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PROZOR Headphones Amplifier

PROZOR HiFi Portable Bluetooth 5.0 Headphone Amplifier User Manual

Model: Headphones Amplifier (DAC137)

1. Introduction

Thank you for choosing the PROZOR HiFi Portable Bluetooth 5.0 Headphone Amplifier. This device is designed to enhance your audio experience by providing powerful amplification and versatile connectivity options for a wide range of headphones and audio sources. Its compact size and long-lasting battery make it ideal for both home and portable use.



Image 1.1: The PROZOR HiFi Portable Bluetooth 5.0 Headphone Amplifier.

Key Features:

- **HiFi Audio Performance:** Delivers high-fidelity sound for an immersive listening experience.
- **Bluetooth 5.0 Receiver:** Seamless wireless connection to your Bluetooth-enabled devices.

- **Portable Design:** Compact and lightweight for on-the-go use.
- **3.5mm Audio Input/Output:** Compatible with a wide range of headphones and audio sources.
- **Volume Control:** Precise control over audio output level.
- **Two-stage Gain Switch (L/H):** Adjusts amplification level for different headphone impedances and audio preferences.
- **Long Battery Life:** Built-in 1500mAh rechargeable battery provides over 8 hours of working time.



Image 1.2: Overview of key features and dimensions of the PROZOR Headphone Amplifier.

2. Product Overview

2.1 Package Contents

Please check the package contents upon opening. If any items are missing or damaged, contact customer support.

- PROZOR HiFi Portable Bluetooth 5.0 Headphone Amplifier (DAC137)
- USB Power Cable
- 3.5mm Audio Cable
- User Manual



Image 2.1: Contents included in the PROZOR Headphone Amplifier package.

2.2 Device Layout

Familiarize yourself with the various ports and controls on your PROZOR Headphone Amplifier.

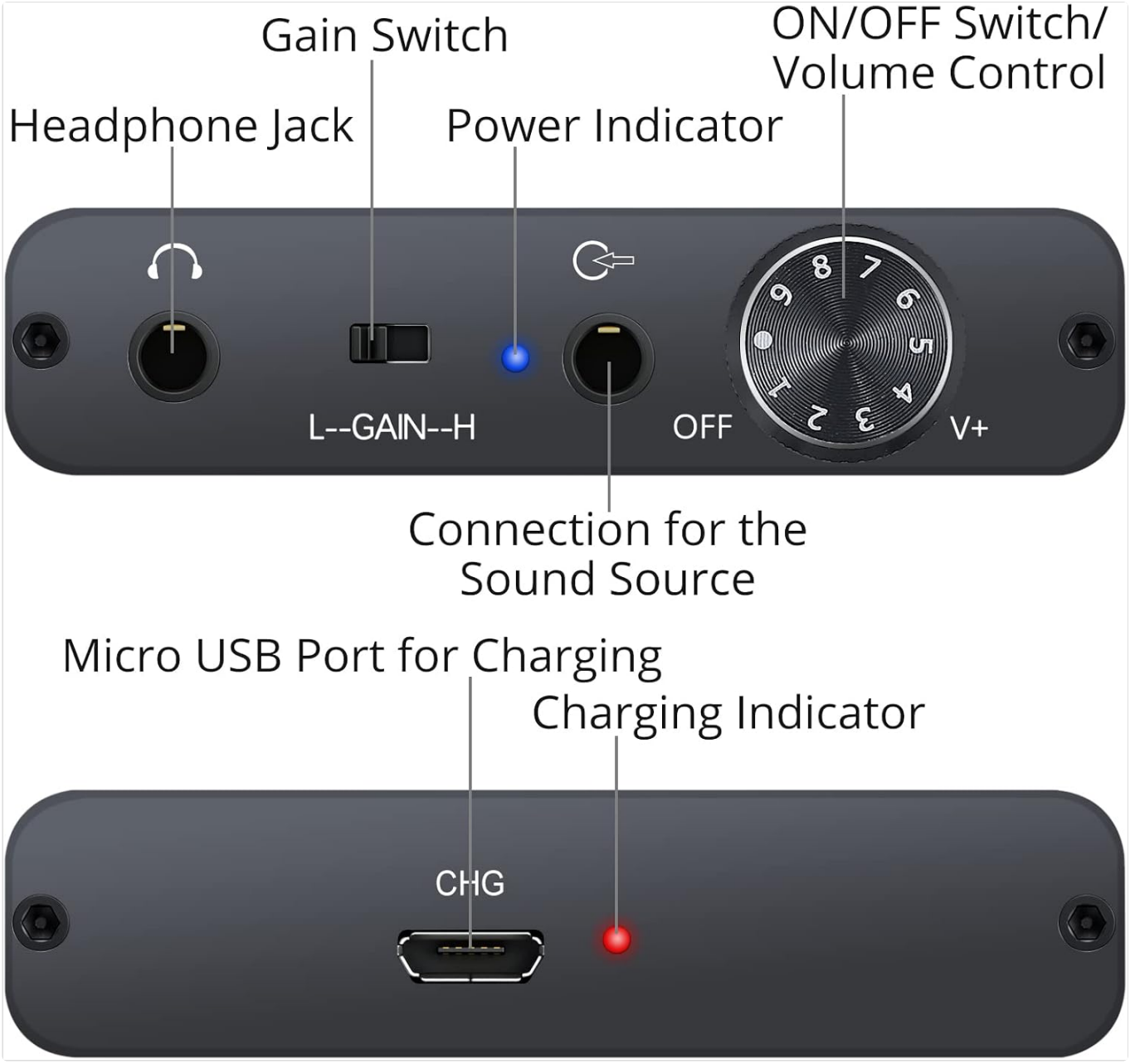


Image 2.2: Detailed diagram of the PROZOR Headphone Amplifier's front and rear panels, showing all ports and controls.

1. **Headphone Jack:** 3.5mm output for connecting headphones.
2. **Gain Switch (L-GAIN-H):** Toggles between Low (L) and High (H) gain settings.
3. **Power Indicator:** LED light indicating power status.
4. **Connection for the Sound Source:** 3.5mm input for connecting audio devices.
5. **ON/OFF Switch/Volume Control:** Rotary knob to power the device on/off and adjust volume.
6. **Micro USB Port for Charging:** Input for charging the device.
7. **Charging Indicator:** LED light indicating charging status.

3. Setup and Connection

3.1 Charging the Device

Before first use, fully charge the amplifier.

1. Connect the supplied USB power cable to the Micro USB Port on the amplifier.
2. Connect the other end of the USB cable to a USB power adapter (not included) or a computer's USB port.
3. The Charging Indicator LED will illuminate during charging and turn off when fully charged.

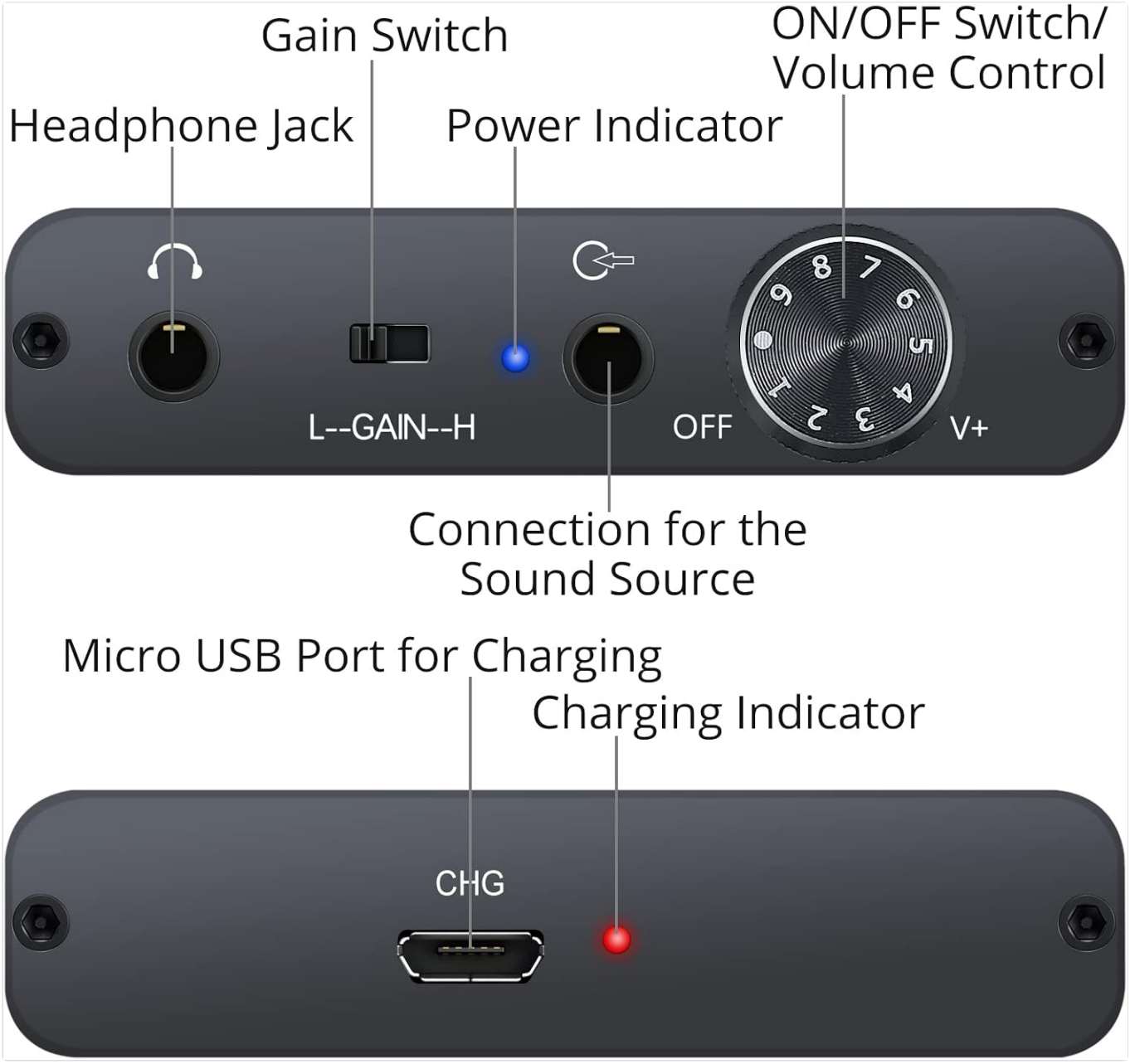


Image 3.1: The Micro USB charging port and charging indicator on the PROZOR Headphone Amplifier.

3.2 Wired Audio Connection

Connect your audio source and headphones using the 3.5mm audio cables.

1. Connect one end of the 3.5mm audio cable to the "Connection for the Sound Source" input on the amplifier.
2. Connect the other end of the 3.5mm audio cable to the audio output of your device (e.g., smartphone, MP3 player, computer).
3. Plug your headphones into the "Headphone Jack" on the amplifier.
4. Turn on the amplifier by rotating the ON/OFF Switch/Volume Control knob clockwise.



Image 3.2: Diagram illustrating wired connections for the PROZOR Headphone Amplifier with various devices and headphones/speakers.

3.3 Bluetooth Audio Connection

Pair your Bluetooth-enabled device with the amplifier for wireless audio streaming.

1. Ensure the amplifier is powered on. The Power Indicator LED will be blue.
2. On your Bluetooth-enabled device (e.g., smartphone), go to the Bluetooth settings.
3. Search for available devices and select "PROZOR DAC137" (or similar name) from the list.
4. Once paired, the Power Indicator LED on the amplifier may change its blinking pattern or remain solid blue, depending on the model.
5. Plug your headphones into the "Headphone Jack" on the amplifier.



Image 3.3: The PROZOR Headphone Amplifier connected wirelessly via Bluetooth to a smartphone, with headphones plugged in.

4. Operating Instructions

4.1 Power On/Off and Volume Control

The ON/OFF Switch/Volume Control knob manages both power and audio output level.

- To power on, rotate the knob clockwise until you hear a click and the Power Indicator LED illuminates.
- Continue rotating clockwise to increase the volume.
- Rotate counter-clockwise to decrease the volume.
- To power off, rotate the knob counter-clockwise until you hear a click and the Power Indicator LED turns off.



Image 4.1: The ON/OFF Switch/Volume Control knob on the PROZOR Headphone Amplifier.

4.2 Gain Switch (L-GAIN-H)

The two-stage gain switch allows you to optimize the amplifier's output for different headphones and listening preferences.

- **Low (L) Gain:** Suitable for sensitive headphones or when a lower output volume is desired.
- **High (H) Gain:** Provides increased amplification for high-impedance headphones or when a louder output is needed.

Recommendation: Start with the Low gain setting and switch to High gain if your headphones require more power or if you desire a louder sound.



Image 4.2: Close-up of the two-stage gain switch (L-GAIN-H) on the PROZOR Headphone Amplifier.

5. Technical Specifications

Feature	Specification
Brand	PROZOR
Model Number	Headphones Amplifier (DAC137)
Bluetooth Version	5.0
Input Interface	3.5mm Audio Jack, Bluetooth
Output Interface	3.5mm Headphone Jack
Battery Capacity	1500mAh Rechargeable Lithium Battery
Working Time	> 8 Hours

Feature	Specification
Item Weight	5.9 ounces (approx. 167g)
Package Dimensions	7.56 x 4.84 x 0.79 inches
Impedance Support	16-150Ω (as per image PT01)
SNR	>100dB (as per image PT01)
THD+N	0.0003% (as per image PT01)



Image 5.1: Dimensions of the PROZOR Headphone Amplifier.

6. Troubleshooting

- **No Sound:**
  - Ensure the amplifier is powered on and the volume is turned up.
  - Check all cable connections (3.5mm audio cables, headphones).
  - If using Bluetooth, ensure the device is properly paired and connected.
  - Verify the audio source is playing and its volume is not muted or too low.

- Try switching the gain setting (L/H).

- **Distorted Sound:**
  - Reduce the volume on both the amplifier and the audio source.
  - Ensure the gain setting is appropriate for your headphones (try Low gain first).
  - Check if the audio cables are fully inserted and not damaged.
  - Test with a different audio source or headphones to isolate the issue.
- **Bluetooth Disconnection:**
  - Ensure the amplifier is within the effective range of your Bluetooth device.
  - Check for interference from other wireless devices.
  - Try unpairing and re-pairing the amplifier with your device.
  - Ensure the amplifier's battery is sufficiently charged.
- **Device Not Charging:**
  - Verify the USB cable is securely connected to both the amplifier and the power source.
  - Try a different USB cable or power adapter.
  - Ensure the power source is functional.

7. Product Video

Watch the official product video for a visual guide on the PROZOR HiFi Portable Bluetooth 5.0 Headphone Amplifier's features and usage.

Your browser does not support the video tag.

Video 7.1: Official PROZOR product video demonstrating the features and connectivity of the HiFi Headphones Amplifier with Bluetooth.

8. Warranty and Support

PROZOR products are designed and manufactured to the highest quality standards. For warranty information, technical support, or any inquiries regarding your product, please refer to the contact information provided in your product packaging or visit the official PROZOR website.
Please retain your proof of purchase for warranty claims.

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