

SHANLING M5 Ultra

SHANLING M5 Ultra Hi-Res Audio Player Instruction Manual

INTRODUCTION

This manual provides detailed instructions for the SHANLING M5 Ultra Hi-Res Audio Player. Please read this manual thoroughly before using the device to ensure proper operation and to maximize your listening experience. Keep this manual for future reference.

PRODUCT OVERVIEW



Image: The SHANLING M5 Ultra Hi-Res Audio Player, showcasing its sleek design and display.

The SHANLING M5 Ultra is a premium portable digital audio player designed for high-fidelity sound reproduction. It features a dual DAC configuration (AK4191EQ + AK4499EX), an Ingenic X2000 Triple-Core Processor, and the MTouch 4.0 OS. The device supports native decoding of DSD512 and PCM 768kHz/32bit files, offers high output power, and includes versatile connectivity options such as Bluetooth 5.2, Wi-Fi (DLNA & AirPlay), and USB DAC functionality.

WHAT'S IN THE BOX

- 1X M5 Ultra Pure Music Player

KEY FEATURES

- **Flagship Audio Architecture:** Features a completely separate dual DAC configuration of AK4191EQ + AK4499EX for a pure, high-fidelity audio experience.
- **Powerful Processing:** Utilizes an Ingenic X2000 Triple-Core Processor, 3rd Generation FPGA, and upgraded KDS Femtosecond Crystal Oscillators for ultra-low jitter and precise clock control.
- **High-Resolution Support:** Supports native decoding of DSD512 and PCM 768kHz/32bit audio files.
- **High Output Power:** Delivers 1100mW @32Ω, capable of driving a wide range of headphones.
- **Versatile Connectivity:** Includes 4.4mm Balanced and 3.5mm Single-Ended outputs, Bluetooth 5.2 (with LDAC and aptX HD), Wi-Fi (DLNA & AirPlay), and USB DAC functionality.
- **Intuitive Operating System:** Runs on the efficient MTouch 4.0 OS with a 4.7-inch screen.
- **Smart Control:** Compatible with the Eddict Player app via SyncLink technology for remote control.
- **Sophisticated Engineering:** Incorporates a self-developed op-amp architecture and six types of digital filters for exceptional audio performance.

SETUP

1. Initial Charging

Before first use, fully charge the M5 Ultra using the provided USB-C cable and a compatible USB power adapter (not included). The device's battery life is approximately 11 hours on a full charge.

2. Inserting a Micro SD Card

The M5 Ultra supports Micro SD cards up to 2 TB for expanded storage. Locate the Micro SD card slot on the device. Gently insert the Micro SD card with the contacts facing down until it clicks into place. To remove, push the card in slightly until it springs out.

3. Powering On/Off

- **Power On:** Press and hold the power button (usually located on the side) for a few seconds until the screen illuminates.
- **Power Off:** Press and hold the power button until a power-off menu appears on the screen. Select 'Power Off'. A short press will turn the screen on/off.

4. Connecting Headphones

The M5 Ultra offers both 3.5mm Single-Ended and 4.4mm Balanced headphone outputs. Connect your headphones to the appropriate port. Ensure the connector is fully inserted.

OPERATING INSTRUCTIONS

1. Basic Navigation (MTouch 4.0 OS)

10th Anniversary Edition Sure to Stand Out

Special Customized UI
Showcasing 10 Years of Development

Engraved Volume Wheel
Distinctive Gold Colour



Image: The M5 Ultra's user interface, displaying playback controls and system information.

The device features a 4.7-inch IPS LCD touchscreen. Navigate through menus and options by tapping and swiping. The MTouch 4.0 OS provides an intuitive user experience.

2. Playing Music

- Access your music library through the main menu.
- The M5 Ultra supports various audio formats including MP3, AAC, FLAC, WAV, WMA, OGG, APE, AIFF, ALAC, M4A, MP2, AC3, and OPUS.
- It natively decodes high-resolution files up to DSD512 and PCM 768kHz/32bit.

3. Volume Control

Adjust the volume using the physical volume wheel located on the side of the device. The M5 Ultra features an engraved volume wheel for precise control.

4. Bluetooth Connectivity

The M5 Ultra supports Bluetooth 5.2 with codecs like LDAC and aptX HD. To pair with Bluetooth headphones or speakers:

1. Go to Settings > Bluetooth.
2. Turn Bluetooth on and scan for devices.
3. Select your desired device from the list to pair.

The device can also function as a Bluetooth receiver.

5. Wi-Fi Connectivity (DLNA & AirPlay)

Connect the M5 Ultra to a Wi-Fi network for features like DLNA and AirPlay:

1. Go to Settings > Wi-Fi.
2. Select your network and enter the password if required.

Once connected, you can stream music from compatible devices via DLNA or AirPlay.

6. USB DAC Functionality

The M5 Ultra can be used as an external USB DAC for your computer. Connect the device to your computer using a USB-C cable. Select the USB DAC mode on the M5 Ultra when prompted.

7. SyncLink with Eddict Player App

For seamless remote control, download the Eddict Player app on your smartphone. Enable SyncLink in the M5 Ultra's settings and follow the app's instructions to connect.

8. Digital Filters

The M5 Ultra offers six types of digital filters to customize the sound signature. These can typically be found in the audio settings menu.

MAINTENANCE

1. Cleaning the Device

Use a soft, dry, lint-free cloth to clean the screen and body of the M5 Ultra. Avoid using harsh chemicals or abrasive materials, which can damage the finish or screen.

2. Battery Care

- Avoid fully discharging the battery frequently.
- Store the device in a cool, dry place if not used for extended periods.
- Do not expose the device to extreme temperatures.

3. Software Updates

Periodically check for firmware updates in the device's settings menu or on the official SHANLING website. Updates can improve performance, add new features, and fix bugs.

TROUBLESHOOTING

Device Not Powering On

- Ensure the battery is charged. Connect the device to a power source and try again.
- Press and hold the power button for 10-15 seconds to perform a forced restart.

No Sound Output

- Check headphone connection and ensure they are fully inserted.
- Verify the volume level is not set to zero or muted.
- Test with different headphones to rule out headphone issues.
- Ensure the correct output mode (e.g., headphone out, Bluetooth) is selected.

Bluetooth Connectivity Issues

- Ensure Bluetooth is enabled on both the M5 Ultra and the receiving device.
- Move the devices closer to each other.
- Try unpairing and re-pairing the devices.
- Restart both the M5 Ultra and the Bluetooth receiving device.

Micro SD Card Not Recognized

- Ensure the card is inserted correctly and fully.
- Try reinserting the card.

- Test with a different Micro SD card to check if the card itself is faulty.
- Ensure the card is formatted to a compatible file system (e.g., FAT32, exFAT).

SPECIFICATIONS



Image: An illustration of the internal DAC chips (AK4191EQ + AK4499EX) and other components.

Feature	Detail
Brand	SHANLING
Model Name	M5 Ultra
Model Number	US-M5U
DAC Configuration	AK4191EQ + AK4499EX
Processor	Ingenic X2000 Triple-Core
Operating System	MTouch 4.0 OS
Screen Size	4.7 inches (IPS LCD)
Max Resolution Support	DSD512, PCM 768kHz/32bit
Output Power	1100mW @32Ω
Headphone Outputs	3.5mm Single-Ended, 4.4mm Balanced
Bluetooth Version	5.2 (LDAC, aptX HD support)
Wi-Fi Support	Yes (DLNA, AirPlay)
Memory Storage Capacity	Up to 2 TB (Micro SD)
Supported Media Type	Micro SD
Supported Audio Standards	MP3, AAC, FLAC, WAV, WMA, OGG, APE, AIFF, ALAC, M4A, MP2, AC3, OPUS
Battery Average Life	11 hours
Item Dimensions (D x W x H)	0.77"D x 4.72"W x 0.77"H

WARRANTY INFORMATION

The SHANLING M5 Ultra comes with a **1-year warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. Please retain your proof of purchase for warranty claims. The warranty does not cover damage caused by misuse, accidents, unauthorized modifications, or normal wear and tear.

SUPPORT

For further assistance, technical support, or warranty inquiries, please visit the official SHANLING website or contact their customer service department. You may find additional resources, FAQs, and firmware updates on their support pages.

SHANLING Official Website: [Visit SHANLING Store on Amazon](#)

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