HIFI WALKER H20 Ultra

HIFI WALKER H20 Ultra Hi-Fi Lossless MP3 Music Player Instruction Manual

Model: H20 Ultra

Setup	Operation	Maintenance	Troubleshooting	Specifications	Warranty & Support

INTRODUCTION

This manual provides instructions for the HIFI WALKER H20 Ultra Hi-Fi Lossless MP3 Music Player. Please read this manual thoroughly before using the device to ensure proper operation and to maximize your listening experience. The H20 Ultra is designed for high-fidelity audio playback, featuring advanced DAC technology and versatile connectivity options.
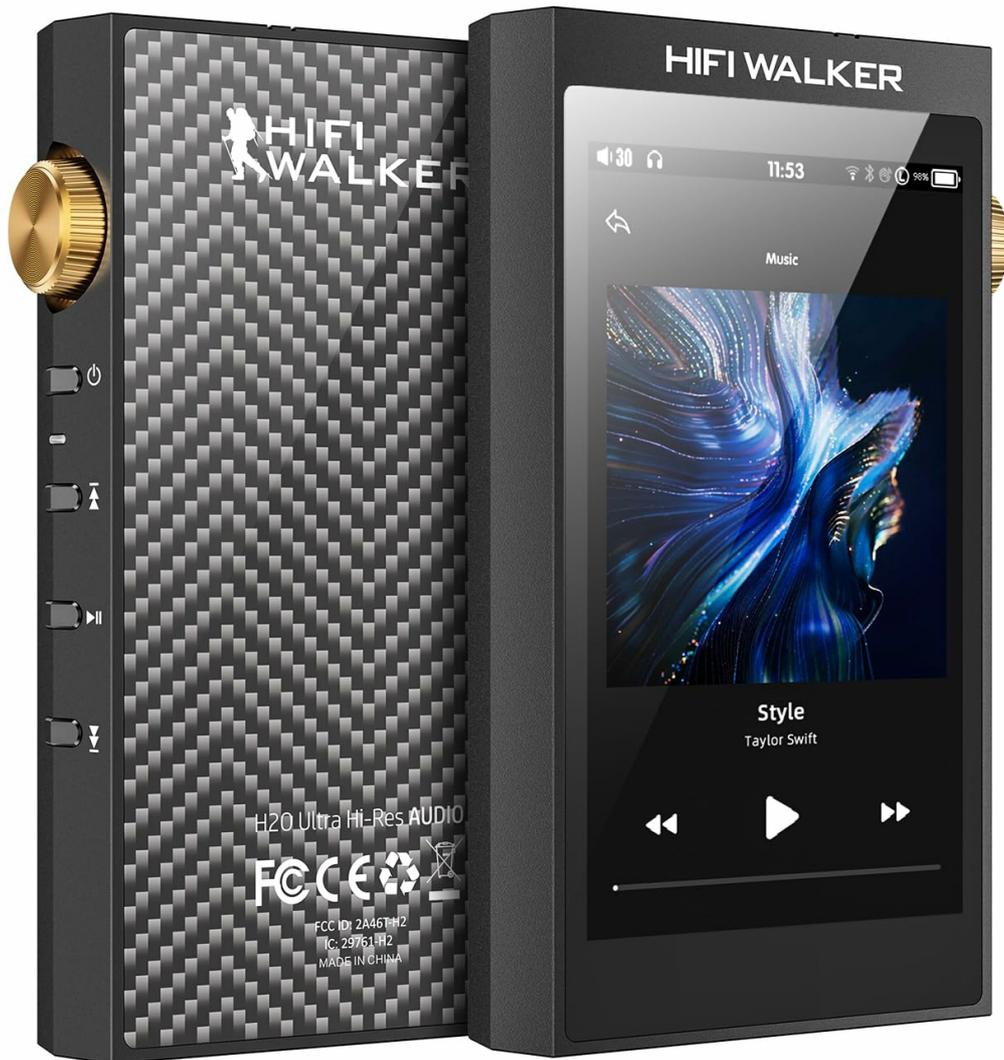
Image: Front view of the HIFI WALKER H20 Ultra MP3 Player, showcasing its 4-inch touchscreen display.

SETUP

1. Unboxing and Initial Inspection

Carefully remove all components from the packaging. Verify that the following items are included:

- H20 Ultra MP3 Player
- USB-C Data Cable
- 128GB TF Card (pre-installed or separate)
- Velvet Storage Bag
- User Manual (this document)

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Video: An unboxing and overview of the HIFI WALKER H20 Ultra MP3 Player, demonstrating its components and initial handling.

2. Charging the Device

Before first use, fully charge the H20 Ultra. Connect the provided USB-C data cable to the USB-C port on the bottom of the player and the other end to a USB power adapter (not included) or a computer's USB port. The device features a 3000mAh battery with fast charging support.

Image: The HIFI WALKER H20 Ultra connected to a USB-C charging cable, illustrating the charging process and battery life.

3. Inserting the TF Card

The H20 Ultra supports external storage via a TF (microSD) card. A 128GB TF card is included. Locate the TF card slot on the bottom of the device. Gently insert the TF card until it clicks into place. To remove, push the card in slightly until it springs out.
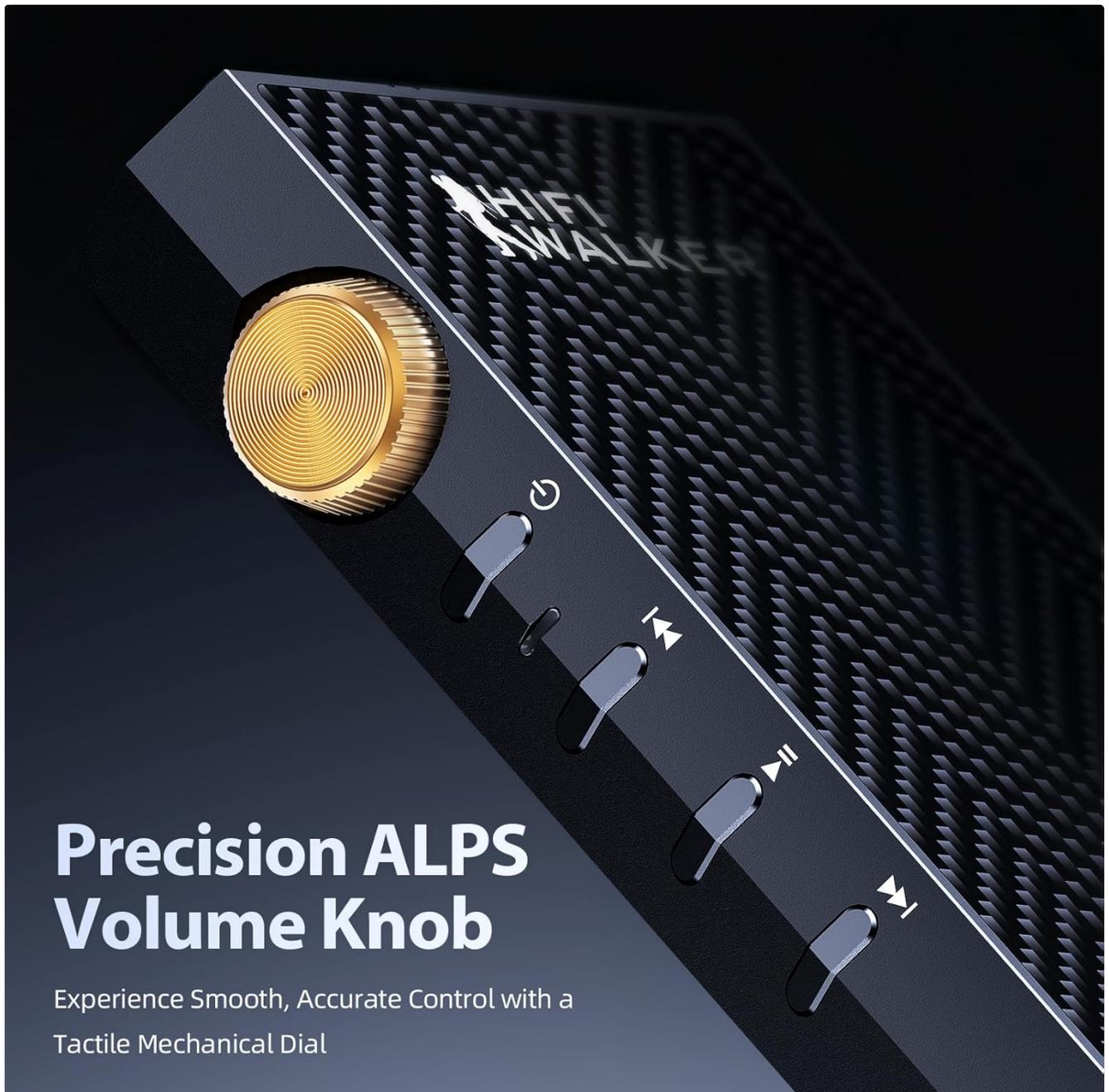
Bigger Screen, Better Experience

Enjoy Lyrics, Album Art, and Menus on a Bright, Wide-View 4-Inch Display

3.2
4 inch LCD Screen

Full touchscreen

ALPS Rotary Volume Control

Image: Bottom view of the HIFI WALKER H20 Ultra, showing the USB-C port and the TF card slot.

4. Connecting Headphones

The player features dual headphone jacks: a 4.4mm balanced output and a 3.5mm single-ended output. Connect your headphones to the appropriate jack. For optimal audio quality with compatible headphones, use the 4.4mm balanced output.

Precision ALPS Volume Knob

Experience Smooth, Accurate Control with a Tactile Mechanical Dial

Image: Top view of the HIFI WALKER H20 Ultra, highlighting the 4.4mm balanced and 3.5mm single-ended headphone jacks.

OPERATION

1. Power On/Off and Basic Controls

Press and hold the power button on the side of the device to turn it on or off. The device features a precision ALPS mechanical volume knob for accurate volume adjustments, along with dedicated buttons for playback control (play/pause, skip track).
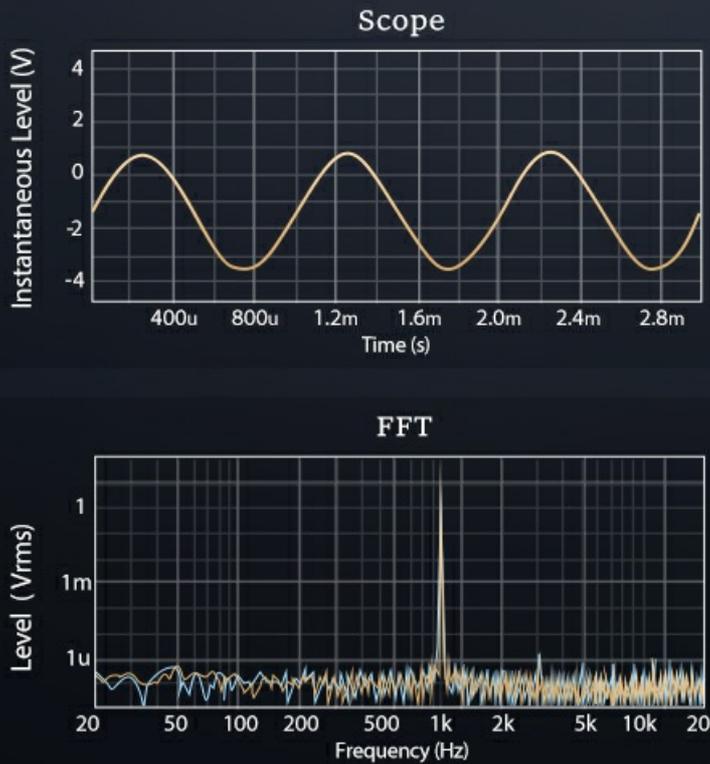
Image: Side view of the HIFI WALKER H20 Ultra, showing the gold-colored ALPS volume knob and the power, play/pause, and track navigation buttons.

2. Touchscreen Navigation

The H20 Ultra is equipped with a 4-inch 480x800 HD touchscreen. Navigate through menus, browse your music library, and adjust settings by tapping and swiping on the screen. The interface is designed for intuitive control.

Image: The HIFI WALKER H20 Ultra's 4-inch HD touchscreen displaying album art and playback controls.

3. Music Playback

The player supports a wide range of high-resolution audio formats, including WAV, FLAC, ALAC, APE, WMA, MP3, and native DSD decoding (up to DSD256 and 32-bit/768kHz PCM). To play music:

1. Transfer your music files to the inserted TF card.
2. On the device, navigate to the "Music" or "File browsing" section.
3. Select the desired song or album to begin playback.

Image: Screenshot of the HIFI WALKER H20 Ultra's music library interface, showing various music categories and file browsing options.

4. Equalizer Settings

Customize your audio experience using the built-in equalizer. Access the equalizer settings through the device's menu to adjust frequency bands or select from preset modes like Rock, Jazz, Classical, and Pop.

Image: Screenshot of the HIFI WALKER H20 Ultra's equalizer interface, showing adjustable frequency sliders and genre presets.

5. Bluetooth Connectivity

The H20 Ultra features Bluetooth 5.2 for wireless audio streaming. To pair with Bluetooth headphones or speakers:

1. Go to the device's settings menu and enable Bluetooth.
2. Put your Bluetooth audio device into pairing mode.
3. Select your device from the list of available devices on the H20 Ultra's screen.

Why H20 Ultra Outperforms the Competition

	H20 Ultra	Other Players
DAC Chip	Flagship ES9038Q2M	Standard DAC
Output Capacity	3.5mm SE 2V / 4.4mm Balanced 4V	Single-ended 1.8V
Audio Format Support	DSD256, 32-bit/384kHz PCM	MP3/WMA Only
Frequency Response	20Hz–40kHz	20Hz–20kHz
Signal-to-Noise Ratio	120dB SNR	95dB SNR
THD	THD <0.0006%	THD >0.01%
Functionality	USB DAC/SPDIF Out/Line Out	No external functions

Image: The HIFI WALKER H20 Ultra connected wirelessly to headphones and a speaker via Bluetooth, demonstrating its versatile connectivity.

6. USB DAC, Line Out, and SPDIF

The H20 Ultra can function as a USB DAC for computers, enhancing digital playback. It also provides SPDIF and Line Out outputs for connecting to external amplifiers, speakers, or Hi-Fi systems. These options are accessible via the USB-C port and can be configured in the device settings.

MAINTENANCE

1. Cleaning the Device

Use a soft, dry, lint-free cloth to clean the device's screen and body. Avoid using abrasive cleaners, solvents, or aerosol sprays, as these can damage the finish or internal components.

2. Battery Care

To prolong battery life, avoid exposing the device to extreme temperatures. Store the device in a cool, dry place when not in use for extended periods. Fully charge the device periodically if it is stored for a long time.

Troubleshooting

If you encounter issues with your H20 Ultra, refer to the following common problems and solutions:

Device Does Not Power On

- Ensure the device is fully charged. Connect it to a power source and allow it to charge for at least 30 minutes before attempting to power on again.
- Perform a hard reset by holding the power button for 10-15 seconds.

Bluetooth Connection Issues

- Ensure Bluetooth is enabled on both the H20 Ultra and the target audio device.
- Place the devices in close proximity during pairing.
- Forget the device in the Bluetooth settings on both the H20 Ultra and the audio device, then attempt to re-pair.
- Some users have reported that manual reconnection is sometimes required.

Slow Boot-Up Time

- A longer boot-up time can occur, especially if the device's storage is nearly full or if there are many files to index.
- Ensure the device's firmware is up to date. Check the manufacturer's website for any available updates.

No Sound Output

- Check headphone connections and ensure they are fully inserted into the correct jack (3.5mm or 4.4mm).
- Verify the volume level on the device and any connected audio equipment.
- Ensure the correct output mode (e.g., headphone, Line Out, SPDIF) is selected in the device settings if applicable.

Specifications

Feature	Detail
Model Name	H20 Ultra
Brand	HIFI WALKER
DAC Chip	ES9038Q2M SABRE DAC
DSD Decoding	Native DSD (FPGA hardware decoding) up to DSD256
PCM Playback	Up to 32-bit/768kHz
Screen Size	4 Inches (480x800 HD Touchscreen)
Headphone Outputs	4.4mm Balanced (4V), 3.5mm Single-Ended (2V)
Other Outputs	USB DAC, Line Out, SPDIF
Bluetooth	Bluetooth 5.2

Feature	Detail
Supported Audio Formats	WAV, FLAC, ALAC, APE, WMA, MP3, DSD, DSF, DFF, AIFF, AAC, Ogg
Memory Storage	128 GB (via included TF Card)
Battery Capacity	3000mAh
Charging	USB-C, Fast Charging
Material	Aerospace-grade Aluminum
Item Weight	14.4 ounces
Package Dimensions	5.9 x 3.74 x 2.16 inches

Image: Diagram illustrating the ES9038Q2M DAC chip and its specifications within the H20 Ultra.

Image: A comparison table detailing the H20 Ultra's performance metrics against other players, including DAC, output capacity, and audio format support.

WARRANTY AND SUPPORT

The HIFI WALKER H20 Ultra comes with a standard manufacturer's warranty. For specific warranty terms, duration, and to register your product, please refer to the warranty card included in your packaging or visit the official HIFI WALKER website.

For technical support, troubleshooting assistance beyond this manual, or service inquiries, please contact HIFI WALKER customer support through their official website or the contact information provided in your product documentation.