User manual

Digital DVB-S / S2 +DVB-T2 / C UHDTV H.265
Receiver / IPTV / OTT Mediaplayer

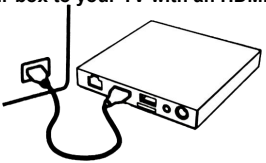
OCTAGON SF8008 V3 4K SUPREME COMBO

HIGH-DEFINITION MULTIMEDIA INTERFACE

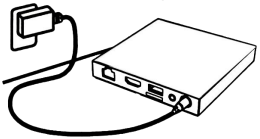
www.octagon-germany.eu

Installation Guide

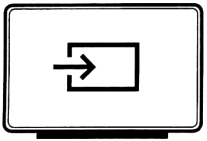
1,Connect your box to your TV with an HDMI cable



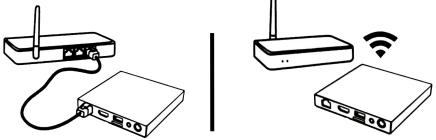
2,Connect your box to power using the power cord



3,Turn on your TV and switch to the correct HDMI input



4,Set-up your box and connect to your local network



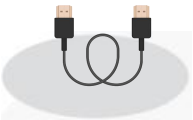
Wired Network **Wireless Network**

5,Please set up your box to enjoy the wonderful experience

What’s in the Box?

Media Receiver

Remote Control



HDMI Cable

Power Adapter

user manual

2X Batteries

CAUTION!

To avoid the risk of electric shock, do not disassemble the receiver.
There are no user-serviceable parts inside.
Refer servicing to qualified service personnel.
This receiver was manufactured in accordance with international safety standards.
Please read the following precautions carefully.

Safety Instructions and Precautions:

Products are designed to operate safely when installed and used according to the product instructions and safety practices.the guidelines included in this document explain the potential risks associated with equipment operation and provide important safety practices designed to minimize these risks,by carefully following the information contained in this document ,you can protect yourself from hazards and create a safer environment

This product is designed and tested to meet IEC62368-1,the standard for safety of information technology equipment.this also covers the implementation of IEC62368-1 based safety standards around the world.

Retain and follow all product safety and operating instructions.always refer to the documentation supplied with your equipment observe all warnings on the product and in the operating instructions

Note: read all safety information below and operating instructions before using box to avoid injury.

Warning:failure to follow these safety instructions could result in fire,electric shock or other injury or damge electrical equipment can be hazardous if misused. Operation of this product,or similar products,must always be supervised by an adult.do not allow children access to the interior of any electrical product and do no permit them to handle and cables.

- Power supply network connection (100-240V ~ 50/60Hz)
• Connect this receiver only to the type of network indicated on the label
• Unplug the receiver from the electrical outlet before beginning any maintenance or installation

- Connecting to antenna
• Disconnect the receiver from the network before connecting or disconnecting the cable from the antenna
• Failure to do so may result in damage to the receiver or antenna

- Connecting to a TV
• Unplug the receiver from the electrical outlet before connecting or disconnecting the cable from the TV
Failure to comply may result in damage to the receiver or TV

- Liquids
• The receiver must not be exposed to liquids of **ANY** kind!

- Cleaning
• Unplug the receiver from the electrical outlet before cleaning
• To remove dust, use a light damp cloth, without solvents

- Ventilation
• Do not place the receiver on furniture or carpets
• Do not place any objects on top of the receiver
• Do not restrict air circulation around the receiver

- Earthing
• The antenna cable must be grounded

- Foreign objects
• Do not insert anything through the openings in the receiver, since you can touch a hazardous voltage point or damage the receiver

- Location
• Use the receiver indoors, to avoid damaging it by weather
• Do not install the receiver near a radiator or other heat source
• Dropping the product may result in personal injury and serious damage to the receiver

- Lightning, storm
• Unplug the receiver from the wall outlet and disconnect the antenna during a lightning storm or when unused for long periods of time
• This will prevent damage to the circuit due to lightning or voltage fluctuations

- Repair
• If it is necessary to repair, it is necessary to be sure of the qualification of the service
• Unauthorized repairs can lead to additional damage

- FRONT PANEL:

- **Digital channel / time display**

Displays the current channel number or time (depending on the menu setting)

- **LED status indicator**

Displays the current status of the receiver (red / blue)

- **Receiver of IR signals**

The sensor of the IR signals from remote control

- REAR AND SIDES PANELS:

- **DVB-S2**

SAT dish connection

- **DVB-C/T2**

DVBC/C2/T2 input for connecting Cable TV or Terrestrial TV antenna

- **SPDIF**

Digital audiooutput

- **AV**

Composite AV output for TV-set connection

- **RS232**

RS232 serial port für PC Verbingung. (für Wartung & Service)

- **HDMI**

HD OUT - high quality digital audio and video output

- **ETHERNET**

Ethernet network connection 1000Mbps

- **2 USB ports** (located on two side panels)

Used to play media files, update software and work with WiFi / 3G dongles

- **SD CARD**
- **ANT1&ANT2**

WiFi external antennas

- **RECOVERY**

For recovery mode

- **DC-12V** (on the left side)

Power socket. Attention! You must use the original power adapter included in the box! Output adapter: 12 volts direct current, 2.0A

- **POWER ON/OFF**

Power switch

Installation instructions **M. 2 SSD** in **SF8008 SUPREME** *(hard disk not included)*
What you need: M. 2 SSD *(type: SSD - M KEY - PCIE NVME)*, screwdriver
Safety note: Please disconnect the receiver completely from the power supply before installing a hard disk!

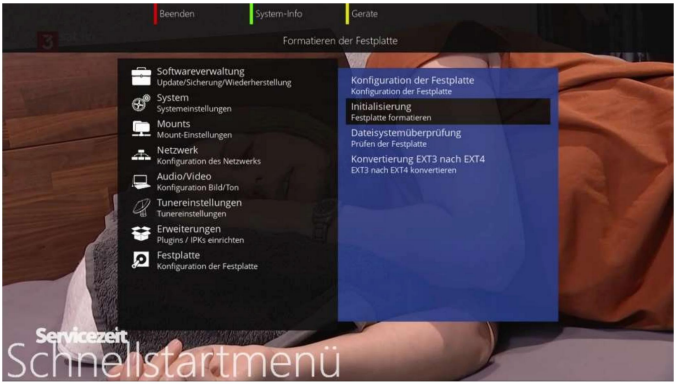
---

1. Remove the three marked screws on the back *(The warranty seal can only be removed without invalidating the warranty when installing a hard disk. Other modifications to the electronics are not permitted.)*

2. Remove the red marked screw

3. Insert the M. 2 SSD at a 30-degree angle into the appropriate slot. Press the opposite side down and attach the hard drive with the previously removed spacer screw

4. Attach the housing cover with the previously removed housing screws
5. While the TV is running, press the blue button – Select “Hard Disk” – Select “Initialization (Format Hard Disk)”



Service OCTAGON Germany
Buendtenaecker 2, D-79730 Murg
Tel: 0049-(0)7763-704484 / Fax: 0049-(0)7763-704483
F-Mail: info@octagon-germany.de
Internet: www.octagon-germany.eu / Support: www.octagon-forum.eu
WEEE-Reg.-Nr. DE 69966297

REMOTE CONTROL

Button	Function	Button	Function
⏻	On/Off STB power supply	+ PAGE -	Change channel + or -
🔇	Mute	0 ~ 9	Direct input channel number
AUDIO	Choose audio	SAT	Call satellites list
MENU	Show Main menu	EXIT	Exit to last menu
OK	Perform action	← →	For move in menu **LEFT/RIGHT**
↑ ↓	For move in menu **UP/DOWN**	EPG	Call EPG (Electronic Program Guide)
INFO	Show channel or event Information	TV/RADIO	Switch between TV and RADIO
FAV	Show Favorites list	RECALL	Last channel call
SUBTITLE	Subtitles	TEXT	Teletext mode
SLEEP	Sleep timer	REC	Press for record
F1-F4	Programmable buttons	V.FORMAT	Change screen format
OPTION	Options button	RESOLUTION	Change screen resolution
■	Stop play or record	PAUSE	Press for PAUSE
◀◀	Press for Rewind	▶▶	Press for Fast Forward

MAIN FEATURES

LINUX OS based 4K E2 digital set top box
Quad Core 64Bit(4 x 1.6GHz)15000 DMIPS
FALSH 8GB eMMC fast memory(8192Mbytes)
RAM 1GB DDR3 fast memory(1024Mbytes)
Ethernet LAN 1000Mbps network
4-digits, 7-setment LED display
USB3.0/2.0 support
Full HW support:MPEG-2, MPEG-4 AVC, H.264&H.265 HEVC
VP9: supported
KODI:embedded
Video resolutions:up to 4K/2K UHD 2160p&True 3D
1x USB 3.0 port, 1x USB 2.0 port
1x HDTV 2.0A TX with HDCP 2.2 UP TO 4k@60Hz
Dolby Digital Plus: supported
Extended EPG and program reservation on EPG
Supports PAL/NTSC systems
Parental Control
4:3 & 16:9 screen formats
Time &multi-event timer functions
Real time clock
Support: OTT/KODI/IPTV/Stalker/Xtream/Netfix/ Youtube/Weather/WEBTV
and other…

..

TECHNISCHE DATEN

Main chipset
CPU: Multi-core 64-bit high performance ARM Cortex A53 Hisilicon 3798mv200
GPU: Multi-core high-performance GPU Mali-450 GPU
Flash Memory: 4096Mbytes fast EMMC
SDRAM Memory: 1024Mbytes DDR3

Video Decode
Video Decode: H.265(HEVC/H.265) up to L4.0, H.264(ISO/IEC 14496-10) up to L4.1, MPEG-4(ISO/IEC 14496-2) up to L5, MPEG2 video(ISO/IEC 13818-2) MP@ML
Video Resolution: Maximum 4K x 2K@60 fps 10-bit

Audio Decode
Audio Decode: MPEG-1 layer I/II, MP3, MPEG-4 AAC and AAC plus(HE-AAC v.1 & v.2), DRA, Dolby Digital(AC3), Dolby Digital Plus(DD+), DTS, TureHD
Sound Mode: LEFT/RIGHT/STEREO/MONO
Sampling Frequency: 32KHz, 44.1KHz, 48KHz

AV Output
Video Bandwidth: SD: 5.0MHz(-3dB), HD:30MHz(-3dB)
Video Impedance: 75Ω
Video Voltage Level: 1.0 Vp-p
Audio Freq. Range: 20 ~20KHz
Audio Impedance: 600Ω
Audio Voltage Level:2V rms(5.6Vp-p)

Environment
Input Voltage: AC 100 ~240V, 50Hz/60Hz
Consumption: Max 20W
Standby: <1W
Temperature: 0 ~40℃
Humidity: <95 %

WIFI Module:

Wlan Standard :IEEE 802.11b/g/n
Frequency Range:2.400GHz~2.497GHz(2.4GHz ISM Band)
Number of Channels:2.4GHz CH1~CH14
Modulation:802.11b DQPSK,DBPSK CCK
802.11g/n:OFDM/64QAM 16QAM QPSK BPSK
Output Power:802.11b/11Mbps:17±2dbm@EVM≤-15db
802.11g/54Mbps:15±2dbm@EVM≤-28db
802.11n/MCS7:14±2dbm@EVM≤-30db
RX sensitivity: 802.11b/11Mbps:-85dbm
802.11g/54Mbps:-72dbm
802.11 n HT20/MCS7:-70dbm
802.11n HT40/MCS7:-66dbm
Maximum input level:802.11b/g/n:-20dbm
Maximum output level:802.11 b/g/n:20dbm

Wlan Standard :IEEE 802.11b/g/n
Frequency Range:2.400GHz~2.497GHz(2.4GHz ISM Band)
Number of Channels:2.4GHz CH1~CH14
Modulation:802.11b DQPSK,DBPSK CCK
802.11g/n:OFDM/64QAM 16QAM QPSK BPSK
Output Power:802.11b/11Mbps:17±2dbm@EVM≤-15db
802.11g/54Mbps:15±2dbm@EVM≤-28db
802.11n/MCS7:14±2dbm@EVM≤-30db
RX sensitivity: 802.11b/11Mbps:-85dbm
802.11g/54Mbps:-72dbm
802.11 n HT20/MCS7:-70dbm
802.11n HT40/MCS7:-66dbm
Wlan Standard :IEEE 802.11a/n/ac 2x2 Wifi compliant
Frequency Range:4.900GHz~5.845GHz(5.0GHz ISM Band)
Number of Channels:5.15 GHz ~5.25 GHz(36,40,44,48)
5.25 GHz ~5.35 GHz(52,56,60,64)
5.5 GHz ~5.7 GHz(100,104,108,112,116,120,124,128,132,136,140)
5.725 GHz ~5.825 GHz(149,153,157,161,165)
Modulation:802.11a OFDM/64QAM,16QAM,QPSK BPSK
802.11n:OFDM/64QAM 16QAM QPSK BPSK
802.11ac:OFDM/256QAM
Output Power:802.11a/54Mbps:15±2dbm@EVM≤-25db
802.11n HT20/MCS7:14±2dbm@EVM≤-28db
802.11n HT40/MCS7:14±2dbm@EVM≤-28db
802.11ac VHT20/MCS8:13±2dbm@EVM≤-30db
802.11ac VHT40/MCS9:13±2dbm@EVM≤-32db

Service

OCTAGON Germany
Buendtenaecker 2
D-79730 Murg
Tel: 0049-(0)7763-704484
Fax: 0049-(0)7763-704483
E-Mail: info@octagon-germany.de
Internet: www.octagon-germany.eu
Support: www.octagon-forum.eu

WEEE-Reg.-Nr. DE 69966297

www.octagon-germany.eu
www.octagon-forum.eu