**Zidoo UHD8000**

# Zidoo UHD8000 8K HDR Media Player User Manual

Model: UHD8000

## 1. Introduction

The Zidoo UHD8000 is an advanced 8K ultra-high-definition media player designed for an immersive home entertainment experience. It seamlessly integrates high-fidelity audio streaming with powerful video decoding capabilities. Crafted from an all-aluminum alloy, its sophisticated design houses a robust Amlogic S928X-K chipset, complemented by 8GB DDR4 RAM and 64GB eMMC storage. This device supports cutting-edge video formats including Dolby Vision and HDR10+, delivering stunning 8K@60P output via its HDMI 2.1 main port.

A key innovation of the UHD8000 is its dual HDMI audio-video separation technology, which isolates interference and enhances audio quality. It features two ultra-high-precision audio dedicated clocks for the sub-port's HDMI audio output, ensuring precise sound reproduction and significant audio improvement. This separation technology allows users to enjoy 8K content without needing to upgrade existing AV preamplifiers or integrated amplifiers. Beyond video, the UHD8000 excels as a versatile streaming music and high-performance decoding player, equipped with the new ESS 9069 DAC audio decoding. It offers powerful music library management and supports various streaming protocols like TIDAL Connect, UPnP/DLNA, and Squeeze lite, with several API-integrated music streaming services built-in.

## 2. Product Overview

### 2.1. Components

The Zidoo UHD8000 package includes the following components:

- Zidoo UHD8000 Media Player Unit
- Bluetooth/Infrared Remote Control (x1)
- High-Gain Antennas (x3)
- Quick Start Guide (x1)
- AC Power Cable (x1)
- HDMI Cable (x1)

### 2.2. Key Features

- **Powerful Audio Decoding and Processing:** Equipped with XMOS and ESS9069Q DAC solution, supporting DSD512 and PCM768KHz/32Bit hardware decoding. Provides excellent sound quality reproduction for high-quality lossless playback of formats like SACD ISO, DSF, DFF, WAV, FLAC, and CUE track playback.

- **High-Performance Processor and Large Memory:** Features the latest generation Amlogic S928X-K 64-bit 5-core processor, 8GB DDR4 memory, and 64GB eMMC flash storage. This ensures superior processing power and smooth system operation, supporting demanding audio and video processing, and stable execution of large applications.
- **Advanced Image Processing and Quality Optimization:**Supports 8K 60Hz pixel output and is compatible with HDR (HDR10/HLG/HDR10+/Dolby Vision) processing and video codec formats such as AV1/VP9/H.265. The built-in VS10 image optimization engine allows for custom mapping of images, improving picture quality and color expression for more detailed and realistic display.
- **Interface and Output Support:** Provides dual HDMI video and audio separation output, allowing users to enjoy 4K video and high-resolution audio without upgrading existing amplifiers. The UHD8000 also supports USB DAC input, XLR balanced, and RCA analog audio output, compatible with Windows 10/11, Mac OS, and Android platforms. This strong interface support allows seamless connection with various audio and video devices.
- **Smart Operating System and User Interface:** Runs on the latest Android 11 operating system, providing a smoother and more stable operating experience. Features a large front LED display and an upgraded Poster Board 4.0 interactive interface, making content management easy. Functions such as individual classification, movie trailers, and soundtracks are supported. Global control and seamless on-demand playback are possible on iOS and Android devices via a dedicated smart control app.

## 2.3. Product Views




**Figure 1: Front View.** This image displays the front panel of the Zidoo UHD8000 media player, featuring a large central LED display, a power button on the left, and a USB port on the right. The sleek black aluminum alloy chassis is visible.




**Figure 2: Key Features Overview.** This composite image highlights various aspects of the UHD8000, including its large LED display, quick-release dual hard disk bay design, rich gold-plated ports, dual HDMI audio-video separation output, high-end pure HIFI audio decoding, and full balanced signal design.




**Figure 3: Internal Structure.** An internal view of the Zidoo UHD8000, showcasing its powerful performance with the "core" processor, dual independent power supplies, XMOS + dual clock design, flagship DAC, large capacity memory (8GB DDR4 + 64GB eMMC), and faster, more stable Wi-Fi 6 (2.4G + 5G) wireless connection.




**Figure 4: Advanced Video Technologies.** This image illustrates the support for Dolby Vision and HDR10+ technologies, emphasizing the VS10 image engine for optimal picture quality and automatic frame rate switching for smooth playback. It also shows the media center interface.




**Figure 5: Network and Audio Features.** This image highlights the 12-bit ultra-deep color support with 68 billion colors, rich network protocol support (NFS, UPnP, SMB, WebDAV, Emby, OneDrive, Dropbox), extensive network music services (TIDAL, Qobuz, Hi-Res Audio, Amazon Music, SoundCloud, Calm Radio, Radio Paradise, Deezer, KKBOX, IDAGIO, TuneIn), and powerful network and local file management and transfer functions. It also shows the TIDAL Connect and DLNA logos.




**Figure 6: Technical Specifications Summary.** This graphic provides a concise overview of the UHD8000's technical specifications, including Amlogic S928X-K processor, 8K Ultra HD, HDR10+, Dual HDMI A/V separate output, THD+N 0.00015%, 8GB DDR4 + 64GB eMMC, XMOS 3rd Gen 16 Cores, DTS X, DNR 123 dB, ESS 9069Q, AI picture quality, Dolby Vision, AVS3, Hidden HDD bays x2, Wi-Fi 6 (2.4G + 5G), BT remote control, Linear + Digital Dual Power Supplies, iOS/Android APP control, DSD512 decoding, PCM 768KHz/32-bit, Lossless music playback, Poster Wall, Auto FPS, IP/RS 232/Control 4 smart control, BT 5.2, and Music Library.

## 3. Setup

### 3.1. Connecting the Device

1. **Power Connection:** Connect the supplied AC power cable to the UHD8000's power input port and then to a wall outlet.
2. **HDMI Connection:** Use the provided HDMI cable to connect the UHD8000's HDMI OUT port to an HDMI input on your TV or AV receiver. For optimal audio separation, utilize the dedicated HDMI audio output port if your setup supports it.
3. **Network Connection:**
    - **Wired:** Connect an Ethernet cable from your router to the LAN port on the UHD8000.
    - **Wireless:** Attach the three high-gain antennas to the designated antenna ports on the rear of the device. During initial setup, you will be prompted to connect to your Wi-Fi network.
4. **USB Devices:** Connect any external USB storage devices (e.g., hard drives, USB sticks) to the available USB 2.0 or USB 3.0 ports.
5. **Audio Output (Optional):** For advanced audio setups, connect XLR balanced or RCA analog cables from the UHD8000 to your amplifier or DAC.

### 3.2. Initial Power On and Configuration

1. Press the power button on the front panel or the remote control to turn on the UHD8000.
2. Follow the on-screen instructions to complete the initial setup, including language selection, network configuration, and time zone settings.
3. It is recommended to check for and install any available firmware updates to ensure optimal performance and access to the latest features.

## 4. Operation

### 4.1. Navigating the User Interface

The UHD8000 runs on Android 11 with a custom Zidoo interface, including Poster Board 4.0. Use the supplied remote control to navigate through menus and select options.

- **Home Screen:** Provides quick access to media libraries, installed applications, and system settings.
- **Media Center:** Organize and browse your local and network media files. Supports automatic categorization and metadata fetching for movies and music.
- **Apps:** Access pre-installed applications and download new ones from the app store.
- **Settings:** Configure video, audio, network, system, and other advanced settings.

### 4.2. Media Playback

The UHD8000 supports a wide range of audio and video formats.

- **Local Playback:** Access files from connected USB drives or internal storage via the Media Center.
- **Network Playback:** Stream content from network shares (NFS, SMB, UPnP/DLNA) or cloud services (OneDrive, Dropbox).
- **Streaming Services:** Utilize built-in streaming apps or install new ones for services like Netflix, TIDAL, Qobuz, and Amazon Music.
- **Video Playback:** Supports 8K 60Hz, HDR10, HDR10+, Dolby Vision, HLG, AV1, VP9, H.265, and more.
- **Audio Playback:** Supports DSD512, PCM768KHz/32Bit, SACD ISO, DSF, DFF, WAV, FLAC, and CUE.

### 4.3. Advanced Settings

Explore the settings menu for advanced configurations:

- **Display Settings:** Adjust resolution, refresh rate, HDR mode, and color space.
- **Audio Settings:** Configure audio output modes (HDMI, analog, digital), DSD output, and audio passthrough.
- **Network Settings:** Manage Wi-Fi connections, Ethernet settings, and network protocols.
- **System Settings:** Perform firmware updates, factory resets, and manage storage.

## 5. Maintenance

### 5.1. Cleaning

To maintain the appearance and performance of your UHD8000:

- Wipe the exterior with a soft, dry cloth.
- Do not use liquid cleaners or abrasive materials, as they may damage the finish.
- Ensure ventilation openings are free from dust and obstructions.

### 5.2. Firmware Updates

Regularly check for firmware updates to ensure your device has the latest features, bug fixes, and performance improvements. Updates can typically be found in the system settings menu.

## 6. Troubleshooting

| Problem | Possible Cause | Solution |
|---|---|---|
| No power | Power cable not connected; Power outlet faulty | Ensure power cable is securely connected; Try a different power outlet. |
| No video output | HDMI cable loose/faulty; Incorrect input selected on TV/receiver; Resolution mismatch | Check HDMI cable connections; Select correct HDMI input on your display; Adjust resolution in settings if possible. |
| No audio output | Audio cables loose/faulty; Incorrect audio output selected in settings; Volume too low | Check audio cable connections; Verify audio output settings on UHD8000 and receiver; Increase volume. |
| Network connection issues | Wi-Fi signal weak; Incorrect network password; Router issues | Move device closer to router or use Ethernet; Re-enter Wi-Fi password; Restart router and UHD8000. |
| Remote control not working | Batteries low/dead; Obstruction between remote and device; Remote not paired (for Bluetooth) | Replace batteries; Remove obstructions; Re-pair Bluetooth remote if applicable. |

## 7. Specifications

| Feature | Detail |
|---|---|
| Model Name | UHD8000 |
| Color | Black |

| Feature | Detail |
|---|---|
| Form Factor | TV Box |
| Controller Type | Smart Control, Remote Control |
| Supported Internet Services | Netflix (and others via Android apps) |
| Resolution | 8K |
| Special Features | Remote Control |
| Connector Type | USB 3.0, USB 2.0 |
| Connectivity Technology | Bluetooth, Wi-Fi, USB |
| Brand | Zidoo |
| Item Weight | 5.9 kg |
| Included Components | Bluetooth/Infrared Remote Control (x1), High-Gain Antenna (x3), Quick Start Guide (x1), AC Power Cable (x1), HDMI Cable (x1) |
| Manufacturer | zidoo |
| Compatible Devices | TV |

## 8. Warranty and Support

For warranty information and technical support, please refer to the official Zidoo website or contact your local distributor. Keep your purchase receipt as proof of purchase for warranty claims.

**Online Resources:**

- Official Zidoo Website: www.zidoo.tv (Please check for the most up-to-date support information and contact details.)
- Firmware Downloads: Available on the official website's support section.

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