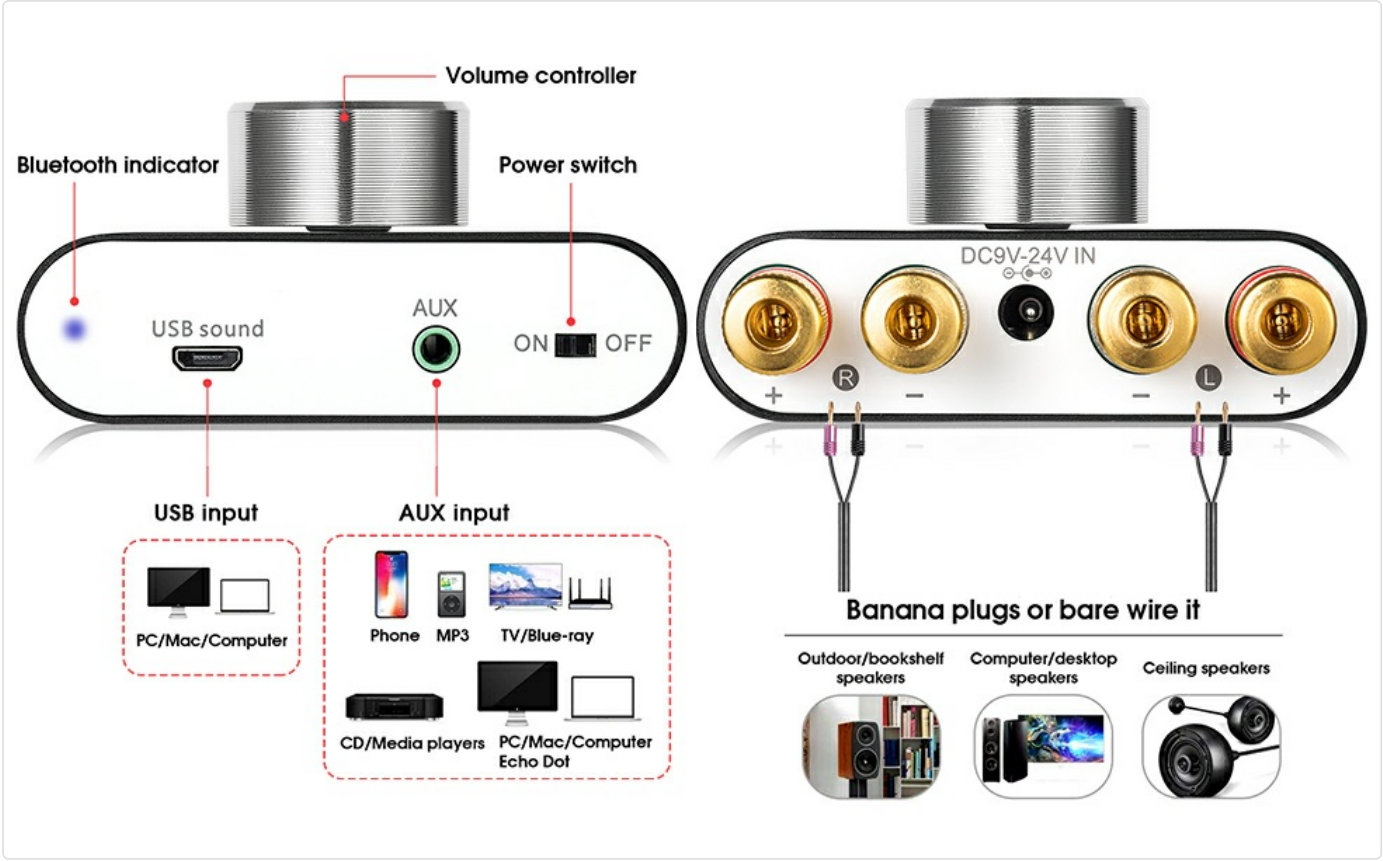


Figure 4.1: Front and rear panel layout of the Nobsound NS-01G PRO amplifier with labeled ports and controls.

1. **Volume Controller:** Rotary knob to adjust the output volume.
2. **Bluetooth Indicator:** LED light indicating Bluetooth status (pairing, connected).
3. **USB Sound Input:** Micro-USB port for connecting to a computer as a USB sound card.
4. **AUX Input:** 3.5mm stereo jack for connecting external audio devices via AUX cable.
5. **Power Switch:** Toggle switch to turn the amplifier ON or OFF.

4.2 Rear Panel

6. **DC 9V-24V IN:** Power input jack for connecting the provided power adapter.
7. **Speaker Output Terminals (R+, R-, L+, L-):** Binding posts for connecting passive speakers. Supports banana plugs or bare wire.

5. Setup

Follow these steps to set up your Nobsound NS-01G PRO amplifier.

5.1 Speaker Connection

The amplifier supports passive speakers with impedance between 4-8 ohms. You can use banana plugs or bare speaker wire.

1. Identify the positive (+) and negative (-) terminals on your speakers and on the amplifier.
2. Connect the positive (+) terminal of your right speaker to the R+ terminal on the amplifier.
3. Connect the negative (-) terminal of your right speaker to the R- terminal on the amplifier.
4. Repeat the process for the left speaker, connecting to the L+ and L- terminals.
5. Ensure all connections are secure to prevent short circuits.



Figure 5.1: Diagram showing how to connect speakers to the amplifier using banana plugs or bare wire.

5.2 Power Connection

1. Connect the DC output plug of the provided 19V power adapter to the "DC 9V-24V IN" jack on the rear panel of the amplifier.
2. Plug the AC input cable of the power adapter into a suitable wall outlet.

6. Operating Instructions

6.1 Power On/Off

Toggle the "ON/OFF" switch on the front panel to turn the amplifier on or off.

6.2 Input Selection

The NS-01G PRO automatically switches between inputs based on the active connection. Priority is generally given to USB, then Bluetooth, then AUX. Disconnect unused inputs to ensure the desired source plays.

6.3 Bluetooth Pairing

1. Turn on the amplifier. The Bluetooth indicator light will start blinking, indicating it is in pairing mode.
2. On your Bluetooth-enabled device (smartphone, tablet, computer), go to the Bluetooth settings and search for available devices.
3. Select "Nobsound" or "NS-01G PRO" from the list of devices.
4. Once connected, the Bluetooth indicator light will stop blinking and remain solid.
5. You can now play audio from your device through the amplifier.



Figure 6.1: The Nobsound NS-01G PRO features Bluetooth 5.0 for stable and fast wireless audio streaming.

6.4 USB Audio (Sound Card Function)

1. Connect the amplifier to your computer using the provided USB cable (Micro-USB to USB-A).
2. The computer should automatically recognize the amplifier as an audio output device (USB Sound Card) without needing additional drivers.
3. Select the "Nobsound" or "USB Audio Device" as your default playback device in your computer's sound settings.
4. You can now play audio from your computer through the amplifier.

6.5 AUX Input

1. Connect your audio source (e.g., MP3 player, CD player, TV) to the "AUX Input" jack on the front panel using the provided 3.5mm audio cable or an RCA to 3.5mm cable.
2. Ensure no USB or Bluetooth device is actively playing to allow the AUX input to be selected.



Figure 6.2: The amplifier supports various input sources including desktop PCs, tablets, phones, Blu-ray players, laptops, and TVs.

6.6 Volume Control

Rotate the "Volume Controller" knob on the front panel clockwise to increase the volume and counter-clockwise to decrease it.

7. Specifications

Feature	Specification
Brand	Nobsound

Model	NS-01G PRO
Channels	2.0 (Stereo)
Output Power	100 Watts (50W x 2)
Input Options	AUX (3.5mm), USB, Bluetooth 5.0
Speaker Impedance	4-8 Ohms
Power Supply	DC 9V-24V (19V adapter included)
Dimensions (L x W x H)	8.5 x 7.7 x 3.8 cm (3.35 x 3.03 x 1.5 inches)
Weight	460 grams (1.01 lbs)
Material	Aluminum, Plastic

8. Troubleshooting

If you encounter any issues with your amplifier, please refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No sound output	• Power not connected or turned on. • Incorrect input selected. • Speaker wires loose or incorrectly connected. • Volume too low on amplifier or source device. • Source device not playing audio.	• Ensure power adapter is connected and amplifier is ON. • Disconnect other input sources to ensure desired input is active. • Check speaker wire connections for polarity and tightness. • Increase volume on both amplifier and source device. • Verify audio playback on the source device.
Bluetooth device cannot pair	• Amplifier not in pairing mode. • Device too far from amplifier. • Bluetooth interference.	• Ensure amplifier is ON and Bluetooth indicator is blinking. • Move device closer to the amplifier (within 10 meters). • Turn off other Bluetooth devices nearby. • Try restarting both the amplifier and your Bluetooth device.
Sound distortion or static	• Volume too high, causing clipping. • Poor quality audio source or cable. • Speaker impedance mismatch. • Interference from other electronic devices.	• Reduce volume on amplifier and/or source device. • Try a different audio source or cable. • Ensure speakers are within the recommended 4-8 ohm range. • Move amplifier away from other electronics.

USB audio not working	• Incorrect audio output selected on computer. • USB cable faulty.	• Select "Nobsound" or "USB Audio Device" as the default playback device in your computer's sound settings. • Try a different USB cable. • Restart your computer and the amplifier.

9. Maintenance

To ensure the longevity and optimal performance of your Nobsound NS-01G PRO amplifier, please follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the amplifier. Do not use liquid cleaners, aerosols, or solvents, as they may damage the finish or internal components.
- **Ventilation:** Ensure the amplifier is placed in a well-ventilated area. Do not block any ventilation openings.
- **Storage:** When not in use for extended periods, store the amplifier in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Power:** Always use the provided power adapter. Disconnect the power adapter from the wall outlet during lightning storms or when the unit is left unattended for long periods.

10. Warranty and Support

Nobsound provides a 1-year warranty for this product from the date of purchase. This warranty covers manufacturing defects and workmanship. It does not cover damage caused by misuse, accidents, unauthorized modifications, or normal wear and tear.

For technical support, warranty claims, or any questions regarding your Nobsound NS-01G PRO amplifier, please contact your retailer or visit the official Nobsound website for contact information.

Contact Information: Please refer to your purchase documentation or the Nobsound official website for the most up-to-date support contact details.

Ask a question about this manual

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

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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