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› [PROZOR](#) /

› PROZOR PRR113 Portable Headphone Amplifier User Manual

PROZOR PRR113

PROZOR PRR113 Portable Headphone Amplifier User Manual

Model: PRR113

INTRODUCTION

Thank you for purchasing the PROZOR PRR113 Portable Headphone Amplifier. This device is designed to enhance the audio output for your headphones, providing a clearer, more dynamic, and louder listening experience. Please read this manual carefully before using the product to ensure proper operation and to maximize its performance and longevity.

PRODUCT OVERVIEW

Key Features

- **Headphone Impedance Support:** Drives headphones with impedance ranging from 16Ω to 300Ω .
- **High Fidelity Audio:** Features $\geq 120\text{dB}$ Signal-to-Noise Ratio (SNR) and 0.005% Total Harmonic Distortion + Noise (THD+N) for reduced background noise and enhanced audio clarity.
- **Two-Stage Gain Switch:** Offers 'Low' (L) and 'High' (H) gain settings to match various headphone sensitivities and audio sources.
- **Rechargeable Battery:** Built-in 1500mAh lithium battery provides approximately 8-10 hours of continuous use.
- **Type-C Charging:** Convenient and reversible Type-C port for charging.
- **Durable Construction:** Aluminum alloy housing provides shielding against signal interference and improves heat resistance.
- **Wide Compatibility:** Connects to MP3 players, smartphones, laptops, and other devices with a 3.5mm audio output.

Package Contents

Verify that all items are present in your package:

- 1 x PROZOR PRR113 Headphone Amplifier
- 1 x USB Power Cable (USB-A to USB-C)
- 1 x 3.5mm Audio Cable
- 1 x User Manual

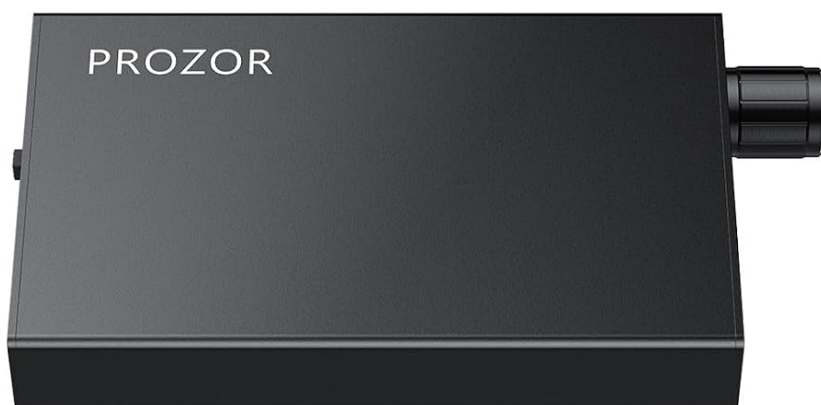


Image: Contents of the PROZOR PRR113 package, including the amplifier, USB-C charging cable, 3.5mm audio cable, and user manual.

Component Identification

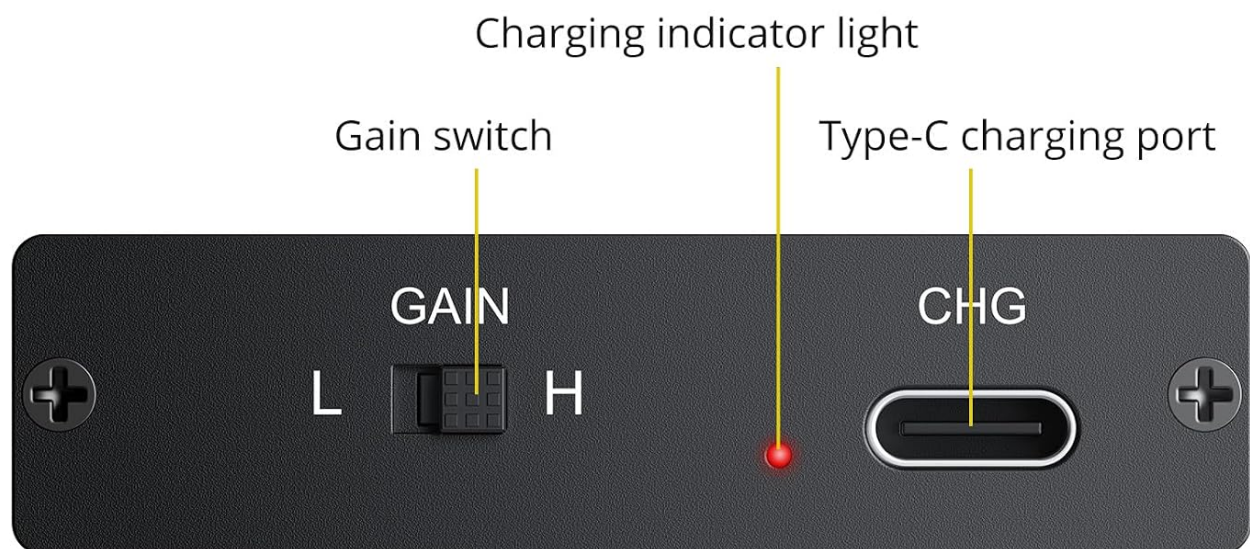


Image: Detailed view of the PROZOR PRR113 amplifier's top and front panels, showing the Gain switch (L/H), Charging indicator light, Type-C charging port, 3.5mm input jack, 3.5mm output jack, Power indicator light (PWR), and Volume knob.

1. **Gain Switch (L/H):** Selects low or high gain mode.
2. **Charging Indicator Light:** Illuminates during charging.
3. **Type-C Charging Port:** For connecting the USB charging cable.
4. **3.5mm Input Jack:** Connects to your audio source (e.g., phone, MP3 player, computer).
5. **3.5mm Output Jack:** Connects to your headphones.
6. **Power Indicator Light (PWR):** Illuminates when the device is powered on.
7. **Volume Knob:** Adjusts the audio output level.

SETUP

Follow these steps to set up your PROZOR PRR113 Headphone Amplifier:

1. **Charge the Amplifier:** Before first use, fully charge the amplifier using the provided USB-C cable and a standard USB power adapter (not included). The charging indicator light will illuminate during charging and turn off when fully

charged.

2. **Connect to Audio Source:** Use the included 3.5mm audio cable to connect the 3.5mm input jack on the amplifier to the headphone output or line-out jack of your audio source (e.g., smartphone, MP3 player, laptop).
3. **Connect Headphones:** Plug your headphones into the 3.5mm output jack on the amplifier.
4. **Power On:** Rotate the volume knob clockwise until you hear a click and the Power indicator light (PWR) illuminates.
5. **Select Gain:** Choose the appropriate gain setting (L for Low, H for High) using the gain switch. Start with 'L' for most headphones and switch to 'H' if more volume or power is needed for high-impedance headphones.



Compact and portable, universally compatible

Compatible with various digital devices such as MP3 players, mobile phones, and computers



Image: A diagram illustrating the connection flow: an audio source (MP3 player, mobile phone, or computer) connects to the PROZOR amplifier, which then connects to headphones.

OPERATING INSTRUCTIONS

1. **Adjust Volume:** Slowly rotate the volume knob clockwise to increase the volume to your desired listening level. Rotate counter-clockwise to decrease.

2. Gain Selection:

- **Low Gain (L):** Recommended for sensitive headphones or when the audio source already provides a strong signal. This setting helps prevent distortion and preserves battery life.
- **High Gain (H):** Use for high-impedance headphones (e.g., 100Ω-300Ω) or when the audio source's output is low, requiring more power to drive your headphones effectively.

3. **Power Off:** When finished, rotate the volume knob counter-clockwise until you hear a click and the Power indicator light turns off. This conserves battery life.



Image: A user enjoying audio with the PROZOR amplifier connected to a laptop and headphones, demonstrating typical usage.

CHARGING

The PROZOR PRR113 features a built-in rechargeable lithium battery.

- Connect the provided USB-C cable to the Type-C charging port on the amplifier and the other end to a USB power source (e.g., computer USB port, wall adapter).
- The charging indicator light will illuminate red during charging.
- Once fully charged, the charging indicator light will turn off.
- A full charge typically provides 8-10 hours of continuous playback, depending on volume level and gain setting.



Image: A user listening to music outdoors with the PROZOR amplifier connected to a smartphone and headphones, highlighting its portability and battery life.

MAINTENANCE

- Keep the device dry. Avoid exposure to moisture or liquids.
- Clean the device with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.
- Store the amplifier in a cool, dry place when not in use.
- Avoid dropping or subjecting the device to strong impacts.
- Do not attempt to disassemble or repair the unit yourself. Refer to qualified service personnel.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound or low volume	Amplifier not powered on. Volume knob set too low. Gain switch set incorrectly. Audio cables not connected properly. Audio source volume too low. Battery is low.	Ensure the amplifier is powered on (PWR light illuminated). Increase the volume using the volume knob. Try switching the gain to 'H' (High). Check all 3.5mm cable connections. Increase the volume on your audio source device. Charge the amplifier.
Distorted sound	Volume set too high on amplifier or source. Gain switch set too high for sensitive headphones. Poor quality audio cable.	Reduce volume on both the amplifier and the audio source. Switch the gain to 'L' (Low). Try a different 3.5mm audio cable.
Amplifier not charging	USB-C cable not connected properly. Faulty USB power source or cable.	Ensure the USB-C cable is securely connected to both the amplifier and the power source. Try a different USB power source or cable.

SPECIFICATIONS

Model	PRR113
Brand	PROZOR
Headphone Impedance Range	16Ω - 300Ω
Signal-to-Noise Ratio (SNR)	≥120dB
Total Harmonic Distortion + Noise (THD+N)	0.005%
Gain Switch	Two-stage (L/H)
Input/Output	3.5mm AUX
Battery Capacity	1500mAh Lithium Battery
Battery Life	Approx. 8-10 hours (continuous use)

Charging Port	Type-C
Housing Material	Aluminum Alloy

WARRANTY AND SUPPORT

The PROZOR PRR113 Headphone Amplifier comes with an **18-month warranty** from the date of purchase.

This warranty covers manufacturing defects and workmanship. It does not cover damage caused by misuse, accident, unauthorized modification, or normal wear and tear.

For technical support, warranty claims, or any questions regarding your product, please contact PROZOR customer service through the retailer where you purchased the product or visit the official PROZOR website for contact information. Please retain your proof of purchase for warranty service.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

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.

Submit question

Open the live page

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