

TechniSat HD-C 232

TechniSat HD-C 232 Digital Cable Receiver User Manual

Model: HD-C 232

1. INTRODUCTION

Thank you for choosing the TechniSat HD-C 232 Digital Cable Receiver. This compact DVB-C receiver is designed for receiving unencrypted digital television and radio programs via cable. It offers high-definition (HDTV) picture quality and features an integrated USB media player and an Electronic Program Guide (EPG). This manual provides essential information for setting up, operating, and maintaining your device.

Key Features:

- Compact DVB-C receiver for unencrypted digital TV and radio.
- High-Definition Television (HDTV) support.
- Integrated USB media player for video, music, and image files.
- Electronic Program Guide (EPG) with up to 7 days of program preview.
- Remote control with 4 programmable learning keys.
- HDMI and Scart connectivity for versatile TV connections.

2. SAFETY INFORMATION

Please read all safety instructions carefully before using the device. Keep this manual for future reference.

- **Power Supply:** Use only the provided external power supply. Ensure the voltage matches your local power grid.
- **Ventilation:** Do not block ventilation openings. Ensure adequate airflow around the device to prevent overheating.
- **Moisture:** Do not expose the device to rain, moisture, or liquids.
- **Cleaning:** Disconnect the power before cleaning. Use a dry, soft cloth. Do not use liquid or aerosol cleaners.
- **Servicing:** Do not attempt to service this product yourself. Refer all servicing to qualified service personnel.
- **Placement:** Place the device on a stable, flat surface. Avoid placing it near heat sources or in direct sunlight.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- TechniSat HD-C 232 Digital Cable Receiver
- Remote Control with 4 learning keys
- External Power Supply
- Batteries for the remote control
- User Manual

4. PRODUCT OVERVIEW

4.1 Front Panel

The front panel of the HD-C 232 features essential controls and indicators.



Image 4.1: Front view of the TechniSat HD-C 232 receiver. It shows the HDMI logo, a USB port, a green indicator light, a 4-digit display, and channel/power buttons.

- **USB Port (Front):** For connecting USB storage devices for media playback.
- **Display:** A 4-digit segment display shows the current channel number or time in standby mode.
- **Indicator Light:** Indicates power status.
- **Control Buttons:** Channel up/down and power on/off buttons.

4.2 Rear Panel

The rear panel provides all necessary connection ports for your television and cable network.

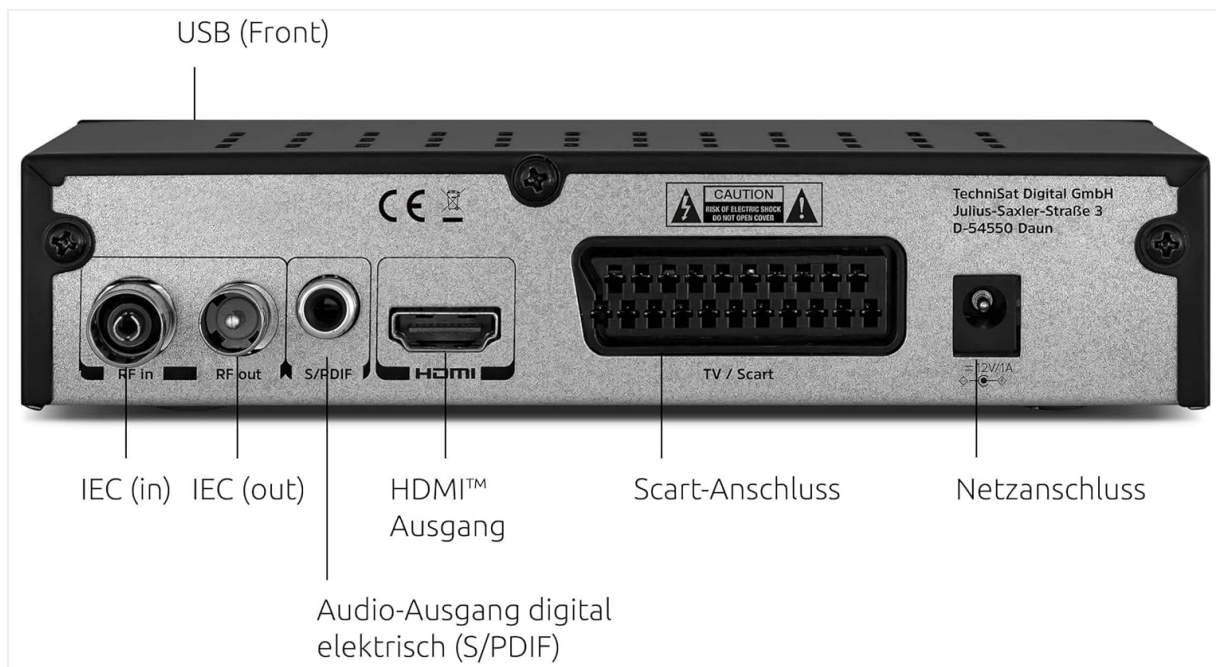


Image 4.2: Rear view of the TechniSat HD-C 232 receiver, showing various connection ports. From left to right: RF In, RF Out, S/PDIF (digital electrical audio out), HDMI Out, Scart (TV/Scart), and Power Input.

- **RF In:** Connects to your cable wall outlet.
- **RF Out (LoopThrough):** Allows passing the cable signal to another receiver or TV.
- **S/PDIF (Digital Electrical Audio Out):** For connecting to an audio amplifier or home cinema system.
- **HDMI Out:** Connects to your television for high-definition video and audio.
- **Scart (TV/Scart):** For connecting to older televisions or VCRs.
- **Power Input:** Connects to the external power supply.

4.3 Remote Control

The included remote control provides full functionality for your receiver, including 4 programmable learning keys.

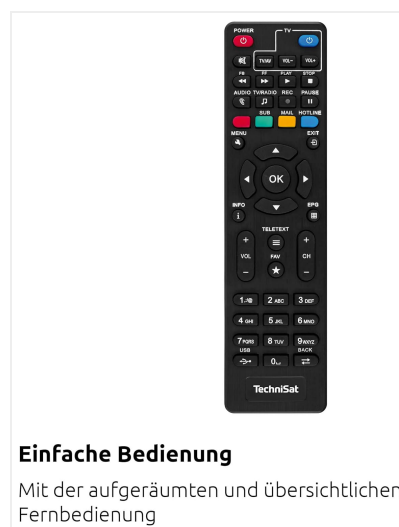


Image 4.3: The remote control for the TechniSat HD-C 232 receiver, featuring various buttons for power, volume, channel, menu navigation, EPG, and media playback.

Refer to the remote control section in Operating Instructions for details on its functions and how to use the learning keys.

5. SETUP

Follow these steps to connect your TechniSat HD-C 232 receiver and perform the initial setup.

5.1 Connecting the Receiver

1. **Cable Connection:** Connect your cable network's antenna cable to the **RF In** port on the rear of the receiver.



Image 5.1: Illustration showing a cable connected to a receiver, representing the cable network connection.

2. **TV Connection (HDMI):** Connect an HDMI cable (not included) from the **HDMI Out** port on the receiver to an HDMI input on your television.
3. **TV Connection (Scart - Optional):** If your TV does not have an HDMI input, connect a Scart cable from the **Scart** port on the receiver to the Scart input on your television.
4. **Audio System Connection (Optional):** For enhanced audio, connect an S/PDIF cable from the **S/PDIF** port on the receiver to your audio amplifier or home cinema system.
5. **Power Connection:** Connect the external power supply to the **Power Input** on the receiver, then plug the power supply into a wall outlet.

5.2 Initial Setup and Channel Scan

1. Turn on your television and select the correct HDMI or Scart input source.
2. Turn on the TechniSat HD-C 232 receiver using the power button on the front panel or the remote control.
3. The receiver will likely guide you through an initial setup wizard. Follow the on-screen instructions.
4. During the setup, you will be prompted to perform a channel scan. Select "Automatic Channel Scan" to find all available unencrypted digital cable channels. This process may take several minutes.
5. Once the scan is complete, save the channels. Your receiver is now ready for use.

6. OPERATING INSTRUCTIONS

6.1 Basic TV Viewing

- **Channel Selection:** Use the **CH+** and **CH-** buttons on the remote control or front panel to change channels. You can also enter channel numbers directly using the numeric keypad on the remote.
- **Volume Control:** Use the **VOL+** and **VOL-** buttons on the remote control to adjust the volume.
- **Mute:** Press the **MUTE** button to temporarily silence the audio.

6.2 Using the Electronic Program Guide (EPG)

The EPG provides a detailed overview of current and upcoming programs for up to seven days.



Image 6.1: Icon representing the Electronic Program Guide (EPG) feature.

- Press the **EPG** button on your remote control to access the Electronic Program Guide.
- Navigate through channels and program times using the arrow keys.
- Select a program to view detailed information (if available).
- Press **EXIT** to leave the EPG.

6.3 USB Media Player

The integrated USB media player allows you to play video, music, and image files from a connected USB storage device.



USB-Mediaplayer

Für Video-, Musik- und Bilddateien

Image 6.2: Icons representing the USB media player's capabilities for playing video, music, and image files.

1. Insert a USB storage device (e.g., USB stick, external hard drive) into the USB port on the front panel of the receiver.
2. Access the media player function via the main menu or a dedicated button on the remote control (if available).
3. Navigate through your files and folders using the remote control.
4. Select a file to play. The receiver supports common video (MPEG-2, H.264), audio, and image formats.

6.4 Remote Control Learning Function

The remote control has 4 programmable learning keys that can be assigned functions from another remote control (e.g., your TV remote's power, volume, or input selection).

To program a learning key:

1. Place the TechniSat remote control and the remote control to be learned from head-to-head (infrared emitters facing each other) at a distance of about 1-3 cm.
2. Enter the learning mode on the TechniSat remote (refer to your remote's specific instructions, usually by holding a specific button for a few seconds).
3. Press the learning key on the TechniSat remote that you wish to program.
4. Press the corresponding button on the other remote control whose function you want to copy.
5. The TechniSat remote will indicate successful learning (e.g., an LED flashes). Repeat for other keys.
6. Exit the learning mode.

7. MAINTENANCE

Proper care ensures the longevity of your TechniSat HD-C 232 receiver.

- **Cleaning:** Disconnect the receiver from the power outlet before cleaning. Use a soft, dry, lint-free cloth to wipe the exterior. Do not use abrasive cleaners, waxes, or solvents.
- **Ventilation:** Regularly check that the ventilation slots are not obstructed by dust or debris.
- **Storage:** If storing the device for an extended period, disconnect it from power and store it in a cool, dry place.

8. TROUBLESHOOTING

If you encounter issues with your receiver, refer to the following common problems and solutions.

Problem	Possible Cause	Solution
No power	Power cable not connected; power outlet faulty; power supply unit faulty.	Check power cable connection. Try a different power outlet. Ensure the external power supply is correctly connected.
No picture or sound	Incorrect TV input selected; HDMI/Scart cable loose or faulty; no signal from cable network.	Select the correct HDMI/Scart input on your TV. Check all cable connections. Ensure the cable network is active and connected to the receiver's RF In. Perform a channel scan.

Problem	Possible Cause	Solution
Remote control not working	Batteries depleted or incorrectly inserted; infrared sensor blocked; remote control faulty.	Replace batteries. Ensure batteries are inserted with correct polarity. Remove any obstructions between the remote and receiver.
USB media not playing	USB device not recognized; file format not supported; USB device faulty.	Ensure the USB device is properly inserted. Check if the file format is supported (MPEG-2, H.264 for video). Try a different USB device.
Poor picture quality	Weak cable signal; faulty cable connection; TV settings.	Check cable connections. Contact your cable provider if signal strength is consistently low. Adjust TV picture settings.

9. SPECIFICATIONS

Feature	Detail
Brand	TechniSat
Model	HD-C 232
Model Number	0000/4830
Color	Black
Tuner Type	DVB-C (Digital Cable)
Video Encoding	MPEG-2 MP@HL/ML, H.264/MPEG-4 AVC
Connections	1x HDMI Out, 1x Scart, 1x USB 2.0 (front), 1x RF In, 1x RF Out (LoopThrough), 1x S/PDIF (Digital Electrical Audio Out)
Total USB Ports	1
Total HDMI Ports	1
Special Features	Electronic Program Guide (EPG), USB Media Player, Remote Control with Learning Function
Compatible Devices	Television
Audio Output Mode	Surround (5.1, 7.1 channel configuration)
Dimensions (W x H x D)	16.9 cm x 4 cm x 10.3 cm



Image 9.1: Diagram showing the dimensions of the TechniSat HD-C 232 receiver: 16.9 cm width, 4 cm height, and 10.3 cm depth.

10. WARRANTY AND SUPPORT

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

Manufacturer: TechniSat Digital GmbH

Country of Origin: France

Related Documents - HD-C 232

 <p>TechniSat HD-S 261</p>	<p>TechniSat HD-S 261 Bedienungsanleitung</p> <p>Eine umfassende Anleitung für den TechniSat HD-S 261 HDTV-Satellitenreceiver, die Installation, Bedienung, Einstellungen und Fehlerbehebung abdeckt.</p>
 <p>TechniSat TECHNIBOX UHD S</p>	<p>TechniSat TECHNIBOX UHD S Kurzanleitung & Bedienungshandbuch</p> <p>Umfassende Anleitung für den TechniSat TECHNIBOX UHD S Satellitenreceiver, die Installation, Bedienung, Funktionen und Fehlerbehebung abdeckt.</p>
 <p>Bedienungsanleitung TECHNIMAX AS1 TechniSat</p>	<p>TechniSat TECHNIMAX AS1 Akku-Staubsauger Bedienungsanleitung</p> <p>Umfassende Bedienungsanleitung für den TechniSat TECHNIMAX AS1 Akku-Staubsauger. Enthält Anleitungen zur Installation, Bedienung, Reinigung, Wartung, Sicherheitshinweise und Fehlerbehebung.</p>
 <p>TechniSat</p>	<p>TechniSat 3-Year Warranty Conditions</p> <p>Detailed warranty conditions for TechniSat Digital GmbH products, including registration, claim process, and exclusions. Covers 3-year warranty for products purchased within the EU and Switzerland.</p>

	<p>DIGITRADIO 217: Instrukcja obsługi radia DAB+/FM z Bluetooth i budzikiem</p> <p>Przewodnik użytkownika dla TechniSat DIGITRADIO 217, szczegółowo opisujący funkcje radia DAB+/FM, strumieniowe przesyłanie dźwięku Bluetooth, ustawienia budzika i obsługę.</p>
	<p>TechniSat DIGITRADIO 140 Instruction Manual</p> <p>Comprehensive instruction manual for the TechniSat DIGITRADIO 140, covering setup, operation, features like Internet Radio, DAB+, FM, Bluetooth, CD/MP3 playback, and troubleshooting.</p>