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Fosi Audio MD3

Fosi Audio MD3 Portable HiFi Headphone Amp DAC User Manual

Model: MD3

Introduction

The Fosi Audio MD3 is a compact and portable HiFi Headphone Amplifier and Digital-to-Analog Converter (DAC) designed to enhance your audio experience. Featuring a high-performance ESS ES9039Q2M DAC chip and four ES9603Q amplifier chips, it delivers exceptional sound quality with low distortion. Its magnetic design allows for convenient attachment to your phone, and dual USB-C ports support simultaneous charging and audio playback. The MD3 also includes an interactive LCD display for volume control and customizable features.

What's in the Box

Please check the package contents to ensure all items are present:

- Fosi Audio MD3 Unit
- USB-C to USB-C Cable
- L-shaped USB-C to USB-C Cable
- USB-C to USB-A Adapter
- User Manual



Image: All items included in the Fosi Audio MD3 package.

Product Overview

Key Features

- **High-Performance Audio:** Equipped with ESS ES9039Q2M DAC and four ES9603Q amplifier chips for superior sound.
- **Magnetic Attachment:** N52 high-strength magnetic leather back panel for secure attachment to compatible devices.
- **Compact Design:** Weighs 50g and is 12mm thick, making it highly portable.
- **Dual USB-C Ports:** Supports simultaneous charging and audio playback.
- **Versatile Outputs:** 3.5mm single-end and 4.4mm balanced outputs.
- **Interactive LCD Display:** 1.28-inch circular screen for volume, playback status, and customizable images/games.
- **Wide Compatibility:** Supports UAC 2.0 (high-res audio) and UAC 1.0 (PS5/Switch), compatible with iPhone 15, Android, iPad, Mac, and Windows PCs.

Component Identification

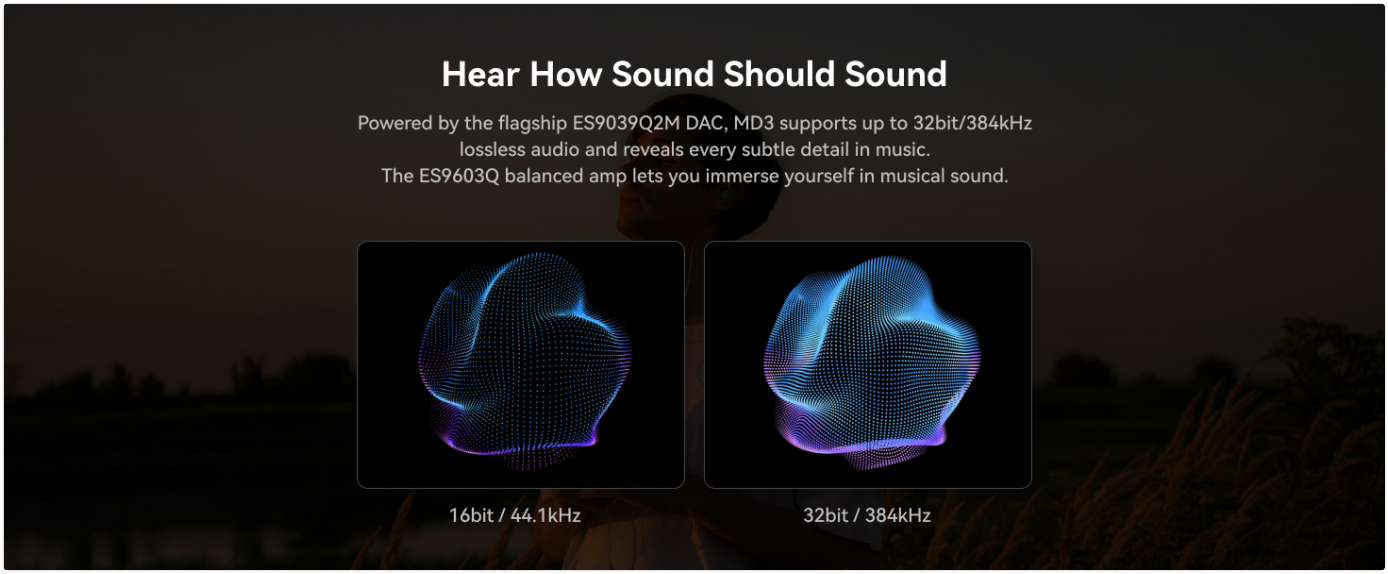


Image: Front view of the MD3, highlighting the LCD Display and Vista Button.

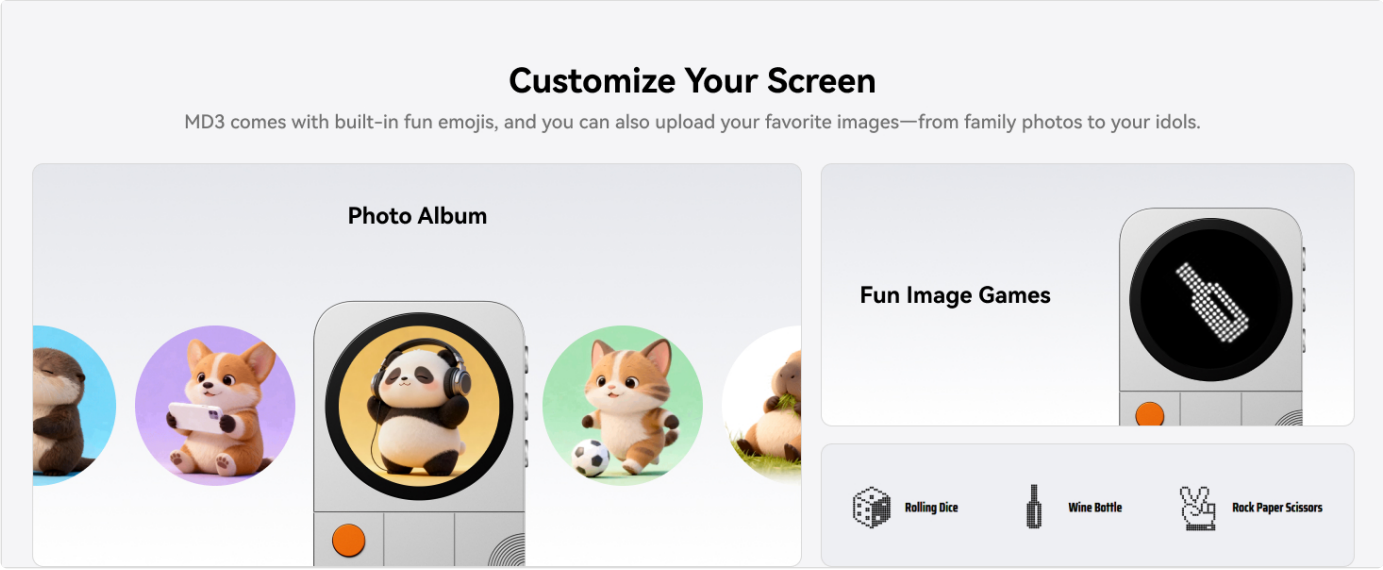


Image: Side view of the MD3, indicating the Volume Up/Menu Up, Volume Down/Menu Down, and Menu/Confirm buttons.

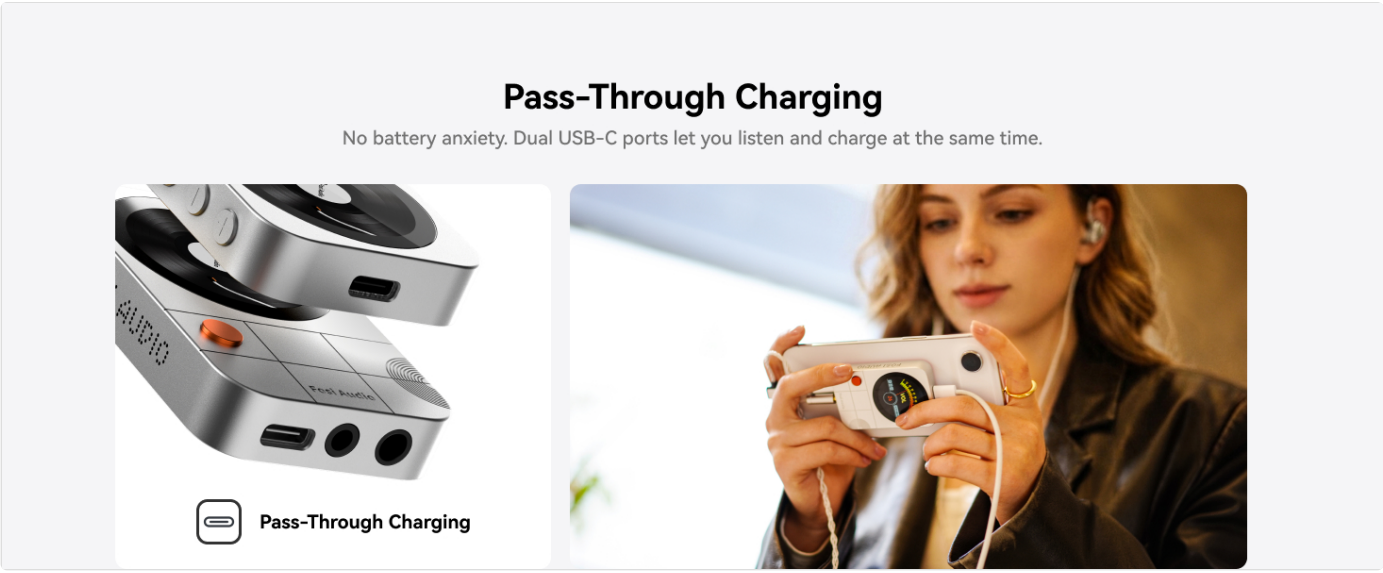


Image: Top and bottom views of the MD3, showing the Top USB-C port, Bottom USB-C port, 3.5mm Headphone Jack, and 4.4mm Headphone Jack.

Setup

1. **Connect to Source Device:** Use the provided USB-C to USB-C cable or USB-C to USB-A adapter to connect the MD3 to your smartphone, tablet, computer, or gaming console (PS5/Switch). Ensure the connection is secure.
2. **Attach to Phone (Optional):** For magnetic convenience, align the MD3 with the magnetic area on your compatible phone. The N52 high-strength magnet will secure it in place.
3. **Connect Headphones:** Plug your headphones into either the 3.5mm single-ended jack or the 4.4mm balanced jack on the bottom of the MD3.
4. **Power On:** The MD3 will typically power on automatically when connected to a powered USB source.
5. **Initial Volume Adjustment:** Before playing audio, adjust the volume to a low level using the side buttons to prevent sudden loud sounds.

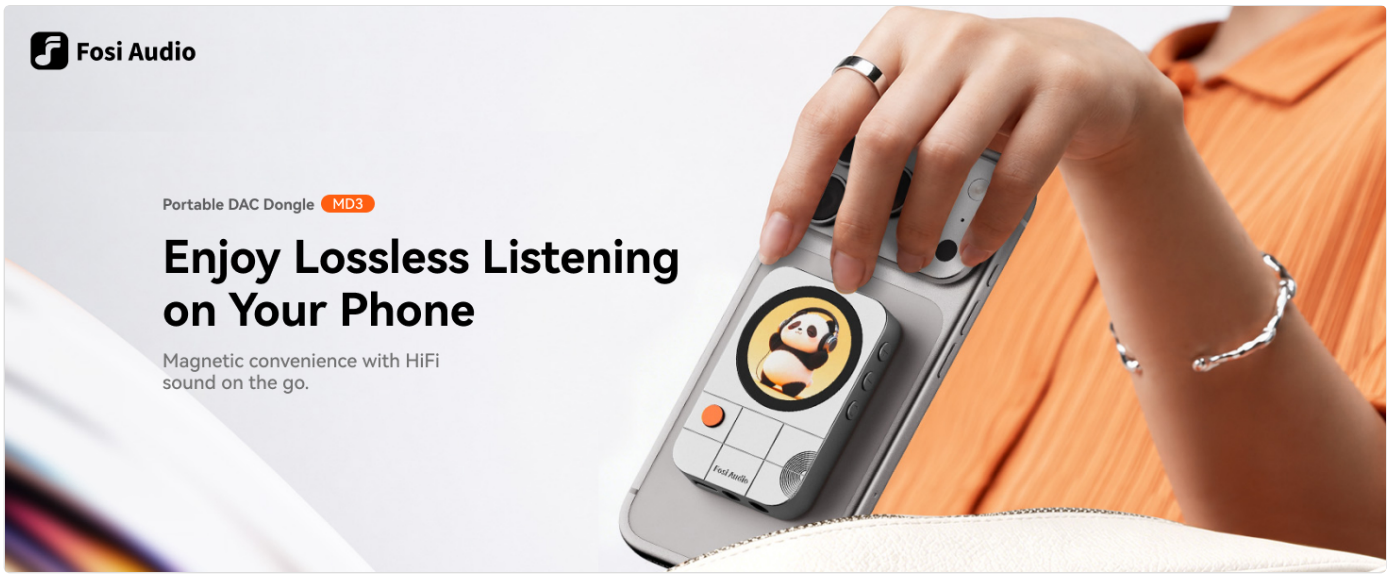


Image: The Fosi Audio MD3 magnetically attaching to a smartphone for convenient use.

Operating Instructions

Basic Operation

- **Volume Control:** Use the '+' and '-' buttons on the side of the MD3 to adjust the volume. The 1.28-inch circular screen will display the current volume level.
- **Menu Navigation:** Press the 'Menu/Confirm' button (bottom side button) to access the device menu. Use the '+' and '-' buttons to navigate through menu options. Press 'Menu/Confirm' again to select an option.
- **Screen Display:** The LCD screen shows playback status, volume, and other interactive features.
- **Charging:** The MD3 supports pass-through charging. Connect a power source to the top USB-C port to charge your connected device while listening to audio through the MD3.

Interactive Features

The MD3's 1.28-inch circular screen supports various interactive features:

- **Digital Album:** Upload custom images to personalize your screen.
- **Games and Animations:** Enjoy built-in games and animated images on the display.



Image: The MD3's customizable screen displaying various animated images.

Instructional Video

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Video: Fosi Audio MD3 Mini Amplifier Operating Instructions. This video demonstrates how to operate the MD3, including button functions and screen navigation.

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Video: Fosi Audio MD3 Headphone DAC Amp Display. This video provides a closer look at the MD3's display features and functionality.

Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the MD3. Avoid using harsh chemicals or abrasive materials.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Handle the MD3 with care to prevent drops or impacts that could damage internal components or the screen.

Troubleshooting

Problem	Possible Cause	Solution
No Sound	Loose connection, incorrect input/output selection, low volume, incompatible device.	Ensure all cables are securely connected. Check the volume level on both the MD3 and your source device. Verify your source device is outputting audio to the MD3. Ensure headphones are fully plugged in.
Device Not Recognized	Driver issue (for PC), incompatible USB mode, faulty cable.	For Windows PCs, ensure necessary drivers are installed (usually plug-and-play for UAC 2.0). Try a different USB cable. Check if the MD3 is set to the correct UAC mode (UAC 2.0 for high-res, UAC 1.0 for consoles).
Distorted Audio	Volume too high, incompatible headphone impedance, faulty audio file.	Reduce volume on both the MD3 and source. Ensure your headphones are within the supported impedance range (16 to 300 Ω). Try a different audio source or file.
Screen Not Responding	Temporary software glitch.	Disconnect and reconnect the MD3 to restart it.

Specifications

Feature	Detail
DAC Chip	ESS ES9039Q2M
Amplifier Chips	4x ES9603Q
THD+N	0.00075%
Frequency Response	20 Hz to 48 kHz
Headphone Impedance	16 to 300 Ω
Output Power (3.5mm)	80mW @32Ω
Output Power (4.4mm)	180mW @32Ω
Dimensions	4.49 x 3.03 x 1.65 inches
Item Weight	5.6 ounces (approx. 159g)
Display	1.28-inch Circular LCD
USB Compatibility	UAC 2.0 (High-Res Audio), UAC 1.0 (PS5/Switch)

Warranty and Support

Fosi Audio offers a 365-day exchange policy for products. If you encounter any issues such as overheating, no sound, overloading, short circuit, or power failure, please contact Fosi Audio customer support for assistance.
For further support, please visit the official Fosi Audio website or contact their customer service team through the platform where you purchased the product.

- **Online Support:** Fosi Audio Store on Amazon
- **Warranty Claims:** Refer to your purchase documentation for specific warranty terms and contact information.

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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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