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Octagon OCT-SF8008-SUPREME-TWIN

OCTAGON SF8008 UHD 4K Supreme Twin Satellite Receiver User Manual

Model: OCT-SF8008-SUPREME-TWIN | Brand: Octagon

1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your OCTAGON SF8008 UHD 4K Supreme Twin Satellite Receiver. Please read this manual thoroughly before using the device to ensure proper functionality and to maximize your viewing experience. Keep this manual for future reference.

2. PRODUCT OVERVIEW

2.1 Front and Rear Panels



Figure 1: Front and Rear View of the OCTAGON SF8008 Supreme Twin Receiver.

The front panel features a power button, a 4-digit 7-segment display, an LED indicator (red/blue), and an infrared sensor. The rear panel includes two DVB-S2X tuner LNB inputs, a Dolby S/PDIF output, an AV jack (for audio/video output), an RS-232 port for maintenance, two Wi-Fi antennas, an HDMI 2.0a output, a USB 2.0 port, a Gigabit LAN port (1000 Mbps), a MicroSD slot, a recovery button, a DC 12V power input, and a power on/off switch.

2.2 Side Panel



Figure 2: Side View of the OCTAGON SF8008 Supreme Twin Receiver, showing USB 3.0 port and CA Card slot. The right side of the receiver houses a USB 3.0 port and a CA (Conditional Access) card reader slot.

2.3 Internal Components (M.2 Slot)



Festplatte ist nicht im Lieferumfang enthalten, die Abbildung dient als Montagebeispiel

Figure 3: Internal view showing the M.2 slot for SSD installation. Note: SSD is not included. The receiver includes an internal M.2 slot (M KEY – PCIe NVME) for installing an M.2 SSD, which can be used for recording and timeshift functions. The SSD is not included with the receiver.

3. KEY FEATURES

- **Dual Operating System (Dual OS):** Supports both E2 Linux and Define OS, allowing users to switch between systems.
- **Advanced Tuner & Demodulator:** Enhanced reception quality with two DVB-S2X tuners, supporting multistream.
- **M.2 Interface:** World-first integration of an M.2 slot for internal M.2 SSDs, enabling PVR recording and Timeshift.
- **Integrated Connectivity:** Fixed dual-band Wi-Fi (2.4/5 GHz) up to 1200 Mbps and Bluetooth 5.1 for seamless wireless connections.
- **Gigabit LAN:** Provides high-speed wired network connectivity up to 1000 Mbps.
- **4K UHD Experience:** H.265 video decoding, HDR 10-bit, and HLG support for stunning 4K picture quality.
- **PVR Recording & Timeshift:** Record programs and pause live TV using an internal M.2 SSD or external USB storage.
- **DLNA & Media Player:** Play music, photos, and videos from internal/external storage or network devices.
- **Sat>IP Client:** Convert digital TV signals to IP protocol for distribution over a home network, allowing reception without a direct satellite tuner connection.
- **Multiroom Support:** Share content and services across multiple rooms.
- **Low Power Consumption:** Less than 0.5W in standby mode.

4. SETUP

4.1 Unpacking and Contents



Figure 4: Included accessories: Receiver, remote control, power adapter, HDMI cable, batteries, and user manual. Carefully unpack the box and ensure all components are present:

- OCTAGON SF8008 Supreme Twin Receiver
- Remote Control
- Power Adapter (DC 12V)
- HDMI Cable
- 2x AAA Batteries (for remote control)
- User Manual

4.2 Connections

1. **Power Connection:** Connect the DC 12V power adapter to the receiver's power input and then to a power outlet.
2. **HDMI to TV:** Connect one end of the HDMI cable to the HDMI 2.0a output on the receiver and the other end to an HDMI input on your television.
3. **Satellite Antenna:** Connect your DVB-S2X satellite LNB cables to the corresponding LNB inputs on the

rear panel.

4. **Network Connection (Optional):** For wired network access, connect an Ethernet cable from your router to the Gigabit LAN port on the receiver. For wireless, ensure Wi-Fi antennas are attached.
5. **USB Devices (Optional):** Connect external USB storage devices to the USB 2.0 or USB 3.0 ports as needed.
6. **M.2 SSD Installation (Optional):** If you wish to install an internal M.2 SSD for recording, refer to the internal components section (2.3) and follow the specific instructions for secure installation. Ensure the device is powered off and unplugged before opening.

4.3 First Power On

After making all necessary connections, switch on the receiver using the power button on the rear panel or the front panel. The device will boot up, and you will likely be guided through an initial setup wizard to configure language, network settings, and perform a channel scan.

5. OPERATING INSTRUCTIONS

5.1 Remote Control Functions



Figure 5: The included remote control for the OCTAGON SF8008 Supreme Twin Receiver.

The remote control allows full navigation and control of the receiver's functions. Key buttons include:

- **Power:** Turns the receiver on/off or into standby.
- **Numeric Buttons (0-9):** For direct channel input.
- **Volume +/-:** Adjusts audio volume.

- **Channel +/-:** Changes channels.
- **Menu/OK/Exit:** Navigates menus and confirms selections.
- **EPG:** Accesses the Electronic Program Guide.
- **PVR/Timeshift:** Controls recording and timeshift functions.
- **Color Buttons:** Context-sensitive functions within menus.

5.2 Dual OS Switching



Sie haben die Möglichkeit jederzeit von E2 Linux OS auf DEFINE OS zu wechseln und genauso auch umgekehrt !

Figure 6: Example of the Dual OS selection screen, allowing switching between E2 Linux and Define OS. The receiver supports a multiboot function, allowing you to switch between E2 Linux OS and OCTAGON Define Linux OS. This option is typically available during boot-up or through a specific menu setting. Consult the on-screen prompts or the system settings for detailed instructions on switching between operating systems.

5.3 Channel Scan

To receive satellite channels, you must perform a channel scan. Navigate to the 'Installation' or 'Channel Search' menu in your chosen operating system. Select your satellite configuration (e.g., DiSEqC settings) and initiate a scan. The receiver supports hardware blind scan for comprehensive channel detection.

5.4 PVR and Timeshift

To utilize PVR (Personal Video Recorder) and Timeshift functions, an M.2 SSD must be installed internally or an external USB storage device connected. Once storage is detected:

- **Recording:** Press the 'Record' button on the remote during a program or schedule recordings via the EPG.
- **Timeshift:** Press the 'Pause' button during live TV to pause the broadcast. You can then resume, fast-forward, or rewind within the buffered content.

5.5 Media Playback

The receiver functions as a media player, supporting various formats from connected storage (USB, M.2 SSD) or network sources (DLNA). Access the 'Media Player' application from the main menu to browse and play your content.

5.6 Network Features

Utilize the Gigabit LAN or integrated Wi-Fi for internet access. This enables features like online media libraries, internet radio, web browsing, and plugin downloads. The Sat>IP client functionality allows you to receive satellite signals over your home network without a direct LNB connection to the receiver.

6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the receiver. Do not use liquid cleaners or abrasive materials.
- **Firmware Updates:** Regularly check for and install firmware updates to ensure optimal performance and access to new features. Updates can typically be performed via OTA (Over-The-Air) or USB.
- **Factory Reset:** If you encounter persistent issues, a factory reset can restore the receiver to its default settings. Be aware that this will erase all user configurations and installed plugins.

7. TROUBLESHOOTING

| Problem | Possible Cause | Solution |
|----------------------------|--|---|
| No power | Power cable disconnected, power outlet issue, power switch off. | Check power cable connection, try a different outlet, ensure power switch is on. |
| No signal | LNB cables loose, incorrect satellite settings, dish misalignment. | Check LNB cable connections, verify satellite configuration in settings, consult a professional for dish alignment if needed. |
| Remote control not working | Batteries depleted, IR sensor blocked, remote out of range. | Replace batteries, ensure clear line of sight to receiver's IR sensor, operate within range. |
| Network connection issues | Ethernet cable disconnected, Wi-Fi password incorrect, router issue. | Check Ethernet cable, re-enter Wi-Fi password, restart router and receiver. |
| Recording not working | No storage device, storage full, storage not formatted. | Ensure M.2 SSD or USB drive is connected and has sufficient space. Format the storage device if prompted (data will be lost). |

8. SPECIFICATIONS

- **Processor:** Hisilicon Hi3798MV200 Huawei, Quad-Core 64-bit (4 x 1.6 GHz), 15000 DMIPS
- **Flash Memory:** 8 GB eMMC
- **RAM:** 1 GB DDR4

- **Tuners:** 2 x DVB-S2X (Availink AVL62X1 and RDA5815m)
- **Video Decoding:** H.265 HEVC UHD (3840 x 2160), HDR 10-bit & HLG
- **Connectivity:**
 - Gigabit LAN (1000 Mbps)
 - Integrated Dual-Band Wi-Fi (2.4/5G up to 1200 Mbps)
 - Bluetooth 5.1
 - HDMI 2.0a Output
 - USB 3.0 Port
 - USB 2.0 Port
 - M.2 Slot (M KEY – PCIE NVME for SSD)
 - MicroSD Slot
 - S/PDIF Digital Audio Output
 - AV Jack (Audio & Video)
 - RS-232 Port
- **Power:** DC 12V, Standby Power Consumption < 0.5W
- **Dimensions (W x D x H):** 22 cm x 12.5 cm x 4 cm
- **Weight:** 950 Grams

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided with your purchase or visit the official Octagon website. Product support and software updates are typically available through the manufacturer's online resources.