

ZEHNDER HX 2300

Zehnder HX 2300 VFD Satellite Receiver User Manual

Model: HX 2300 VFD

1. INTRODUCTION

The Zehnder HX 2300 VFD is a digital satellite receiver designed to deliver high-definition satellite television in brilliant Full HD quality. This receiver features pre-installed channel lists for Astra & Hotbird, ensuring a quick and easy setup. It includes modern functionalities such as PVR recording, Timeshift, Unicable support, and EasyFind technology for an enhanced viewing experience.

This manual provides detailed instructions for the proper installation, operation, and maintenance of your Zehnder HX 2300 VFD satellite receiver.

2. PACKAGE CONTENTS

Before proceeding with the installation, please verify that all items are present in the package:

- Zehnder HX 2300 VFD Satellite Receiver
- Learnable Remote Control
- Power Adapter
- Quick Start Guide (German and English)

LIEFERUMFANG



Image 2.1: Overview of the Zehnder HX 2300 VFD Satellite Receiver and its included accessories.

3. SETUP

3.1 Connecting the Receiver

Follow these steps to connect your Zehnder HX 2300 VFD satellite receiver to your television and satellite dish:

1. **Satellite Antenna Connection:** Connect your satellite dish cable to the 'ANT IN' port on the rear panel of the receiver.
2. **Video Output (HDMI):** For high-definition viewing, connect an HDMI cable from the 'HDMI OUT' port on the receiver to an available HDMI input on your television.
3. **Video Output (SCART):** For older televisions, connect a SCART cable from the 'SCART OUT' port on the receiver to the SCART input on your television.
4. **Audio Output (Coaxial):** For digital audio output, connect a coaxial audio cable from the 'COAXIAL' port to your audio system.
5. **USB Device:** If you plan to use PVR recording or multimedia playback, connect a USB storage device

(e.g., USB stick or external hard drive) to the 'USB 2.0' port.

6. **Power Connection:** Connect the power adapter to the 'AC 100-240V' input on the receiver and then plug it into a wall outlet. Ensure the power switch on the rear panel is in the 'OFF' position before connecting power.

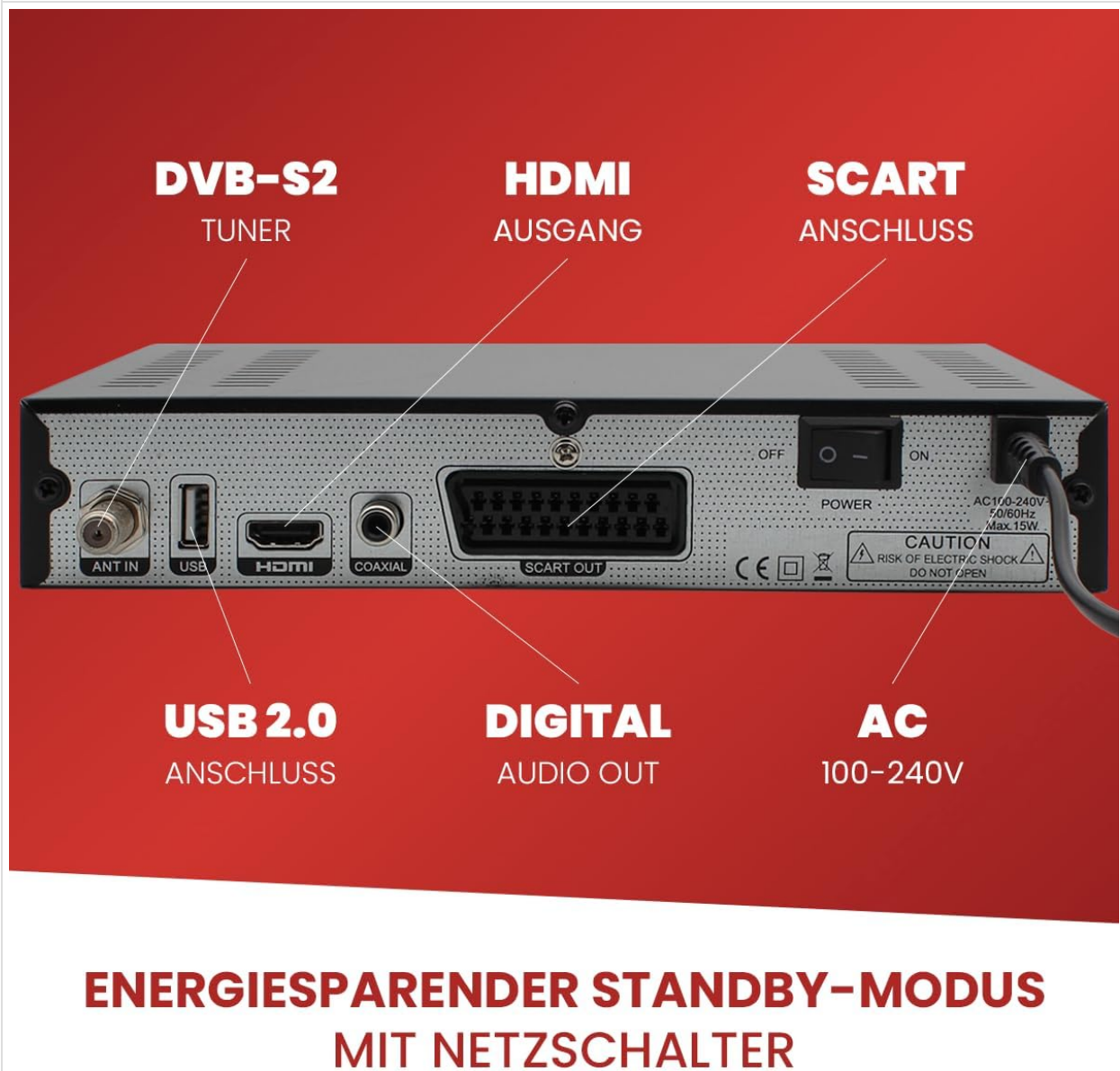


Image 3.1: Rear panel connections of the Zehnder HX 2300 VFD receiver.

3.2 Initial Power On and Channel Scan

The Zehnder HX 2300 VFD receiver comes with pre-programmed channel lists for Astra & Hotbird satellites, facilitating a quick setup. After connecting all cables:

1. Switch the power button on the rear panel to the 'ON' position.
2. Turn on your television and select the correct HDMI or SCART input.
3. The receiver should power on and display the initial setup wizard or a pre-programmed channel.
4. If prompted, follow the on-screen instructions to perform a channel scan. The 'EasyFind' technology assists in quickly locating satellite signals.
5. The receiver supports Unicable (Single Cable Solution, DOCS), allowing multiple receivers to operate via a single satellite line. Refer to the on-screen menu for Unicable configuration if applicable to your setup.

4. OPERATING INSTRUCTIONS

4.1 Basic Operation

Use the provided remote control to navigate the receiver's functions.



Image 4.1: Zehnder HX 2300 VFD receiver and its remote controls.

- **Power On/Off:** Press the **POWER** button on the remote control.
- **Channel Selection:** Use the **CH+ / CH-** buttons or the numeric keypad to change channels.
- **Volume Control:** Use the **VOL+ / VOL-** buttons to adjust the volume.
- **Menu Navigation:** Press the **MENU** button to access the main menu. Use the arrow keys and **OK** button to navigate.
- **VFD Display:** The alphanumeric VFD (Vacuum Fluorescent Display) on the front panel shows channel names and important information clearly.

PVR-FUNKTION & TIMESHIFT

NIE WIEDER SENDUNGEN VERPASSEN!



SOFTWARE-UPDATE ÜBER USB

UNICABLE-UNTERSTÜTZUNG

Image 4.2: Front panel features of the Zehnder HX 2300 VFD receiver.

4.2 PVR Recording and Timeshift

The receiver supports PVR (Personal Video Recorder) functionality and Timeshift when a USB storage device is connected.

- **PVR Recording:** To record a program, press the **REC** button on the remote control. Ensure a USB device is connected and has sufficient free space.
- **Timeshift:** To pause live television, press the **PAUSE** button. You can then rewind or fast-forward through the buffered content.

4.3 Multimedia Playback

The USB 2.0 port allows you to play various multimedia files directly from a connected USB storage device.

- Connect your USB device to the receiver.
- Navigate to the multimedia menu using the remote control.
- Select the desired video, music, or photo file to play.
- Supported audio formats include AAC-LC and MP3. Supported image format is JPEG.

4.4 Learnable Remote Control

The included remote control features a learnable function, allowing it to control both the receiver and your

television, reducing the need for multiple remotes.



Image 4.3: Learnable remote control for TV and receiver.

Refer to the Quick Start Guide for detailed instructions on how to program the learnable functions of the remote control.

5. MAINTENANCE

To ensure the longevity and optimal performance of your Zehnder HX 2300 VFD satellite receiver, follow these general maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the receiver. Do not use liquid cleaners or abrasive materials, as they may damage the surface.
- **Ventilation:** Ensure the receiver is placed in a well-ventilated area. Do not block the ventilation openings on the top or sides of the unit.
- **Power Off:** When not in use for extended periods, or before cleaning, switch off the receiver using the rear power switch and unplug it from the power outlet. The receiver also features an energy-saving standby mode with automatic shutdown.
- **Software Updates:** Periodically check for software updates via the USB port. Refer to the manufacturer's website for available updates and instructions.

6. TROUBLESHOOTING

If you encounter issues with your Zehnder HX 2300 VFD receiver, consult the following troubleshooting tips:

- **No Power:**
 - Ensure the power adapter is securely connected to both the receiver and a working power outlet.
 - Check that the power switch on the rear panel is in the 'ON' position.
- **No Picture/Sound:**
 - Verify that the HDMI or SCART cable is correctly connected to both the receiver and the television.
 - Ensure your television is set to the correct input source (e.g., HDMI 1, AV).
 - Check the satellite antenna connection ('ANT IN').
 - Perform a channel scan if channels are missing or signal quality is poor.
- **Remote Control Not Working:**
 - Check and replace the batteries in the remote control.
 - Ensure there are no obstructions between the remote control and the receiver's infrared sensor.
- **PVR Recording Issues:**
 - Ensure a compatible USB storage device is connected and properly formatted.
 - Check for sufficient free space on the USB device.

If the problem persists after trying these solutions, please contact customer support.

7. SPECIFICATIONS

| Feature | Specification |
|-------------------------|--------------------------------|
| Brand | ZEHNDER |
| Model Number | HX 2300 |
| Color | Black |
| Product Dimensions | 13.2D x 22W x 3.5H centimeters |
| Item Weight | 469 Grams |
| Connectivity Technology | HDMI, SCART, USB |
| Compatible Devices | Television (TV) |
| Total USB Ports | 1 |
| Total HDMI Ports | 1 |
| Audio Output Mode | Stereo |
| Supported Audio Formats | AAC, MP3 |




| Feature | Specification |
|-----------------------------------|---------------------------|
| Manufacturer | DOCS Technologie GmbH |
| Software Updates Guaranteed Until | Information not available |
| Spare Parts Availability | Information not available |

8. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation included with your product or visit the official Zehnder website. Keep your purchase receipt as proof of purchase for any warranty claims.

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Related Documents - HX 2300

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|---|---|
|  | <p>Zehnder HX-2200 Digital HD Satellite Receiver User Manual</p> <p>Comprehensive user manual for the Zehnder HX-2200 Digital HD Satellite Receiver, covering setup, installation, features, and troubleshooting. Learn how to install, configure, and operate your satellite receiver for optimal viewing.</p> |
|  | <p>Zehnder EVO 3: High-Efficiency Ventilation Unit - Technical Specifications and Features</p> <p>Discover the Zehnder EVO 3, a highly efficient mechanical ventilation unit with double flow control and constant airflow. This document details its features, benefits, installation, technical specifications, and accessories for optimal indoor climate control.</p> |
|  | <p>Zehnder EVO: Augstas efektivitātes siltuma rekuperācijas ventilācijas sistēmas</p> <p>Iepazīstieties ar Zehnder EVO sēriju – īpaši plānām, augstas efektivitātes siltuma rekuperācijas ventilācijas iekārtām, kas paredzētas elastīgām, vietu taupošām instalācijām dzīvojamās ēkās, nodrošinot veselību, ilgtspēju, komfortu un energoefektivitāti.</p> |

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|  | <p>Zehnder EVO 2: Augstas Efektivitātes Ventilācijas Iekārtas Tehniskie Dati</p> <p>Detalizēts pārskats par Zehnder EVO 2 ventilācijas iekārtu, ietverot tās galvenās iezīmes, uzstādīšanas norādījumus, tehniskās specifikācijas, akustiskos datus un energoefektivitātes klases.</p> |
|  | <p>Zehnder EVO: Intelligentne soojustagastusega ventilatsioon elamutele</p> <p>Tutvuge Zehnder EVO seeriaga – kompaktsete, energiatõhusate ja intelligentse juhtimisega soojustagastusega ventilatsiooniseadmetega elamutesse. Tagab optimaalse siseõhu kvaliteedi, mugavuse ja jätkusuutlikkuse.</p> |
|  | <p>Zehnder EVO 4 Ventilation Unit - Technical Specifications and Features</p> <p>Comprehensive overview of the Zehnder EVO 4, a mechanical ventilation unit with heat recovery. Details features, benefits, installation, technical specifications, and accessories for optimal indoor climate control.</p> |