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Hidizs DH1000

HIDIZS DH1000 Headphone Amplifier User Manual

Model: DH1000

Brand: Hidizs

1. INTRODUCTION

This manual provides comprehensive instructions for the safe and effective operation of your HIDIZS DH1000 Portable Hi-Res DAC/Headphone Amplifier. The DH1000 is designed to enhance your audio experience with its dual balanced amplifier architecture, supporting a wide range of Hi-Res audio formats and driving various headphone impedances. Please read this manual thoroughly before initial use and retain it for future reference.



Image: Three HIDIzs DH1000 units in grey and black, highlighting the compact and premium build quality of the portable amplifier.

2. PACKAGE CONTENTS

Please verify that all items are present in the package:

- HIDIzs DH1000 Portable Hi-Res DAC/Headphone Amplifier Unit
- USB Charging/Data Cable
- User Manual (this document)

3. PRODUCT OVERVIEW

Familiarize yourself with the various components and ports of your DH1000 unit:



Image: A detailed view of the HIDIZS DH1000's input/output panel, featuring the 3.5mm unbalanced headphone jack, 2.5mm balanced headphone jack, and the power/control button.

Key Components:

- **2.5mm Balanced Headphone Jack:** For connecting headphones with a 2.5mm balanced plug.
- **3.5mm Unbalanced Headphone Jack:** For connecting headphones with a standard 3.5mm unbalanced plug.
- **Power Button:** Used to power the device on/off and potentially for other control functions.
- **USB-C Port:** For charging the device and connecting to audio source devices (e.g., smartphone, PC).
- **Volume Controls:** (Location may vary, typically on the side) For adjusting audio output volume.

4. SETUP

4.1 Charging the Device

The DH1000 is equipped with an internal rechargeable battery. Before first use, it is recommended to fully charge the device.

1. Connect one end of the provided USB cable to the USB-C port on the DH1000.
2. Connect the other end of the USB cable to a compatible USB power adapter (e.g., smartphone charger, computer USB port).
3. The charging indicator (if present) will illuminate or change color to indicate charging status. Once fully charged, the indicator may turn off or change color again.

4.2 Connecting to an Audio Source

The DH1000 can be connected to various audio source devices such as smartphones, tablets, computers (PC/Mac), and digital audio players (DAPs).



Image: The HIDIZS DH1000 amplifier connected to a smartphone, demonstrating its portable use case for enhanced audio playback.

1. Ensure the DH1000 is sufficiently charged.
2. Using a compatible USB cable (often the same one used for charging), connect the DH1000's USB-C port to the USB port of your audio source device.
3. Your audio source device may automatically recognize the DH1000 as an external audio device. If not, you may need to select it manually in your device's audio settings.

4.3 Connecting Headphones

Connect your headphones to the appropriate jack on the DH1000.

- For standard headphones, use the **3.5mm Unbalanced Headphone Jack**.
- For headphones with a 2.5mm balanced cable, use the **2.5mm Balanced Headphone Jack** for optimal performance and stereo separation.

5. OPERATING INSTRUCTIONS

5.1 Powering On/Off

To power on the DH1000, press and hold the Power Button until the indicator light illuminates. To power off, press and hold the Power Button again until the indicator light turns off.

5.2 Volume Adjustment

Adjust the audio output volume using the dedicated volume controls on the DH1000. Start with a low volume level and

gradually increase it to a comfortable listening level to prevent hearing damage.

5.3 Audio Playback

Once connected and powered on, the DH1000 will process the audio signal from your source device. Ensure your audio source is playing Hi-Res audio files for optimal performance. The DH1000 supports a wide array of high-resolution audio formats, including:

- FLAC
- APE
- WAV
- ALAC (Apple Lossless Audio Codec)
- DSF
- DS DIFF
- PCM up to 24-Bit/192kHz
- Native DSD64/128

The DH1000 is capable of driving headphones with impedance ranging from 8 to 600Ω, providing ample power for a variety of headphone types.



Image: The HIDIZS DH1000 positioned alongside a pair of high-end over-ear headphones, illustrating its role in a premium audio setup.

6. MAINTENANCE

To ensure the longevity and optimal performance of your HIDIZS DH1000, please follow these maintenance guidelines:

- Cleaning:** Use a soft, dry, lint-free cloth to clean the exterior of the device. Avoid using abrasive cleaners, solvents, or strong chemicals, as they may damage the finish.
- Storage:** When not in use for extended periods, store the device in a cool, dry place, away from direct sunlight and extreme temperatures.
- Handling:** Handle the device with care. Avoid dropping it or subjecting it to strong impacts, which can damage internal components.
- Moisture:** Keep the device away from water and other liquids. Do not operate it in humid environments.
- Disassembly:** Do not attempt to disassemble, modify, or repair the device yourself. This will void the warranty and may cause damage or injury. Contact authorized service personnel for any repairs.

7. TROUBLESHOOTING

If you encounter issues with your DH1000, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Device does not power on.	Low battery.	Charge the device fully using the provided USB cable.
No sound output.	Incorrect connection; Volume too low; Source device not playing.	Ensure all cables are securely connected. Increase volume on both DH1000 and source device. Verify audio playback on the source device.
Poor sound quality (distortion, static).	Damaged cable; Incorrect audio settings; Low-quality audio file.	Try a different USB or headphone cable. Check audio settings on your source device. Use high-quality audio files.
Device not recognized by computer.	Driver issue; Faulty USB port/cable.	Try a different USB port or cable. Restart your computer. Check Hidizs website for any necessary drivers.

If the problem persists after trying these solutions, please contact Hidizs customer support for further assistance.

8. SPECIFICATIONS

Detailed technical specifications for the HIDIZS DH1000:

Feature	Specification
Model Name	HIDIZS DH1000
Model Number	DH100GR01
Dimensions (L x W x H)	12 x 6.7 x 1.5 cm
Item Weight	185.97 g (6.56 Ounces)
Material	Aluminum
Connectivity Technology	Wired (USB)
Headphone Jacks	2.5 mm Balanced Jack, 3.5 mm Unbalanced Jack
Frequency Response	0Hz ~ 50 KHz
Stereo Separation	120dB
Signal-to-Noise Ratio (SNR)	122 dB
Supported Headphone Impedance	8 to 600Ω

Feature	Specification
Supported Audio Formats	FLAC, APE, WAV, ALAC, APPLE LOSSLESS, DSF, DSDIFF, PCM 24-Bit/192kHz, native DSD64/128
Power Source	Battery (1 Lithium Ion battery required)
Special Features	Lightweight, Dual Balanced Amplifier
Compatibility	iPhone, Android Phones, iPad, PC, MAC, most DAPs

9. WARRANTY AND SUPPORT

Warranty information for the HIDIZS DH1000 is typically provided at the point of purchase or on the official Hidizs website. Please refer to your purchase documentation or visit the Hidizs official website for detailed warranty terms and support contact information.

For technical support, troubleshooting beyond this manual, or service inquiries, please contact Hidizs customer service through their official channels.