

Technisat 0001/3249

TechniSat TechniSystem 5/8 G2 Multi Switch User Manual

Model: 0001/3249

1. INTRODUCTION AND OVERVIEW

The TechniSat TechniSystem 5/8 G2 Multi Switch is an RF splitter designed to distribute satellite signals from a single orbit position to multiple receivers. This device allows you to connect up to eight participants (receivers/televisions) to a satellite system, providing access to TV and radio programs.

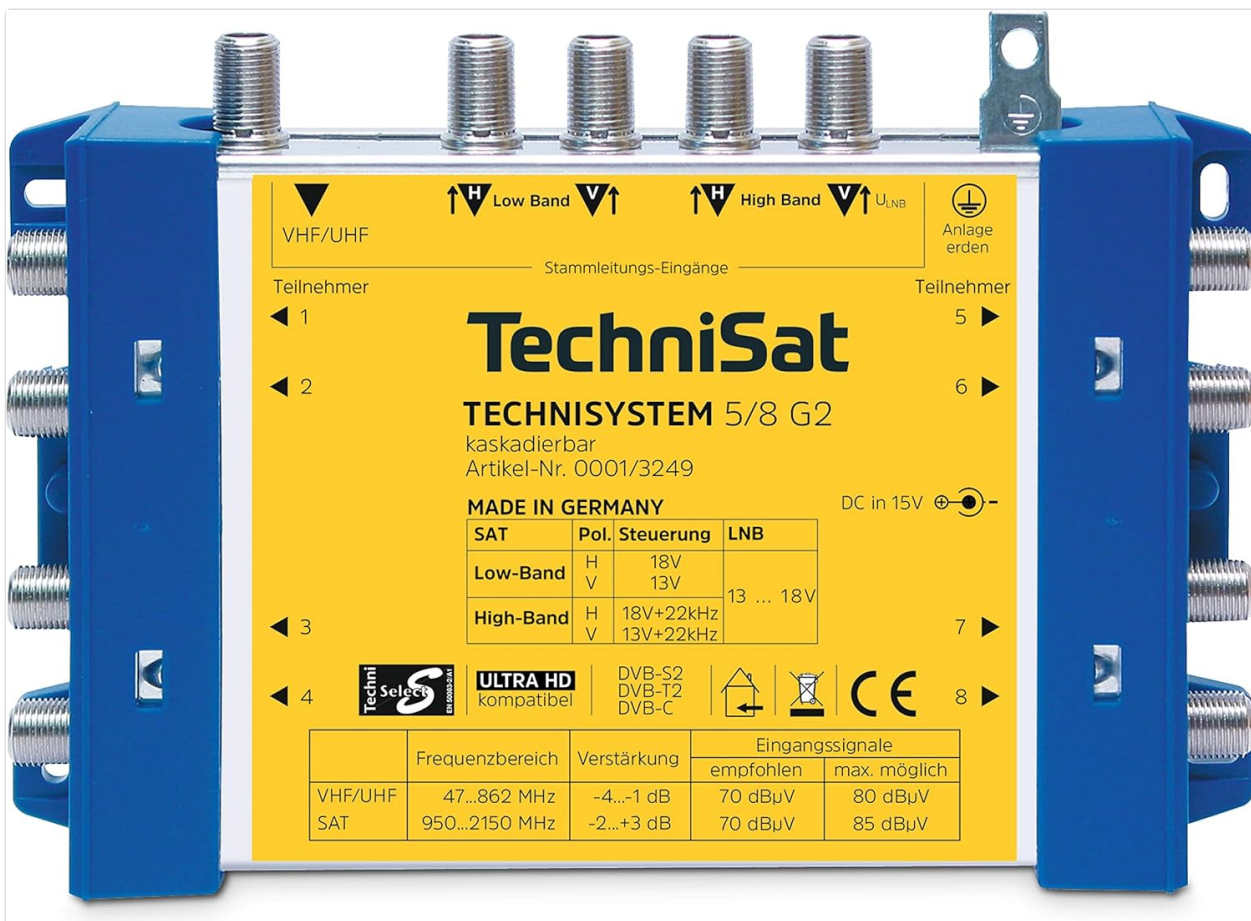


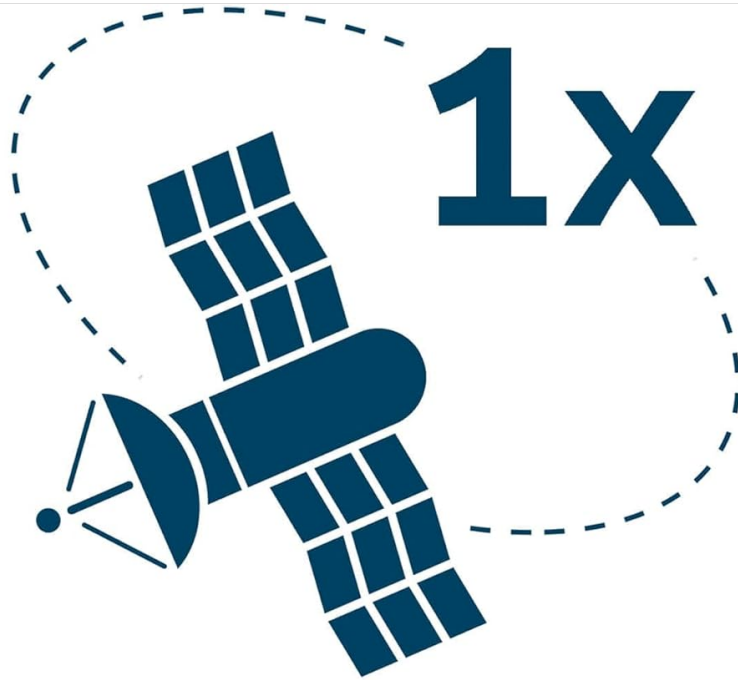
Image 1.1: The TechniSat TechniSystem 5/8 G2 Multi Switch. This image displays the front panel of the multi-switch, showing the input ports for VHF/UHF, Low Band, and High Band satellite signals, along with eight output ports for connecting individual receivers. Technical specifications regarding frequency range and amplification are also visible.



Viele Teilnehmer

Sie können viele Receiver/Fernseher mit TV- und Radioprogrammen versorgen.

Image 1.2: Multiple Participants. This graphic illustrates the capability of the multi-switch to serve many receivers or televisions with TV and radio programs simultaneously.



1 Orbitposition

Mit diesem Multischaltersystem können die Signale eines Satelliten verteilt werden.

Image 1.3: One Orbit Position. This graphic depicts a satellite and the number '1x', indicating that the multi-switch system is designed to distribute signals from a single satellite orbit position.

2. SAFETY INFORMATION

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

- **Electrical Safety:** Ensure the power supply is disconnected before making any connections. Only use the provided power supply unit.
- **Ventilation:** Do not block ventilation openings. Ensure adequate airflow around the device to prevent overheating.
- **Moisture:** Do not expose the device to rain or moisture. Operate only in dry indoor environments.
- **Grounding:** Proper grounding of the multi-switch and the entire satellite system is essential for safety and optimal performance. Refer to local electrical codes for grounding requirements.
- **Warranty:** The manufacturer's warranty for this product may differ from standard warranties in some regions. Please consult your local distributor or the manufacturer's website for specific warranty terms.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- TechniSat TechniSystem 5/8 G2 Multi Switch
- Power Supply Unit

4. SETUP AND INSTALLATION

Follow these steps for proper installation of your TechniSat TechniSystem 5/8 G2 Multi Switch:

1. **Mounting:** Choose a suitable, dry, and well-ventilated location for mounting the multi-switch. Ensure it is easily accessible for connections.
2. **Grounding:** Connect the grounding terminal of the multi-switch to a reliable ground point using appropriate grounding cable. This is crucial for lightning protection and electrical safety.
3. **LNB Connections:** Connect the LNB cables from your satellite dish to the designated SAT input ports on the multi-switch. The main product image (Image 1.1) shows inputs for 'Low Band' and 'High Band' satellite signals. Ensure correct polarity (Horizontal/Vertical) if applicable to your LNB type.
4. **VHF/UHF Connection (Optional):** If you are integrating terrestrial antenna signals, connect your VHF/UHF antenna cable to the dedicated VHF/UHF input port on the multi-switch.
5. **Receiver Connections:** Connect your satellite receivers or televisions to the 'Teilnehmer' (Participant) output ports (1 through 8) using coaxial cables.
6. **Power Supply:** Connect the provided power supply unit to the DC 15V input on the multi-switch. Then, plug the power supply into a suitable electrical outlet.
7. **Cable Management:** Secure all cables to prevent accidental disconnections and maintain a tidy installation.

5. OPERATING INSTRUCTIONS

Once the TechniSat TechniSystem 5/8 G2 Multi Switch is correctly installed and powered, it operates automatically. The primary operation involves configuring your connected satellite receivers:

1. **Receiver Configuration:** On each connected satellite receiver or television with an integrated satellite tuner, access the setup menu.
2. **Satellite Settings:** Select the correct satellite (e.g., Astra 19.2°E) that your dish is pointed to.
3. **LNB Type:** Configure the LNB type (e.g., Universal LNB) and LNB power settings as required by your LNB. The multi-switch provides the necessary voltage (13V/18V) and 22kHz tone for LNB control.
4. **Channel Scan:** Perform an automatic or manual channel scan on each receiver to find available TV and radio programs.

The multi-switch will automatically route the selected satellite and terrestrial signals to the respective receiver.

6. MAINTENANCE

The TechniSat TechniSystem 5/8 G2 Multi Switch requires minimal maintenance to ensure long-term performance:

- **Cleaning:** Periodically clean the exterior of the device with a soft, dry cloth. Do not use liquid cleaners or solvents.
- **Cable Inspection:** Regularly check all connected cables for any signs of damage or loose connections.
- **Environmental Conditions:** Ensure the device remains in a dry, well-ventilated area, away from direct

sunlight, extreme temperatures, and sources of moisture.

7. TROUBLESHOOTING

If you encounter issues with your TechniSat TechniSystem 5/8 G2 Multi Switch, refer to the following common problems and solutions:

- **No Signal / Poor Signal Quality:**
 - **Check Power:** Ensure the multi-switch power supply is securely connected and the unit is receiving power.
 - **Check Connections:** Verify all LNB, terrestrial, and receiver cables are securely connected to the correct ports on the multi-switch and the respective devices.
 - **Receiver Settings:** Confirm that your satellite receiver's settings (satellite, LNB type, LNB power) are correctly configured.
 - **Dish Alignment:** Ensure your satellite dish is correctly aligned to the desired satellite.
 - **Cable Integrity:** Inspect coaxial cables for damage or kinks.
- **Only Some Channels Available:**
 - This may indicate an issue with specific LNB inputs (Low Band/High Band) or receiver settings. Double-check LNB connections and receiver configuration for the affected channels.
- **Interference:**
 - Ensure all connections are tight and properly shielded. Check for nearby electronic devices that might cause interference.

If problems persist after following these steps, contact TechniSat customer support or a qualified technician.

8. SPECIFICATIONS

Key technical specifications for the TechniSat TechniSystem 5/8 G2 Multi Switch (Model: 0001/3249):

Feature	Specification
Model Number	0001/3249
Brand	TechniSat
Inputs	5 SAT (4x H/V, Low/High Band), 1x Terrestrial (VHF/UHF)
Outputs	8 (for participants/receivers)
Frequency Range (VHF/UHF)	47 - 862 MHz
Frequency Range (SAT)	950 - 2150 MHz
Amplification (VHF/UHF)	-4 ... -1 dB
Amplification (SAT)	-2 ... +3 dB
Recommended Input Level (VHF/UHF)	70 dBµV
Maximum Input Level (VHF/UHF)	80 dBµV

Feature	Specification
Recommended Input Level (SAT)	70 dBμV
Maximum Input Level (SAT)	85 dBμV
LNB Control	13V / 18V, 22kHz
Compatible Devices	Grounding angle: 8, Technical system 5/8 K (waterfall)
Specific Uses For Product	TV
Connector Type	Component (F-type connectors for satellite/terrestrial)
Color	Neutral (Blue/Yellow housing)
Package Dimensions	10.31 x 5.28 x 2.17 inches
Item Weight	1.23 pounds
Date First Available	August 6, 2012

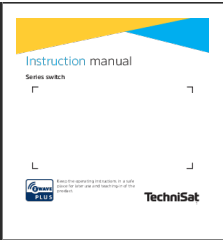

9. WARRANTY AND SUPPORT





For warranty information, please refer to the documentation provided with your purchase or visit the official TechniSat website. The manufacturer's warranty for this product may vary by region.

For technical support, troubleshooting assistance beyond this manual, or inquiries regarding spare parts, please contact TechniSat customer service directly. You can usually find contact information on the TechniSat website or in your product packaging.

Manufacturer: TechniSat

Related Documents - 0001/3249

	<p>TechniSat Series Switch Z-Wave Plus Instruction Manual</p> <p>Comprehensive instruction manual for the TechniSat Series Switch, a Z-Wave Plus compatible smart home device. Covers installation, setup, configuration, technical specifications, and safety instructions.</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 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>
	<p>IMETEO 800 WiFi Weather Station User Manual TechniSat</p> <p>Comprehensive user manual for the TechniSat IMETEO 800 WiFi-connected weather station. Learn about setup, features, device view, configuration, settings, alarms, temperature and humidity monitoring, backlight adjustment, weather forecasts, technical data, warranty, and legal information.</p>