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Octagon SX887

Octagon SX887 HD H.265 IP Smart TV Box User Manual

Model: SX887

INTRODUCTION

The Octagon SX887 HD H.265 IP Smart TV Box is an advanced multimedia receiver designed for an enhanced viewing experience. Featuring a dual-core ARM Cortex-A7 32-bit CPU, it delivers optimal performance with support for HDMI CEC and clear 1080p Full HD resolution at 60 frames per second. This device runs on a user-friendly Linux operating system and offers a wide range of features including YouTube, Internet Radio, media playback via USB, and compatibility with iOS and Android apps.

BOX CONTENTS

Please check the package for the following items:

- Octagon SX887 HD H.265 IP Smart TV Box
- Remote control
- Power supply
- IR receiver
- Instruction manual (German and English)
- Batteries
- HDMI Cable



Figure 1: Included accessories for the Octagon SX887. This image shows the smart TV box, remote control, power adapter, IR receiver, user manuals, batteries, and an HDMI cable.

PRODUCT OVERVIEW

Front Panel



Figure 2: Front view of the Octagon SX887. The front panel features a 4-digit, 7-segment LED display and an infrared sensor for remote control commands.

Side and Rear Panels



Figure 3: Side and rear view of the Octagon SX887. This image highlights the connectivity options including two USB 2.0 ports, an IR recovery port, HDMI 1.4b output, 10/100 Mbps LAN port, S/PDIF digital audio output, RCA A/V jack, and the DC 5V power input.

Remote Control



Figure 4: The multi-functional learning remote control for the Octagon SX887. It features standard navigation buttons, media controls, and four programmable buttons for user customization.

SETUP

1. **Connect to TV:** Use an HDMI cable to connect the HDMI OUT port on the SX887 to an HDMI IN port on your television.
2. **Connect IR Receiver:** Plug the external IR receiver into the IR port on the SX887. Position the IR receiver in a location where it has a clear line of sight to your remote control.
3. **Connect to Network (Optional):** For internet features like YouTube and Internet Radio, connect an Ethernet cable from your router to the LAN port on the SX887. Alternatively, a compatible WiFi USB adapter (not included) can be used.
4. **Power On:** Connect the provided power adapter to the DC 5V input port on the SX887, then plug the adapter into a power outlet. The device will automatically power on or enter standby mode.
5. **Initial Setup:** Follow the on-screen instructions to complete the initial setup, including language selection and network configuration.

OPERATING INSTRUCTIONS

Basic Navigation

- Use the directional buttons (up, down, left, right) on the remote control to navigate through menus.
- Press the **OK** button to confirm selections.
- Press the **MENU** button to access the main menu.
- Press the **EXIT** button to return to the previous screen or exit a menu.

Media Playback

The SX887 supports playback of MP3 files, photos, and videos from external USB storage devices. Insert your USB drive into one of the USB 2.0 ports and navigate to the media player application from the main menu to access your files.

Internet Features

Access applications like YouTube and Internet Radio directly from the main menu. Ensure your device is connected to the internet via Ethernet or a compatible WiFi adapter for these features to function.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the device. Do not use liquid cleaners or abrasive materials.
- **Ventilation:** Ensure the device has adequate ventilation. Do not cover ventilation openings or place the device in an enclosed space.
- **Software Updates:** Periodically check for software updates through the system settings menu to ensure optimal performance and access to the latest features.
- **Power Cycle:** If the device becomes unresponsive, disconnect the power adapter, wait 10 seconds, and then reconnect it.

TROUBLESHOOTING

| Problem | Possible Cause | Solution |
|----------------------------|---|---|
| No power | Power adapter not connected or faulty. | Ensure the power adapter is securely connected to the device and a working power outlet. Test the outlet with another device. |
| No picture on TV | HDMI cable loose or incorrect TV input selected. | Check HDMI cable connections. Select the correct HDMI input on your TV using the TV remote. |
| Remote control not working | Batteries are dead or IR receiver is blocked. | Replace batteries in the remote control. Ensure the IR receiver has a clear line of sight to the remote. |
| No internet connection | Ethernet cable disconnected or WiFi not configured. | Check Ethernet cable connection to router. If using WiFi, ensure the adapter is connected and network settings are correctly configured in the device menu. |

SPECIFICATIONS

| | |
|---------------------------------------|---|
| Manufacturer | Octagon |
| Item Model Number | part_B09J1CP41M |
| Product Dimensions | 12.5 x 9.5 x 2.5 cm; 490 grams |
| Brand | Octagon |
| Color | Black |
| Connectivity Technology | HDMI, USB |
| Total USB Ports | 2 |
| Audio Output Mode | Surround |
| Memory Storage Capacity | 128 MB Flash / 256 MB DDR3 RAM |
| Total HDMI Ports | 1 (HDMI 1.4b with HDCP1.4 and CEC support) |
| Compatible Devices | Television |
| Voltage | 5 Volts |
| Total Video Input/Output Ports | 2 (HDMI, RCA A/V) |
| CPU | Dual-core ARM Cortex-A7 (2 x 800 MHz), 3000 DMIPS |
| GPU | High-performance multi-core GPU |
| Operating System | Linux |
| Video Decoding | FHD 1080P H.265 HEVC |
| LAN | 10/100 Mbps |
| Standby Power Consumption | 0.5W |

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation included in your product package or visit the official Octagon website. Keep your purchase receipt as proof of purchase for warranty claims.