

Dune HD Real Vision 4K Duo

Dune HD Real Vision 4K Duo User Manual

Advanced 4K HDR Media Player and Android Smart TV Box

1. INTRODUCTION

The Dune HD Real Vision 4K Duo is a state-of-the-art media player designed to deliver an unparalleled home entertainment experience. Equipped with the powerful RTD1619 processor, it supports the latest video and audio technologies, including HDR10+ and Dolby Vision, ensuring stunning 4K visuals and immersive sound. Its robust design includes dual hard drive bays for extensive media storage, making it a central hub for your digital content.

Key Features:

- RTD1619 Processor for superior performance.
- Support for HDR10+, Dolby Vision, and YouTube 4K HDR.
- Dual 3.5"/2.5" SATA HDD racks with support for up to 16TB per drive.
- Intelligent passive and active cooling system.
- HDMI 2.0b, HD audio, BD4K, BD3D, and Blu-ray menu support.
- Comprehensive network connectivity: NFS, SMB, 1Gbit Ethernet, WiFi 2.4/5.
- USB 3.1 for high-speed data transfer.
- Bluetooth remote with voice search functionality.
- Dune Control mobile application for iOS and Android.

What's in the Box:

- Dune HD Real Vision 4K Duo Media Player
- Wi-Fi + Bluetooth antennas (2x)
- Bluetooth remote (1x)
- AAA batteries (2x)
- Power supply
- HDMI cable
- A/V cable 3.5mm-3RCA
- IR extender
- Keys for HDD racks locks (2x)

- Screws for HDD installation



Figure 1: Front view of the Dune HD Real Vision 4K Duo, showing the dual HDD bays and front panel display.

2. SETUP

2.1. Physical Connections

1. **Connect to Display:** Use the provided HDMI cable to connect the HDMI OUTPUT port on the media player to an HDMI input on your TV or AV receiver.
2. **Connect to Power:** Connect the power supply to the DC 12V input port on the media player, then plug the power adapter into a wall outlet.
3. **Network Connection (Optional):** For wired network access, connect an Ethernet cable from your router to the GIGABIT LAN port on the media player. For wireless, ensure Wi-Fi antennas are installed.
4. **Audio Connection (Optional):** For optical audio, connect an optical cable from the OPTICAL port to your audio system. For analog audio, use the A/V OUT port with the provided 3.5mm-3RCA cable.



Figure 2: Rear view of the media player, highlighting the various connectivity ports including HDMI, LAN, and audio outputs.

2.2. Hard Drive Installation

The Dune HD Real Vision 4K Duo supports two 2.5" or 3.5" SATA hard drives (HDD) or Solid State Drives (SSD) up to 16TB each. Hard drive bays are equipped with indicators and can be key-locked for security.

1. **Unlock Bays:** Use the provided keys to unlock the hard drive bays on the front panel.
2. **Insert Drive:** Gently slide your 2.5" or 3.5" SATA HDD/SSD into an empty bay until it clicks into place. Ensure the drive is properly aligned with the connector.
3. **Secure Drive:** Attach the hard drive to the tray using the included screws.
4. **Lock Bays (Optional):** Re-lock the bays using the keys for added security.

The device supports hot-swapping of hard drives, allowing you to insert or remove drives while the unit is powered on, provided the system is not actively accessing the drive.



Figure 3: Close-up of the front panel, illustrating the two hard drive bays with their locking mechanisms.

2.3. Antenna Installation

Install the two Wi-Fi + Bluetooth antennas onto the gold-plated connectors at the rear of the unit. These antennas are essential for both Wi-Fi and Bluetooth functionality, including the Bluetooth remote control, even if Wi-Fi is not used.

2.4. Initial Power-On

After all connections are made, flip the ON/OFF switch at the rear of the unit to the 'ON' position. The device will power on, and the front display will illuminate. Follow the on-screen instructions for initial setup, including network configuration and system updates.

3. OPERATING

3.1. Remote Control

The Dune HD Real Vision 4K Duo comes with a Bluetooth remote control. This remote offers superior range and does not require direct line-of-sight to the player. It includes a built-in microphone for voice search functionality in compatible applications.

- **Pairing:** The remote is usually pre-paired. If not, follow the on-screen instructions during initial setup or refer to the device's settings menu for Bluetooth pairing.
- **Voice Search:** Press the microphone button on the remote and speak your command or search query.

- **Navigation:** Use the directional pad and 'ENTER' button to navigate menus and select options.

Bluetooth remote with Microphone function for Voice Search, IR learning, Air Mouse control.

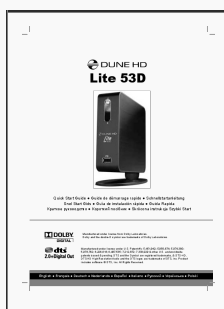


Figure 4: The Bluetooth remote control with microphone for voice search.

3.2. Mobile Application Control

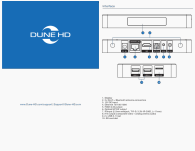
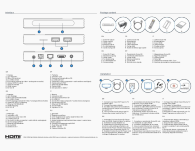
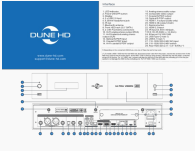
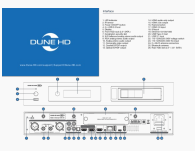
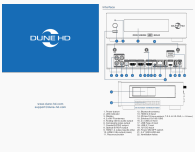
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	<p><u>Dune HD AV1 4K Media Player: Quick Start Guide and Features</u></p> <p>Comprehensive guide to setting up and using the Dune HD AV1 4K media player, covering interface ports, package contents, installation, remote control functions, and important warnings.</p>
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