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Nobsound NS-01G Pro

Nobsound NS-01G Pro Bluetooth 5.0 Power Amplifier User Manual

Model: NS-01G Pro | Brand: Nobsound

Introduction

Thank you for purchasing the Nobsound NS-01G Pro Bluetooth 5.0 Power Amplifier. This manual provides detailed instructions for the proper setup, operation, and maintenance of your device. Please read this manual thoroughly before use to ensure optimal performance and to prevent damage.



Image: The Nobsound NS-01G Pro Bluetooth 5.0 Power Amplifier, shown in blue, featuring a compact design with a prominent volume knob on top and various input ports on the front.

Product Overview

The Nobsound NS-01G Pro is a versatile 2-in-1 amplifier, combining a Bluetooth receiver and a power amplifier. It allows for wireless connection to speakers from smartphones and other devices. Despite its mini size, it delivers a powerful 100W output.

Key Features:

- **2-in-1 Functionality:** Bluetooth receiver and power amplifier.
- **High Output Power:** Up to 100W (50W x 2 channels).
- **Multiple Input Options:** AUX (3.5mm), USB, and Bluetooth 5.0.
- **Compact Design:** Small footprint for easy placement.
- **Speaker Compatibility:** Designed for 5-8 inch / 4-8Ω / 20-120W speakers.

Component Identification:

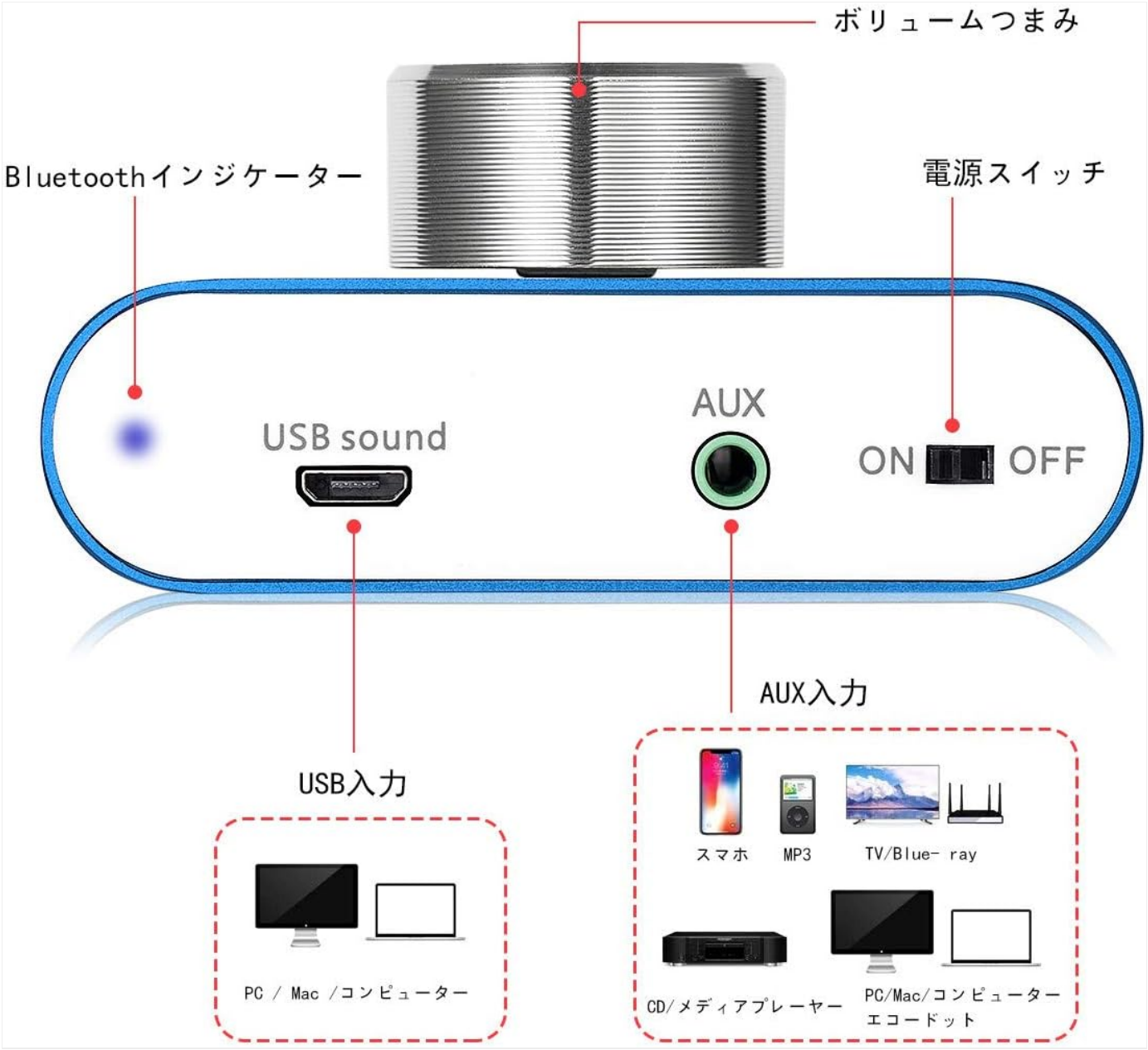


Image: Diagram of the Nobsound NS-01G Pro front panel, showing the volume knob, Bluetooth indicator, power switch, USB sound input, and AUX input.

- **Volume Knob:** Controls the output volume.
- **Bluetooth Indicator:** Lights up when Bluetooth is active.
- **Power Switch:** Turns the unit ON/OFF.
- **USB Sound Input:** Connects to a PC/Mac for audio input.
- **AUX Input (3.5mm):** Connects to smartphones, MP3 players, TVs, CD players, etc.



Image: Diagram of the Nobsound NS-01G Pro rear panel, showing the DC 9V-24V power input and speaker output terminals (Left and Right channels, positive and negative).

- **DC 9V-24V IN:** Power input port.
- **Speaker Output Terminals (R+, R-, L+, L-):** Connects to passive speakers using banana plugs or bare wire.



Image: The Nobsound NS-01G Pro amplifier held in a hand, demonstrating its compact and portable size.

Setup Instructions

1. **Connect Speakers:** Connect your passive speakers to the speaker output terminals on the rear of the amplifier. Ensure correct polarity (+ to + and - to -) for both Left (L) and Right (R) channels. The amplifier is suitable for 5-8 inch / 4-8Ω / 20-120W speakers.
2. **Connect Power:** Connect the provided DC 19V power adapter to the DC 9V-24V IN port on the rear of the amplifier, then plug the adapter into a power outlet.
3. **Connect Audio Source:** Choose your desired audio input method:
   - **Bluetooth:** Ensure no cable is plugged into the AUX input. The amplifier will automatically enter Bluetooth pairing mode.
   - **AUX (3.5mm):** Connect your audio device (smartphone, MP3 player, TV, CD player) to the AUX input port on the front using a 3.5mm audio cable.
   - **USB:** Connect your PC or Mac to the USB sound input port on the front using a USB cable. No drivers are typically required for this plug-and-play connection.
4. **Power On:** Flip the power switch on the front panel to the 'ON' position.

最大出力5ow ＋ 5ow

TPA3116チップを採用し、最大出力は100W（50W ＊ 2）に達することができる。
ほとんどの家庭用スピーカーを駆動できます。 HiFiクリアで繊細なサウンド、
高出力でも可聴ノイズはありません。



Image: The Nobsound NS-01G Pro amplifier positioned between two large speakers, illustrating a typical setup and highlighting its 100W maximum output power.

Operating Instructions

Input Selection:

The amplifier automatically prioritizes inputs. If a cable is connected to the AUX input, it will use AUX. If no AUX cable is present, it will default to Bluetooth. USB input is selected when a USB cable is connected to a computer.



Image: The Nobsound NS-01G Pro amplifier with graphical representations of Bluetooth, AUX, and USB connections, indicating its multi-input capability.

Bluetooth Pairing:

1. Ensure no audio cable is plugged into the AUX input.
2. Turn on the amplifier. The Bluetooth indicator light will flash, indicating it's in pairing mode.
3. On your smartphone or other Bluetooth device, search for available devices and select "Nobsound NS-01G Pro" (or similar name).
4. Once paired, the Bluetooth indicator light will remain solid. You can now play audio wirelessly.

USB Audio Playback:

1. Connect the amplifier to your computer via the USB sound input.
2. Your computer should automatically recognize the amplifier as an audio output device. Select it in your sound settings.
3. Play audio from your computer.



Image: The Nobsound NS-01G Pro amplifier with the USB sound input port circled, emphasizing its plug-and-play USB audio capability.

Volume Control:

Rotate the large knob on the top of the amplifier clockwise to increase volume and counter-clockwise to decrease volume.

Maintenance

- Keep the amplifier in a dry, well-ventilated area, away from direct sunlight, heat sources, and moisture.
- Clean the exterior with a soft, dry cloth. Do not use liquid cleaners or solvents.
- Avoid placing heavy objects on top of the amplifier.
- Disconnect power when not in use for extended periods.

Troubleshooting

Problem	Possible Cause / Solution

Problem	Possible Cause / Solution
No sound output	• Ensure the amplifier is powered on. • Check speaker connections for correct polarity and secure fit. • Verify the audio source is playing and its volume is up. • Confirm the correct input (Bluetooth, AUX, USB) is selected. • Check if speakers are compatible (5-8 inch / 4-8Ω / 20-120W).
Poor sound quality, distortion, or overheating	• Using incompatible speakers (outside 5-8 inch / 4-8Ω / 20-120W range) can cause issues. Ensure speakers meet specifications. • Reduce volume if distortion occurs at high levels.
1-2 second silence during Bluetooth playback	• This may indicate insufficient power. Try using a 19V-24V power adapter.
Bluetooth not connecting	• Ensure no cable is plugged into the AUX input, as AUX takes priority. • Make sure the amplifier is in pairing mode (Bluetooth indicator flashing). • Check that Bluetooth is enabled on your source device. • Move the source device closer to the amplifier.

Specifications

Feature	Detail
Brand	Nobsound
Model Number	NS-01G Pro (Manufacturer Model: TA-21)
Number of Channels	2
Output Power	100W (50W x 2)
Inputs	Bluetooth 5.0, AUX (3.5mm), USB
Minimum Power Voltage	9 Volts
Minimum Supply Voltage	9 Volts
Dimensions (L*W*H)	78mm * 70mm * 38mm
Included Components	1 × NS-01G Pro Amplifier, 1 × DC 19V Power Adapter, 1 × 3.5mm-RCA Cable (may vary)

Warranty and Support

Specific warranty information is not provided in the product data. For warranty claims, technical support, or further assistance, please contact the retailer or manufacturer directly. Keep your purchase receipt as proof of purchase.

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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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