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Optex ORT 8930-HD

Optex ORT 8930-HD Digital TNT HD Receiver User Manual



1. INTRODUCTION

The Optex ORT 8930-HD is a digital terrestrial receiver designed to receive free-to-air digital programs broadcast in MPEG2/MPEG4 format, compatible with DVB-T2 and HEVC/H.265 standards. This device connects to your television via HDMI or SCART. It features a USB input for future software updates, multimedia file playback (photos, music, videos), and direct recording to an external USB storage device (not included).

This manual provides detailed instructions for the proper installation, operation, and maintenance of your Optex ORT 8930-HD receiver. Please read it thoroughly before use to ensure optimal performance and to prevent damage.

2. SAFETY INFORMATION

- Ensure proper ventilation around the device to prevent overheating.
- Do not expose the receiver to rain, moisture, or extreme temperatures.
- Avoid placing the device near heat sources such as radiators or stoves.
- Use only the power adapter supplied with the unit.
- Do not open the casing; refer all servicing to qualified personnel.
- Disconnect the power plug from the wall outlet during lightning storms or when unused for long periods.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x Optex ORT 8930-HD Digital Receiver
- 1 x Remote Control
- 1 x User Manual

4. PRODUCT OVERVIEW

4.1 Front Panel



Image 1: Front view of the Optex ORT 8930-HD receiver, showing the display, USB port, and control buttons.

The front panel includes a digital display for channel numbers, a USB 2.0 port for external storage, and basic control buttons (CH+, CH-, Power).

4.2 Rear Panel



Image 2: Rear view of the Optex ORT 8930-HD receiver, displaying various connectivity ports.

The rear panel provides the following connections:

- **Antenna In/Out:** IEC 9.52 mm connectors for terrestrial antenna.
- **HDMI Output:** For connecting to an HD television.
- **SCART Connector:** For connecting to older televisions.
- **S/PDIF Coaxial Audio:** Digital audio output.
- **Power Input:** For the external power adapter.

4.3 Remote Control



Image 3: The remote control unit for the Optex ORT 8930-HD receiver.

The remote control allows full operation of the receiver, including power, channel selection, volume, menu navigation, recording functions, and multimedia playback controls.

5. SETUP

5.1 Connecting the Antenna

1. Connect your terrestrial antenna cable to the "Antenna In" port on the rear panel of the receiver.
2. If you wish to loop the antenna signal to another device, connect a coaxial cable from the "Antenna Out" port to the input of the next device.

5.2 Connecting to Your Television

Choose one of the following connection methods:

- **HDMI (Recommended for HD):** Connect an HDMI cable from the "HDMI Output" port on the receiver to an available HDMI input on your television.
- **SCART:** Connect a SCART cable from the "SCART Connector" on the receiver to the SCART input on your television.

5.3 Power Connection

1. Connect the power adapter to the power input port on the receiver.
2. Plug the power adapter into a suitable wall outlet.

5.4 Initial Channel Scan

1. Turn on your television and select the correct input source (HDMI or SCART) corresponding to your connection.
2. Power on the Optex ORT 8930-HD receiver.
3. The first-time setup wizard should appear. Follow the on-screen instructions to perform an automatic channel search. This will scan for all available digital terrestrial channels in your area.
4. If the wizard does not appear, navigate to the "Menu" > "Installation" > "Automatic Search" using the remote control.

6. OPERATING INSTRUCTIONS

6.1 Basic Operation

- **Power On/Off:** Press the **POWER** button on the remote control or front panel.
- **Channel Selection:** Use the **CH+ / CH-** buttons or enter the channel number directly using the numeric keypad.
- **Volume Control:** Use the **VOL+ / VOL-** buttons.
- **Mute:** Press the **MUTE** button to temporarily silence the audio.

6.2 Channel Management

- **Automatic/Manual Search:** Access through **Menu > Installation** to rescan for channels.
- **LCN Function:** The Logical Channel Numbering (LCN) function automatically sorts channels into a logical order. This can usually be enabled/disabled in the installation menu.
- **Favorite List:** Create personalized lists of your preferred channels for quick access. Refer to the on-screen menu for instructions on adding and managing favorite channels.

6.3 Recording and Playback

To use recording and multimedia playback features, connect a USB storage device (e.g., USB flash drive or external hard drive) to the USB port on the front panel.

- **USB Recording:** Press the **REC** button on the remote control to start recording the current program. Press **STOP**

to end recording.

- **Timeshift Function:** This allows you to pause live TV and resume watching later. Activate Timeshift via the remote control (usually a dedicated button or through the menu).
- **Multimedia Playback:** Access the multimedia player via the **Menu**. You can browse and play music, photo, and video files stored on your connected USB device.

6.4 Electronic Program Guide (EPG)

Press the **EPG** button on the remote control to view the Electronic Program Guide, which displays program schedules for upcoming broadcasts.

6.5 Parental Lock

Set up a parental lock to restrict access to certain channels or programs. This feature is typically found in the **Menu** > **System Settings** > **Parental Control** section.

6.6 Timer Function

The timer function allows you to schedule the receiver to turn on/off or record a specific program at a set time. Access this feature through the **Menu**.

6.7 Software Update via USB

Periodically check the manufacturer's website for available software updates. Download the update file to a USB drive and follow the instructions in the **Menu** > **System Settings** > **Software Update** section to install it.

7. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the receiver. Do not use liquid or aerosol cleaners.
- **Ventilation:** Ensure that the ventilation slots on the device are not blocked to prevent overheating.
- **Software:** Keep the receiver's software updated to ensure optimal performance and access to the latest features.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Power cable disconnected; power outlet faulty.	Check power cable connection; try a different outlet.
No signal / No channels	Antenna not connected; incorrect input source on TV; no channel scan performed.	Check antenna connection; select correct TV input; perform an automatic channel scan.
Remote control not working	Batteries depleted; obstruction between remote and receiver.	Replace batteries; ensure clear line of sight to the receiver's IR sensor.
USB recording not working	USB device not connected or formatted incorrectly; insufficient storage space.	Ensure USB device is properly connected; format USB device (FAT32/NTFS); check available space.
Device freezes or becomes unresponsive	Temporary software glitch.	Disconnect power for a few seconds, then reconnect. If problem persists, check for software updates.

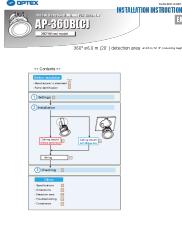
9. SPECIFICATIONS

Feature	Detail
Model	ORT 8930-HD
Brand	Optex
Tuner Type	Terrestrial (DVB-T2)
Video Decoding	HEVC/H.265, MPEG-2.5
Connectivity	1x HDMI, 1x SCART, 1x USB 2.0, 1x S/PDIF Coaxial Audio, Antenna In/Out
Channel Capacity	Over 1000 channels
Recording	External USB media (PVR function)
Multimedia Playback	Music, Photos, Videos
Special Features	Timeshift, EPG, Parental Lock, Favorite List, Multi-language Menu, LCN, 5V Antenna Power, Timer Function, Dolby Digital+ compatible
Audio Output Mode	[SOM]
Speaker Surround Sound Configuration	5.1
Power Output	5 Watts
Product Weight	600 g

10. WARRANTY AND SUPPORT

Specific warranty information is not provided within this manual. Please refer to the warranty card included with your purchase, contact your retailer, or visit the official Optex website for detailed warranty terms and conditions.

For technical support or service inquiries, please contact your local Optex distributor or the customer service department as indicated on the product packaging or manufacturer's website.

	<p>OPTEX ORT 8910 HD Remote Control: Original vs. Replacement Functionality Comparison</p> <p>Detailed comparison of button functions between the original OPTEX ORT 8910 HD remote control and its replacement model, including key mappings for TV, media, and navigation.</p>
	<p>OPTEX iVISION+ Wireless Video Intercom User Manual</p> <p>User manual for the OPTEX iVISION+ wireless video intercom system, covering features, setup, operation, settings, troubleshooting, and FAQs. Learn how to install, use, and maintain your wireless video intercom.</p>
	<p>OPTEX OVS-02GT Virtual Loop Surface Mount Vehicle Detection Sensor Installation Instructions</p> <p>Comprehensive installation instructions for the OPTEX OVS-02GT Virtual Loop surface mount vehicle detection sensor. Learn about its microwave technology, app-based settings, installation procedures, and troubleshooting for gate systems.</p>
	<p>OVS-02GT Sensor Programming Quick Start Guide for Android</p> <p>Step-by-step guide to programming the Optex OVS-02GT sensor using the Android Virtual Loop app, including calibration and application settings.</p>
	<p>OPTEX AP-360B(C) PIR Detector Installation Instructions</p> <p>Comprehensive installation guide for the OPTEX AP-360B(C) 360° Wired Indoor Recessed Mount PIR Detector, covering setup, wiring, specifications, and troubleshooting.</p>
	<p>Optex SMDC-16 Programming Manual</p> <p>A comprehensive programming manual for the Optex SMDC-16 Digital Control Communicator and SMPC-32 Personal Control. It details system configuration, zone setup, receiver options, system features, report codes, and downloading procedures.</p>