Dune HD Max 8K

Dune HD Max 8K Media Player User Manual

Model: Max 8K

1. INTRODUCTION

The Dune HD Max 8K is a high-end, full-sized media player designed for an immersive audio and video experience. It features an advanced S928X media processor with Dolb Visio VS10 engine, supporting true 8Kp60 decoding and output. Its robust design includes a linear power supply, TCXO chip, and dedicated Hi-Fi digital and analog audio outputs for superior sound quality. This manual provides essential information for setting up, operating, and maintaining your Dune HD Max 8K media player.

Figure 1.1: Front view of the Dune HD Max 8K media player, showcasing its sleek design and front panel display.

2. WHAT'S IN THE BOX

Carefully unpack all items and ensure the following components are included:

- Media player x1
- Wi-Fi antenna x2
- Bluetooth remote control x1
- AAA batteries x2
- HDMI 8K Ultra HD cable x1
- IR extender x1
- 19-inch rack-mount bracket x2

- Screw set for 19-inch rack-mount bracket x1

Figure 2.1: The product packaging for the Dune HD Max 8K, indicating safe transit and branding.

3. Setup

3.1 Physical Placement and Connections

Place the Dune HD Max 8K on a stable, flat surface with adequate ventilation. Ensure it is positioned away from direct heat sources or excessive moisture. Connect the included HDMI cable from the player's HDMI output to your TV or receiver's HDMI input.

Figure 3.1: Rear panel of the Dune HD Max 8K, displaying HDMI, USB, Ethernet, optical S/PDIF, coaxial S/PDIF, and analog audio outputs for comprehensive connectivity.

3.2 Power Connection

Connect the power cord to the player's power input and then to a wall outlet. The device features a linear power supply with a magnetically shielded toroidal transformer for clean power delivery.

Advanced linear power supply with a custom magnetically shielded toroidal transformer ensures very clean and low-noise power for all components. This helps to reduce jitter and noise on all A/V outputs, minimise the transfer of jitter and noise from the media player to the receiving A/V equipment and thus improve the resulting audio and video quality.

Figure 3.2: Detailed view of the custom magnetically shielded toroidal transformer, a key component of the linear power supply, ensuring stable and low-noise power for all internal components.

3.3 Hard Drive Installation (Optional)

The Dune HD Max 8K supports a 3.5-inch SATA HDD up to 20TB. To install, open the HDD rack on the side of the player, slide in the hard drive, and secure it. The HDD rack is vibration-isolated to minimize noise.

Figure 3.3: The Dune HD Max 8K with its vibration-isolated HDD rack open, illustrating the easy installation process for a 3.5-inch SATA hard drive.

3.4 Remote Control Setup

Insert the two AAA batteries into the Bluetooth remote control. The remote features a backlight and learnable buttons for convenience.

Figure 3.4: The new Bluetooth/IR remote control for the Dune HD Max 8K, highlighting its illuminated buttons, Bluetooth connectivity, airmouse function, microphone, and learnable buttons.

4. OPERATING INSTRUCTIONS

4.1 Powering On and Initial Boot

Press the power button on the front panel or the remote control to turn on the device. The system will boot up, displaying the Dune HD logo. Follow the on-screen prompts for initial language and network setup.

4.2 Navigation and User Interface

Navigate the user interface using the directional pad and OK button on the remote control. The intuitive GUI (Graphical User Interface) allows quick access to media libraries, settings, and applications.

4.3 Media Playback

Access your media files from connected USB drives, network shares, or the internal HDD. The player supports a wide range of audio and video formats, including 8Kp60 HDR video decoding and output. It also supports the new AV1 video codec for

improved efficiency.

4.4 Audio Features

For high-fidelity audio, utilize the dedicated coaxial S/PDIF and I2S-E digital audio outputs, which are based on an XMOS chip for clean signal isolation. The enhanced analog audio output benefits from a dedicated low-noise power chip for the DAC block, ensuring superior sound quality.

4.5 Network Connectivity

Connect to your network via Ethernet or Wi-Fi. This enables access to online streaming services, network storage, and firmware updates. The device supports YouTube 8K HDR content.

5. MAINTENANCE

5.1 Cleaning

Wipe the exterior of the player with a soft, dry cloth. Avoid using liquid cleaners or abrasive materials. Ensure the ventilation slots are clear of dust to maintain optimal airflow.

5.2 Firmware Updates

Periodically check for firmware updates through the system settings. Updates can improve performance, add new features, and resolve issues. Always ensure a stable internet connection during updates.

5.3 Hard Drive Care

If an internal hard drive is installed, ensure proper shutdown procedures are followed to prevent data corruption. The player's design includes a 120mm Noctua fan for additional hard drive cooling, contributing to its longevity.

Dune HD Media player Max 8K

Premium full-sized casing
Linear power supply
TCXO chip

NEW

Hi-Fi digital out and XMOS chip
Enhanced analog audio out
**Dedicated port for USB DAC**
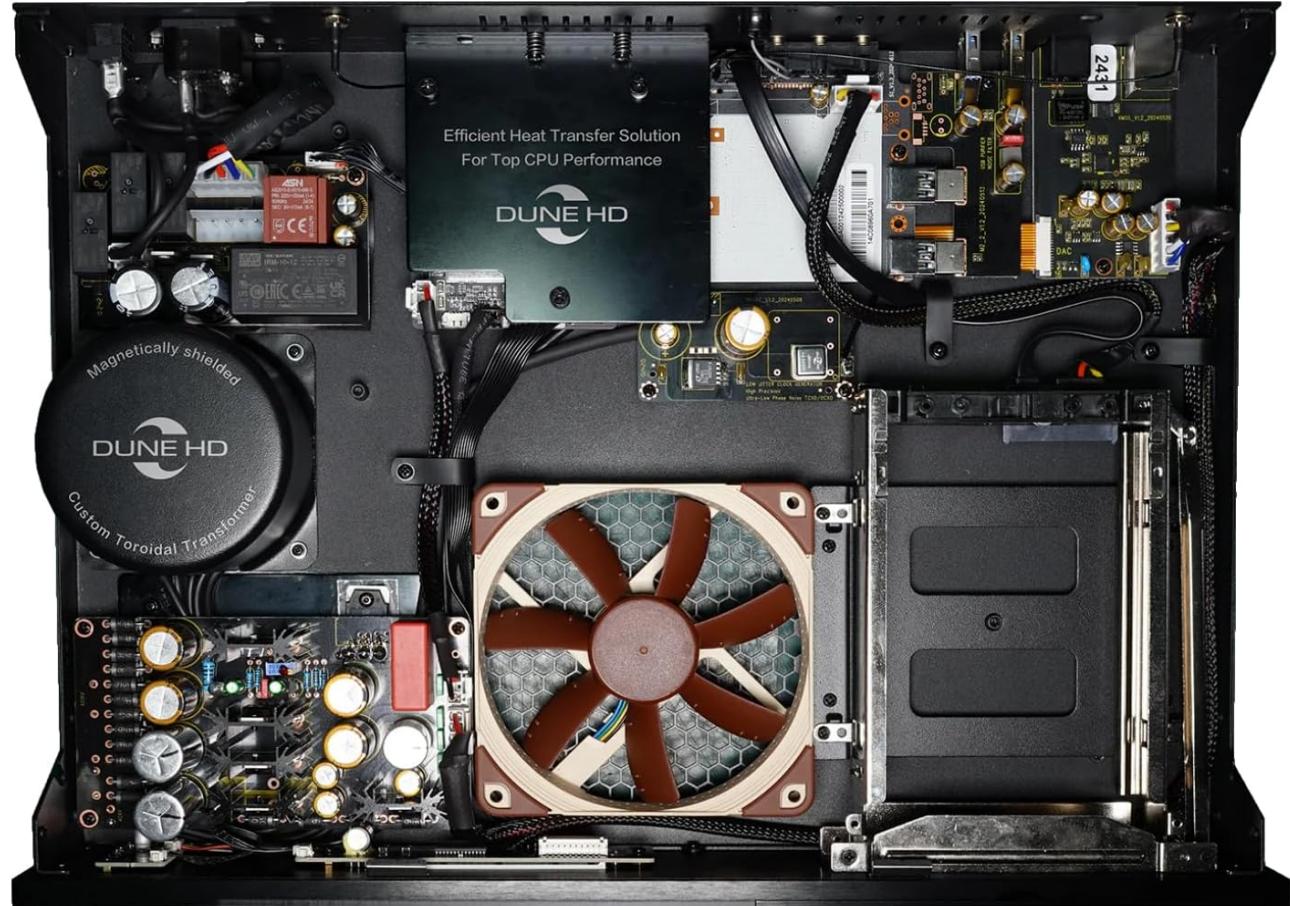
Figure 5.1: Internal layout of the Dune HD Max 8K, revealing the efficient heat transfer solution for the CPU, the custom toroidal transformer for the linear power supply, and the high-quality 120mm Noctua fan for hard drive cooling.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
No Power	Power cable disconnected; Power outlet issue	Ensure power cable is securely connected. Try a different power outlet.
No Picture/Sound	HDMI cable loose/faulty; Incorrect input selected on TV/receiver	Check HDMI cable connections. Select the correct HDMI input on your display device.
Frozen Picture / Unresponsive	Software glitch; Overheating	Restart the device. Ensure adequate ventilation around the player. Check for firmware updates.

Problem	Possible Cause	Solution
Humming Noise from Unit	Possible PSU issue (as reported by some users)	Ensure the unit is on a stable surface. If the noise persists and is disruptive, contact customer support.
Remote Control Not Working	Batteries low/incorrectly inserted; Remote not paired	Replace batteries. Re-pair the Bluetooth remote control according to the on-screen instructions.

7. SPECIFICATIONS

Product Dimensions: 16.93 x 12.76 x 3.11 inches

Item Weight: 19.93 pounds

Item Model Number: Max 8K

Batteries: 2 AAA batteries required (included)

Brand: Dune HD

Connectivity Technology: Bluetooth, Wi-Fi, USB, Ethernet, HDMI

Controller Type: Remote Control, App Control

Special Features: Dedicated port for USB-DAC, Linear power supply, Hi-Fi digital output and XMOS chip, High-quality full-size enclosure, TCXO Chip

Total HDMI Ports: 1

Connector Type: HDMI, Optical S/PDIF, Coaxial S/PDIF

Number of Channels: 2

Supported Internet Services: YouTube

Control Method: App, Remote

Manufacturer: Dune HD (HK) Limited
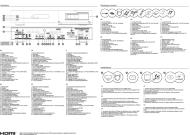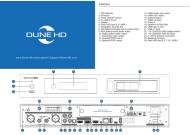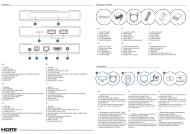
Country of Origin: China

Date First Available: October 23, 2024

8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation included with your product or visit the official Dune HD website. The manufacturer is Dune HD (HK) Limited. For further assistance, you may also contact your retailer.
For more information, visit the Dune HD Store on Amazon.

Related Documents - Max 8K

	[Dune HD Lite 53D: Your All-in-One Full HD Media Player](#) Explore the Dune HD Lite 53D, a versatile Full HD media player featuring the Sigma Designs 8653 processor, extensive format support (MKV, HD, SD), multiple connectivity options (USB, HDMI, Network), and advanced functions like NAS, BitTorrent, and Internet Radio.
	[Dune HD Max 8K Media Player Quick Start Guide](#) Get started quickly with your Dune HD Max 8K media player. This guide covers setup, connections, and basic operation for enjoying 8K HDR10+ and Dolby Vision content.
	[Dune HD Max 4K II Media Player: Interface, Package Contents, and Setup Guide](#) Comprehensive guide to the Dune HD Max 4K II media player, detailing its interface ports, package contents, installation steps, and remote control functions for optimal home entertainment setup.
	[Dune HD AV1 4K Media Player: Quick Start Guide and Features](#) Comprehensive guide to setting up and using the Dune HD AV1 4K media player, covering interface ports, package contents, installation, remote control functions, and important warnings.
	[Dune HD Premier 4K Pro Quick Start Guide](#) A comprehensive quick start guide for the Dune HD Premier 4K Pro media player, covering package contents, interface details, installation steps, remote control usage, Android TV features, and important warnings.
	[DUNE HD RV4KPLUS Set Top Box User Manual and Regulatory Information](#) Official user manual and regulatory compliance information for the DUNE HD RV4KPLUS set top box, covering package contents, installation basics, and FCC statements.