

MD3 MagDac

Portable Magnetic DAC / Headphone Amp

Moments Away, Fully Enjoyed



01\ Why We Built MD3?

Traditional dongle DAC/amps often feel awkward to use—hanging from the phone, pulling on cables, and falling short on true portability. Some units add a screen, but it's usually limited to basic information like volume, with little presence or purpose.

We wanted to break away from this pattern.

MD3 features a strong magnetic backplate that securely attaches to your phone, while its lightweight, compact design makes it effortless to carry wherever you go.

We also adopted a circular display not just to show essential audio information, but to make interaction feel alive. Paired with the Vista Button, it lets you browse a photo album and upload images you love.

MD3 represents our pursuit of balance in sound, design, and interaction. We hope MD3 becomes a companion you'll want to take with you wherever you go.

02\ Curated Audio Chipset

In pursuit of ultimate resolution and listening excellence, our acoustic team conducted extensive comparisons and listening tests across mainstream chip solutions, including RT6863 and SGM8262. Rather than following the conventional path of maximizing raw power at the expense of sound quality, we chose the higher-cost yet sonically superior ESS flagship solution.

The ES9039Q2M flagship DAC chip delivers exceptional resolution, while its low power consumption makes MD3 an ideal audio companion for mobile devices.

A balanced amplifier circuit with four ES9603Q op-amps drives headphones with excellent separation, delivering a richly musical, fatigue-free sound.



03\ Resolution Meets Musicality



Rich in Detail

Faithfully tuned to honor artistic intent and reveal the finest nuances, MD3 supports PCM 32bit/384kHz and native DSD256, with THD+N down to 0.00075% for detailed, lossless listening.



Clean Background

MD3 keeps music free from unwanted noise. Thanks to its aluminum alloy construction and well-engineered circuitry, the noise floor is reduced to 1.7 μ V, with a signal-to-noise ratio of up to 116dB.



Musical Tuning

Based on ensuring accurate reproduction, the MD3's sound tuning is more natural and enduring. It adds a slightly warm tone, making it more suitable for all-day listening.

04\ Photo Album

MD3 comes with built-in funny animated images and emojis. You can also turn the outer display into your canvas with DIY wallpapers, from family photos to images of your favorite artists.。



05\ Your Phone's Little Backpack

Sixteen N52 high-strength magnets keep MD3 firmly attached to your iPhone. Say goodbye to straps, bulk, and clunky distractions. An aluminum alloy isolation plate separates the PCB from the magnets, so you don't have to worry about magnetic interference affecting sound quality.



06\ Precision in Every Detail

■ Magnetic Backplate



Premium leather back, gentle on your phone and comfortable in hand.

■ LCD Display



1.28-inch fully laminated circular display with screen rotation, brightness adjustment, and auto screen-off.

■ 5-Axis CNC Fine Machining



Vinyl-inspired front texture blends retro and modern design; CNC dot-matrix engraving on the side allows the logo to appear naturally.

■ Refined Aluminum Unibody



Finished with 220-grit zirconium sandblasting for a solid, refined feel that resists fingerprints. And Apple-inspired corner radii with seamless transitions create a clean, natural look.

07\ Thoughtful Design

■ Ultra-Portable

Lightweight at only 50 g, it is designed to go anywhere without holding you back.

■ 0.47inch Optimized Thickness

Balanced slimness and usability: This thickness prevents bulky headphone plugs from lifting the MD3 slightly off the phone, ensuring magnetic attachment .

■ 100-Step Volume Control

One step too loud, one step too quiet? MD3 delivers finer volume control to find your perfect comfort zone.

■ Volume Memory

Set the volume once. MD3 automatically remembers it for you.



08\ Two Bold Finishes



Galaxy



Obsidian

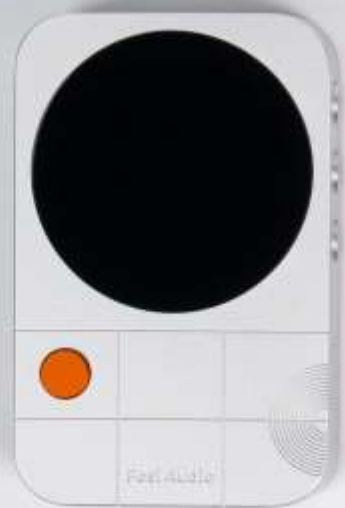
09\ Using While Charging



10\ Specifications

Chipset	DAC: ESS Sabre ES9039Q2M Amplifier Chips: ESS ES9603Q ×4
Input	USB-C(Top): Audio Decoding/Image Transfer/Charging
	USB-C(Bottom): Audio Decoding/Image Transfer/Firmware Upgrade
Output	3.5mm Single-Ended, 4.4mm Balanced
USB Audio Class	UAC 2.0, UAC 1.0
Max Sampling Rate	UAC 2.0: PCM 32bit/384kHz, DSD256(Native)
	UAC 1.0: PCM 16bit/48kHz
Max Output Power (1kHz, THD+N < 1%)	3.5mm: ≥75mWx2 @32Ω
	4.4mm: ≥180mWx2 @32Ω
Frequency Response	20Hz-48kHz(±0.2dB)
SNR	3.5mm: ≥115dB
	4.4mm: ≥116dB
Dynamic Range	3.5mm: ≥115dB
	4.4mm: ≥116dB
THD+N	3.5mm: ≤0.00075%
	4.4mm: ≤0.00084%
Noise Floor	3.5mm: < 1.7μV
	4.4mm: < 2.7μV
Headphone Impedance	16-300Ω
Weight(without cable)	50g(±2g)
Dimensions	70x45x12mm (2.76×1.77×0.47in)
MSRP	\$ 149











About Fosi Audio

Established in 2017, Fosi Audio has been committed to developing, manufacturing, and selling high-quality HiFi audio products. The brand name FOSI is shaped by four core principles:

- Foresight, thinking further ahead;
- Openness, embracing users' voices;
- Sincerity, serving you wholeheartedly;
- Innovation, upholding technical excellence. We've crafted a home and personal HiFi system—including home audio amplifiers, preamps, DACs, speakers, headphones, headphone DAC amps, etc. Fosi Audio has quickly become a rising star in the HiFi audio world, earning recognition from audiophiles globally, with a distribution network spanning over 100 countries and trusted by millions of music enthusiasts across the globe.

We believe every sound matters. With cutting-edge innovation, we make every note clear, real, and full of emotion, empowering you to “Hear the Unheard”. Driven by our mission to redefine HiFi with unmatched value, Fosi Audio continues to fuel its passion for the HiFi industry, ramp up R&D efforts, and co-create new HiFi equipment with users. We pledge to bring more amazing HiFi gear with cutting-edge technology, innovative design, and premium quality to audiophiles worldwide.

Official Website: www.fosiaudio.com

Official Forum: community.fosiaudio.com

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