

MECHEN M30

MECHEN HIFI MP3 Player M30 User Manual

Model: M30 | Brand: MECHEN

1. INTRODUCTION

This manual provides detailed instructions for the safe and efficient use of your MECHEN HIFI MP3 Player M30. Please read this manual thoroughly before operating the device and retain it for future reference.

The MECHEN M30 is a dedicated HIFI lossless audio player designed for high-fidelity sound reproduction. It features advanced DSD decoding technology and supports a wide range of audio formats. Please note that this device does not support Bluetooth, FM radio, recording, video playback, e-books, photos, or alarm functions.



Figure 1: MECHEN M30 HIFI MP3 Player Overview

2. PRODUCT FEATURES

- **High-Fidelity Audio:** Equipped with a high-quality DSP chip and advanced DSD decoding technology for immersive, low-distortion sound.
- **Expandable Storage:** Comes with a 64GB microSD card and supports expansion up to 256GB, allowing for extensive music libraries.
- **Durable Design & Intuitive Controls:** Constructed from a high-quality zinc alloy for durability. Features a unique scroll control wheel and simple physical buttons for easy navigation and operation.
- **Versatile Connectivity:** Includes a 3.5mm headphone jack and a line-out port, enabling connection to wired headphones, AUX speakers, and car audio systems.

- **Long Battery Life:** Built-in 1500mAh battery provides approximately 30 hours of music playback on a 2.5-hour full charge.
- **Wide Format Support:** Compatible with numerous audio formats including MP3, WMA, WAV/PCM, APE, FLAC, AAC, OGG, DSF, AIFF, ALAC, IMA/MS-ADPCM, DFF, and DSD 128. (Note: AAC files play in mono.)



Figure 2: High-Quality DSD and DAC Chips

3. SETUP

3.1. Package Contents

Verify that all items are present in the package:

- MECHEN HIFI MP3 Player M30
- 64GB MicroSD Memory Card
- USB Cable
- User Manual (this document)



Figure 3: Included Components

3.2. Charging the Device

1. Connect the provided USB cable to the player's charging port.
2. Connect the other end of the USB cable to a USB power adapter (not included) or a computer's USB port.
3. The battery indicator on the screen will show charging status. A full charge takes approximately 2.5 hours.

3.3. Inserting the MicroSD Card

1. Locate the microSD card slot on the side of the player.
2. Gently insert the provided 64GB microSD card (or another compatible card up to 256GB) into the slot until it clicks into place.
3. To remove, push the card inward until it clicks, then release, and it will eject.

3.4. Transferring Music Files

1. Connect the player to your computer using the USB cable.
2. The player will appear as a removable disk (or prompt you to select 'Mass Storage' mode).
3. Drag and drop your desired audio files into the appropriate folders on the microSD card. Organizing files into folders (e.g., by Artist, Album) is recommended for easier navigation.
4. Safely eject the player from your computer before disconnecting the USB cable.

4. OPERATING INSTRUCTIONS

4.1. Power On/Off

- **Power On:** Press and hold the Power button until the screen illuminates.
- **Power Off:** Press and hold the Power button until the device shuts down.

4.2. Navigation and Menu

- **Scroll Wheel:** Rotate the scroll wheel to navigate through menus and lists.
- **MENU Button:** Press to enter the main menu or confirm a selection.
- **BACK Button:** Press to return to the previous screen or cancel an action.
- **Playback Control Buttons:** Use the dedicated buttons for Play/Pause, Next Track, Previous Track.



Figure 4: Scroll Control Wheel

4.3. Music Playback

1. Navigate to the 'Music' section from the main menu.
2. Browse your music by folder, artist, album, or all songs.
3. Select a track and press the MENU button to start playback.
4. Use the Play/Pause button to control playback.
5. Press Next Track or Previous Track buttons to skip songs. Hold these buttons for fast forward or rewind.

4.4. Volume Control

Rotate the scroll wheel during music playback to adjust the volume level. It is recommended to set the initial maximum volume to a low level to prevent sudden loud sounds.

4.5. Equalizer Settings

The player features an equalizer with various presets (e.g., Rock, Pop, Jazz, Classical, Soft, Techno) and a custom setting. Access the equalizer settings from the playback screen or system settings to adjust the sound profile to your preference.

イコライザー機能搭載



七種類の音楽スタイルが調節でき

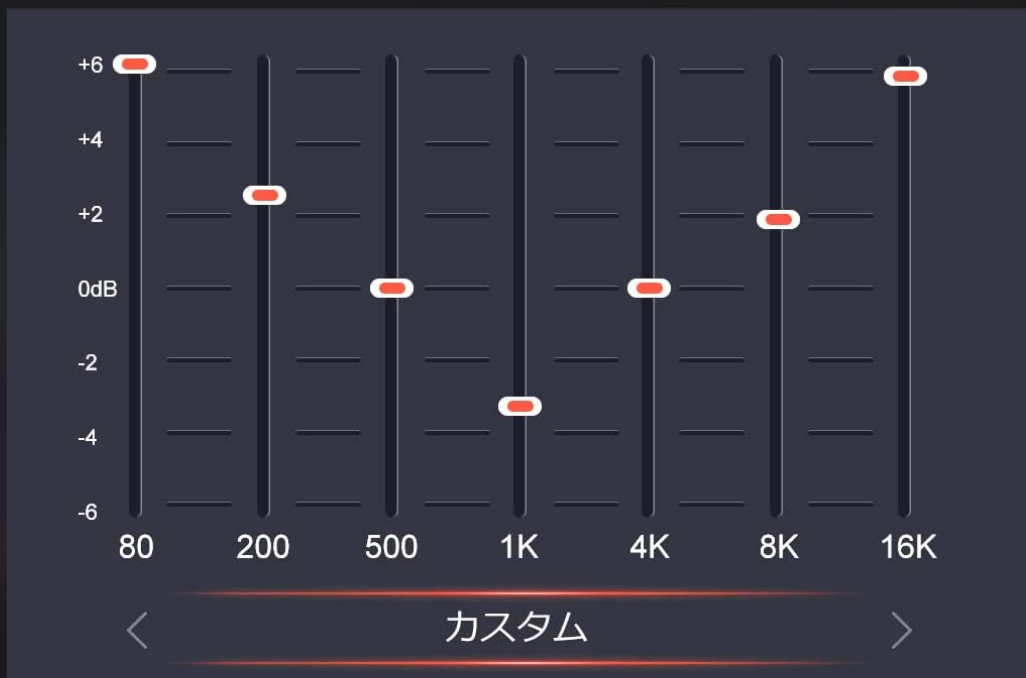


Figure 5: Equalizer Function

4.6. Repeat and Shuffle Modes

During playback, access the options menu to select repeat modes (e.g., repeat one, repeat all) or enable shuffle playback for a randomized song order.

4.7. Connecting to External Devices

The MECHEN M30 can connect to various audio output devices:

- **Wired Headphones:** Plug your 3.5mm headphones into the headphone jack.
- **External Speakers/Car Audio:** Use an AUX cable (not included) to connect the player's line-out port to your speakers or car's AUX input.

様々なデバイスに対応



有線イヤホンやスピーカーや車載スピーカー等、
様々なデバイスに接続できます。

本製品はBluetoothに対応しません。

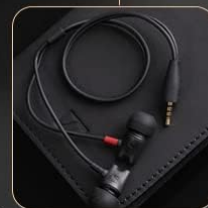


Figure 6: Connecting to Various Devices

5. MAINTENANCE

5.1. Cleaning

Wipe the device with a soft, dry cloth. Do not use liquid cleaners or abrasive materials, as they may damage the finish or internal components.

5.2. Battery Care

To prolong battery life, avoid fully discharging the battery frequently. Charge the device regularly, even if not in use for extended periods. Store the device in a cool, dry place.

長い再生時間

一回2時間半のフル充電で、最大30時間の音楽再生が可能です。

2.5h
フル充電

1500mAh
バッテリー内蔵

30h
音楽再生

Figure 7: Battery Information

5.3. Storage

When storing the player for a long time, ensure it is fully charged and then power it off completely. Recharge it every few months to prevent deep discharge.

6. TROUBLESHOOTING

- **Device will not power on:** Ensure the battery is charged. Connect the player to a power source using the USB cable and try again. If the issue persists, perform a reset by pressing the reset button (if available) or holding the power button for an extended period.
- **No sound:** Check the volume level. Ensure headphones or external speakers are properly connected. Test with different headphones or speakers if possible.

- **Music files not recognized:** Verify that the music files are in a supported format (refer to Specifications). Ensure the microSD card is properly inserted and the files are not corrupted. Re-transfer the files if necessary.
- **Screen is unresponsive or erratic:** Try restarting the device. If the problem continues, ensure the device is not exposed to extreme temperatures or moisture.
- **Album art or metadata not displayed:** Ensure that the metadata (ID3 tags) for your music files are correctly embedded. While the player supports folder-based navigation, correct tags enhance the browsing experience.
- **Playback stops unexpectedly:** Ensure the battery is sufficiently charged. If connected to a car audio system via USB, playback might pause when the engine is turned off or on due to changes in the USB host communication.

7. SPECIFICATIONS

Feature	Description
Model Name	M30
Brand	MECHEN
Display	2-inch LCD
Memory Storage	64GB MicroSD card included (expandable up to 256GB)
Connectivity	AUX (3.5mm headphone jack, Line Out)
Battery Capacity	1500 mAh
Battery Life	Approx. 30 hours playback
Charging Time	Approx. 2.5 hours
Product Dimensions (D x W x H)	1.6 x 5.6 x 8.8 cm
Product Weight	176 grams
Supported Audio Formats	MP3 (8-48KHz, 16bits), WMA (8-192KHz, 16/24bits), WAV/PCM (8-192KHz, 8/16/24/32bits), APE (8-192KHz, 16/24bits), FLAC (8-192KHz, 16/24bits), AAC (8-96KHz, 16bits - mono playback), OGG (8-48KHz, 10-500bits), DSF (2822.4KHz, 1bit), AIFF (8-192KHz, 8/16/24/32bits), ALAC (8-192KHz, 16/24bits), IMA/MS-ADPCM (8-48KHz, 8/16bits), DFF (3072KHz, 1bit), DSD 128 (5.6MHz)
Special Features	Equalizer, Shuffle Play, Hi-Res Audio, Repeat Play, Auto Power-Off
Country of Origin	China

Feature	Description
UPC	607469642453

対応するフォーマット

MP3 8-48KHz 16bits	AAC 8-96KHz 16bits	FLAC 8-192KHz 16,24bits	APE 8-192KHz 16,24bits
WAV/PCM 8-192KHz 8,16,24,32bits	WMA 8-192KHz 16,24bits	AIFF 8-192KHz 8,16,24,32bits	ALAC 8-192KHz 16,24bits
IMA/MS-ADPCM 8-48KHz 8,16bits	DSF 2822.4khz 1bit	DFF 3072KHz 1bit	OGG 8-48KHz 10-500bits



ご注意：AACファイルはステレオで再生しなく、モノラルで再生します。

Figure 8: Supported Audio Formats

8. WARRANTY AND SUPPORT

8.1. Manufacturer's Warranty

The MECHEN HI-FI MP3 Player M30 comes with a one-year manufacturer's warranty from the date of purchase. This warranty covers defects in materials and workmanship under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or normal wear and tear.

8.2. Customer Support

For technical assistance, warranty claims, or any questions regarding your MECHEN M30 player, please contact your retailer or the MECHEN customer support team. Refer to the contact information provided with your purchase documentation or visit the official MECHEN website for support details.