

FiiO DM13

FiiO DM13 Portable Stereo CD Player User Manual

Model: DM13

1. INTRODUCTION

The FiiO DM13 is a multifunctional portable stereo CD player designed to deliver high-fidelity audio. It features a professional audio architecture with dual CS43198 DACs and dual SGM8262 headphone amplifiers, ensuring clear and precise sound reproduction. This compact device supports various output options, including 3.5mm, 4.4mm balanced, optical, and coaxial, allowing versatile connectivity to headphones, active speakers, or external amplifiers. Additionally, the DM13 offers convenient features such as USB ripping for digital archiving of your CDs and Bluetooth connectivity for wireless audio streaming.

2. PRODUCT OVERVIEW

Key Features

- **High-Fidelity Audio:** Dual CS43198 DACs and dual SGM8262 headphone amps for professional-grade sound.
- **Compact Design, Powerful Output:** Delivers up to 660mW balanced output power, capable of driving most earbuds and connecting to advanced audio systems.
- **USB Ripping:** Supports ripping CDs to WAV format on FAT32 formatted USB storage devices (32GB or lower recommended).
- **Multiple Audio Outputs:** Includes 3.5mm and 4.4mm headphone outputs, 3.5mm and 4.4mm line outputs, and optical/coaxial digital audio outputs.
- **Desktop Mode:** Allows direct power from a USB adapter without consuming battery, extending battery life.
- **Bluetooth Connectivity:** Features a Qualcomm Bluetooth platform with support for aptX, aptX Low Latency, aptX HD, and SBC codecs.
- **Long Battery Life:** Equipped with a 3750mAh pure cobalt lithium battery providing approximately 10 hours of continuous playback.
- **Clear LCD Display:** Custom high-contrast LCD shows volume, track number, and playback duration.

Product Components



The FiiO DM13 Portable Stereo CD Player in its closed state, showcasing its compact design.



CD not included in product

The FiiO DM13 CD Player with its lid open, ready for CD insertion or playback. Note: CD not included.

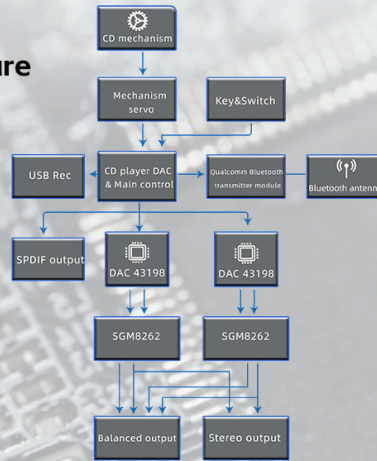


A close-up of the FiiO DM13's top panel, highlighting the playback control buttons and display.

Specially designed audio architecture

Two flagship Cirrus Logic CS43198 chips are paired with two low-noise HiFi SGM8262 headphone amps in the DM13's specially designed audio architecture. The combination of dual DACs and dual amplifiers allows the portable CD player to exhibit truly high-quality sound.

*Standard version cannot transmit Bluetooth.



This image displays the rear panel of the DM13, detailing the available connectivity options such as headphone outputs, line outputs, digital audio outputs, USB recording port, power input, and the D.MODE and ESP switches.



A clear view of the DM13's custom LCD display, providing essential information such as volume level, track number, and playback duration.

3. SETUP

3.1 Unpacking

Carefully remove all components from the packaging. Ensure all accessories, including the USB cable, are present.

3.2 Charging the Device

1. Connect the provided USB-C cable to the **POWER IN** port on the DM13.
2. Connect the other end of the USB-C cable to a compatible USB power adapter (not included) or a computer's USB port.
3. The device will begin charging. The display may indicate charging status.

3.3 Inserting a CD

1. Gently open the lid of the CD player.
2. Place a standard audio CD onto the spindle, ensuring it is centered and flat.
3. Close the lid firmly until it clicks into place.

3.4 Connecting Audio Outputs

- **Headphones:** Connect your headphones to either the 3.5mm or 4.4mm headphone output jack.

- **External Amplifier/Active Speakers:** Use the 3.5mm or 4.4mm line output jacks to connect to an external amplifier or active speakers.
- **External DAC:** For connection to an external high-end decoder, use the optical or coaxial digital audio outputs.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off

Press and hold the power button (usually located on the side or top panel) for a few seconds to turn the device on or off.

4.2 Basic Playback Controls

- **Play/Pause:** Press the Play/Pause button to start or temporarily stop playback.
- **Next/Previous Track:** Use the skip buttons to navigate to the next or previous track.
- **Fast Forward/Rewind:** Press and hold the skip buttons to fast forward or rewind within a track.
- **Volume Control:** Use the dedicated volume buttons to adjust the audio output level. The DM13 offers 99 levels of precise volume control.

A video tutorial explaining the basic functions of the control buttons on the FiiO DM13 Portable CD Player.

4.3 USB CD Ripping

The DM13 allows you to rip audio tracks from your CDs to a USB storage device.

1. Ensure a FAT32 formatted USB drive (32GB or lower recommended) is inserted into the **USB REC** port.
2. Insert the desired audio CD into the player.
3. Press the **USB REC** button. The display will show "REC XXXX" indicating the ripping process is active.
4. The ripped tracks will be saved as WAV files on your USB drive.



aptX High-Res Bluetooth Convenient wireless connections, which also sound great

Unlike the typical Bluetooth portable CD player, the DM13 features a Qualcomm Bluetooth platform that offers high-res Bluetooth audio with support for aptX, aptX Low Latency, aptX HD codecs as well as the standard SBC codec. This high-quality wireless transmission enhances the Bluetooth sound quality output from portable CDs.

*Standard version cannot transmit Bluetooth.

*Due to Bluetooth chipset and protocol compatibility limitations, some headphones/speakers only support SBC.

*Some car Bluetooth systems and specific headphone/speaker models may not be supported. We are actively working with relevant parties to improve compatibility. Thank you for your understanding.

The FiiO DM13 connected to a laptop, illustrating its USB CD ripping capability to transfer audio files to a storage device.

Official video guide on how to rip audio tracks from a CD to a USB drive using the FiiO DM13's USB ripping function.

4.4 Bluetooth Pairing

To connect your DM13 wirelessly to Bluetooth headphones or speakers:

1. Turn on your Bluetooth receiving device (headphones, speaker) and set it to pairing mode.
2. On the DM13, activate Bluetooth pairing mode (refer to the device's display or specific button for Bluetooth function).
3. Place both devices close together. They should automatically pair.
4. Once paired, the DM13 display will show the corresponding Bluetooth codec (e.g., aptX HD).

Official video guide demonstrating the steps to successfully pair Bluetooth devices with the FiiO DM13 Portable CD Player.

4.5 Desktop Mode (D.MODE)

To use the DM13 without consuming battery power:

1. Connect the DM13 to a USB power source using the USB-C cable.
2. Flip the **D.MODE** switch on the rear panel to the "ON" position.
3. The device will now be powered directly by the USB source, preserving the internal battery.



Long battery life
10 hours of playback from lithium batteries

3750mAh
Battery capacity

3.8V
Pure cobalt lithium battery

10 Hours
Continuous playback

*Data from FiiO labs. Actual results may vary due to usage conditions being different from those used in testing.

The FiiO DM13 operating in Desktop Mode, powered directly via USB with the D.MODE switch engaged, preserving battery life.

Video demonstrating how to activate and utilize the Desktop Mode and ESP switch on the FiiO DM13 for optimized power usage and audio settings.

4.6 ESP Switch

The ESP switch is designed for audiophiles, offering specific audio processing options. Refer to advanced user guides or FiiO's official resources for detailed information on its functionality.

5. MAINTENANCE

- **Cleaning:** Use a soft, dry, lint-free cloth to clean the device's exterior. Avoid using liquid cleaners or abrasive materials.
- **CD Handling:** Always handle CDs by their edges. Keep them free from dust, fingerprints, and scratches to ensure optimal playback and prevent damage to the player's laser lens.
- **Battery Care:** To prolong battery life, avoid exposing the device to extreme temperatures. Utilize the Desktop Mode (D.MODE) whenever possible when near a power source.
- **Storage:** When not in use for extended periods, store the DM13 in a cool, dry place.

6. TROUBLESHOOTING

- **Device Will Not Power On:**

- Ensure the battery is sufficiently charged.
 - If connected to a power source, verify the USB cable and adapter are functioning correctly.
 - If using Desktop Mode, ensure the D.MODE switch is in the "ON" position and external power is supplied.
- **CD Not Reading or Skipping:**
 - Check the CD for dirt, scratches, or damage. Clean the CD with a soft cloth if necessary.
 - Ensure the CD is properly seated on the spindle.
 - Try a different audio CD to rule out a disc-specific issue.
 - Note that some CD-R discs may have compatibility issues depending on their quality or burning method.
- **No Sound Output:**
 - Verify the volume level is not set to minimum or muted.
 - Ensure headphones or speakers are securely connected to the correct output port.
 - If using digital outputs, confirm the external DAC or receiver is correctly configured.
- **Bluetooth Pairing Issues:**
 - Ensure both the DM13 and the receiving Bluetooth device are in pairing mode.
 - Place the devices in close proximity during pairing.
 - Some Bluetooth headphones/speakers may only support the basic SBC codec, which can affect compatibility or sound quality with advanced codecs.
 - Certain car Bluetooth systems or specific headphone/speaker models may not be fully supported.

7. SPECIFICATIONS

Brand	FiiO
Model Name	DM13
Connectivity Technology	USB, Bluetooth
Special Features	USB Ripping, 4.4 Balanced Line Output, Desktop Mode
Number Of Discs	1
Supported Audio Format	CD-Audio, WAV (for ripped files), MP3 (playback compatibility not explicitly stated for MP3 CDs, but common for modern players)
Connector Types	3.5mm, 4.4mm, Optical, Coaxial
Number of Channels	2

Media Format Type	Audio CD
Compatible Devices	Headphones, Speakers, Amplifiers
Headphones Jack	3.5mm Jack, 4.4mm Jack
Battery Type	1 Lithium Ion battery (included)
Manufacturer	FiiO

8. WARRANTY INFORMATION

The FiiO DM13 Portable Stereo CD Player comes with a **1-year manufacturer's warranty**. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims. For specific terms and conditions, refer to the warranty card included with your product or visit the official FiiO website.

9. SUPPORT

For further assistance, technical support, or to access updated resources, please visit the official FiiO website:

www.fii.com

You may also contact FiiO customer service directly through their website for product inquiries or support requests.