

Satlink WS-6916

Satlink WS-6916 DVB-S/S2 HD Digital Satellite TV Finder Meter User Manual

Model: WS-6916

1. INTRODUCTION

The Satlink WS-6916 is a professional DVB-S/S2 HD Digital Satellite TV Finder Meter designed for accurate and efficient satellite signal detection and alignment. This device features a 3.5-inch high-definition TFT LCD screen, supports MPEG-2/MPEG-4 decoding, and provides real-time signal strength and quality measurements. This manual provides essential information for the proper setup, operation, and maintenance of your Satlink WS-6916.

2. SAFETY INFORMATION

- Read all instructions carefully before operating the device.
- Do not expose the device to rain, moisture, or extreme temperatures.
- Use only the provided power adapter for charging the internal battery.
- Avoid disassembling the device. Refer all servicing to qualified personnel.
- Ensure proper ventilation during operation to prevent overheating.
- Handle the Li-ion battery with care. Do not puncture, incinerate, or expose to high temperatures.

3. PRODUCT OVERVIEW

The Satlink WS-6916 is equipped with a range of features to assist in satellite installation. Below is an overview of its components and key functionalities.

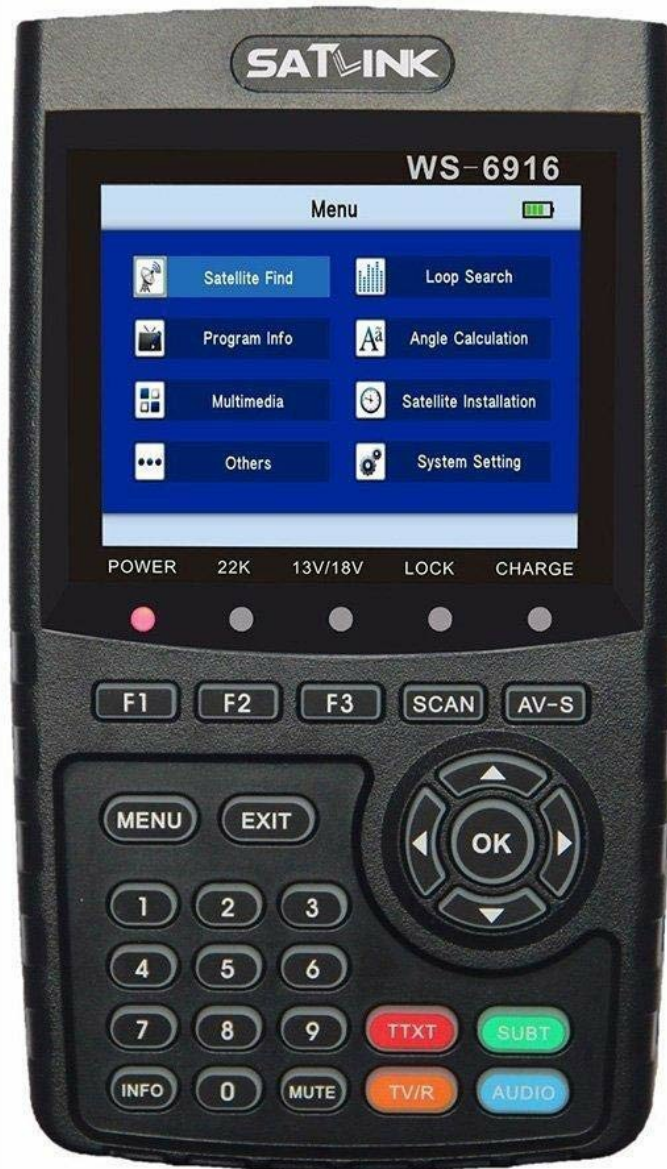


Figure 3.1: Front view of the Satlink WS-6916, showing the 3.5-inch TFT LCD screen, navigation buttons, numeric keypad, and function keys. The screen displays the main menu with options like Satellite Find, Loop Search, Program Info, Angle Calculation, Multimedia, Others, Satellite Installation, and System Setting. Indicator lights for POWER, 22K, 13V/18V, LOCK, and CHARGE are visible below the screen.



Figure 3.2: Rear and side view of the Satlink WS-6916, highlighting the LNB input, USB port, and other connectors. The rear panel includes ventilation grilles and a kickstand for upright positioning.



Figure 3.3: Close-up of the Satlink WS-6916's side panel, detailing the power switch, DC input for charging, and a USB port for software upgrades.

Key Features:

- 3.5 Inch High Definition TFT LCD Screen
- Fully DVB-S/S2, MPEG-2/MPEG4 compliant
- MPEG-2 / H.264 Hardware decoding
- Digital meter for signal strength and quality
- Supports multiple TP detection
- Supports scan of Auto, Blind, Manual, or NIT
- Sound and Light Alarm for Locking Signal
- Auto Calculate Angle of AZ (Azimuth), EL (Elevation)
- Supports DISEQC 1.0/1.1/1.2, 0/22khz Tone
- Integrated Speaker
- Support both AV out and AV in
- Supports HDMI out
- LNB short protect function
- 7.4V/3000mAh Li-ion Battery Included

- Software upgrade via USB port

4. SETUP

4.1 Charging the Battery

Before initial use, fully charge the internal 7.4V/3000mAh Li-ion battery. Connect the provided power adapter to the DC input port on the side of the device and plug it into a power outlet. The CHARGE indicator light will illuminate during charging and turn off when fully charged.

4.2 Powering On/Off

Locate the power switch on the side of the device. Slide the switch to the 'ON' position to power on the unit. Slide it to the 'OFF' position to power off.

4.3 Connecting to LNB/Dish

Connect the LNB cable from your satellite dish to the **F-Type** connector labeled 'LNB IN' on the device. The device provides LNB supply voltage (13V/18V) and 22KHz tone control automatically or manually, with a maximum current of 400mA.

4.4 Connecting to External Display (Optional)

For viewing the signal on a larger screen, connect an AV cable to the **AV OUT** port or an HDMI cable to the **HDMI OUT** port on the device and to your television or monitor.

5. OPERATING INSTRUCTIONS

5.1 Main Menu Navigation

Use the directional arrow buttons (Up, Down, Left, Right) to navigate through menu options. Press the **OK** button to confirm a selection or enter a submenu. Press the **EXIT** button to return to the previous menu or exit a function.

5.2 Satellite Find

1. From the main menu, select *Satellite Find* and press **OK**.
2. Select the desired satellite from the list.
3. Adjust LNB settings (e.g., LNB type, frequency) if necessary.
4. Observe the signal strength and quality bars on the screen. The digital meter provides precise values.
5. Adjust your satellite dish until the signal strength and quality are maximized. The device will emit a sound and light alarm when a signal is locked.
6. The device can also auto-calculate the Azimuth (AZ) and Elevation (EL) angles to assist with dish alignment.

5.3 Program Info

Select *Program Info* from the main menu to view details about the currently tuned transponder or channel, including frequency, symbol rate, and polarization.

5.4 Scan Functions

The device supports various scanning modes to find channels:

- **Auto Scan:** Automatically scans for all available channels on the selected satellite.
- **Blind Scan:** Scans for all transponders and channels without prior knowledge of transponder parameters.
- **Manual Scan:** Allows you to input specific transponder parameters (frequency, symbol rate, polarization) for scanning.
- **NIT Scan:** Scans using Network Information Table (NIT) data.

5.5 DiSEqC Settings

Navigate to the DiSEqC settings menu to configure DiSEqC 1.0/1.1/1.2 switches or 0/22KHz tone control if you are using multiple LNBs or a motorized dish system.

5.6 Multimedia

The *Multimedia* section may allow playback of compatible media files from a USB drive, if supported by the device's firmware.

5.7 System Settings

In *System Setting*, you can configure various device parameters such as language, time zone, display settings, and perform a factory reset.

6. MAINTENANCE

6.1 Battery Care

- To prolong battery life, avoid fully discharging the battery frequently.
- Charge the device regularly, even if not in use, to maintain battery health.
- Store the device in a cool, dry place when not in use for extended periods.

6.2 Software Upgrade

The device's software can be upgraded via the USB port. Download the latest firmware from the official Satlink website (if available) and follow the instructions provided with the firmware package. Typically, this involves placing the firmware file on a USB drive and initiating the upgrade process from the device's system settings.

6.3 Cleaning

Use a soft, dry cloth to clean the device's exterior. Do not use liquid cleaners or abrasive materials, as they may damage the screen or casing.

7. TROUBLESHOOTING

- **No Signal / Weak Signal:**
Check all cable connections, especially the LNB cable. Ensure the satellite dish is correctly aligned. Verify LNB settings in the device.
- **Device Not Powering On:**
Ensure the battery is sufficiently charged. Connect the power adapter and try again. Check the power switch position.

- **LNB Short Protect Warning:**

If this warning appears, it indicates a short circuit in the LNB or the cable connected to it. Disconnect the LNB cable and inspect it for damage. Replace faulty components if necessary.

- **Screen Not Displaying Correctly:**

Try restarting the device. If the issue persists, perform a factory reset via the System Settings menu (note: this will erase all user settings).

- **No Sound:**

Check the volume settings. Ensure the integrated speaker is not muted.

8. SPECIFICATIONS

8.1 Satellite Input / Demodulation

- **Connector Type:** F Type
- **Input Frequency:** 950 to 2150 MHz
- **Signal Input Level:** -65 to -25 dBm
- **Band Switch Control:** 22KHz
- **LNB Supply:** 13V/18V, IMax 400mA
- **Demodulation Type:** QPSK, 8PSK
- **Symbol Rate:** 2 (as provided in product data)

8.2 General

- **Screen:** 3.5 Inch High Definition TFT LCD
- **Decoding:** MPEG-2 / H.264 Hardware decoding
- **Battery:** 7.4V/3000mAh Li-ion Battery
- **Product Dimensions:** 7 x 22.8 x 22.2 cm
- **Item Weight:** 1.12 kg

9. WARRANTY INFORMATION

Specific warranty details for the Satlink WS-6916 are typically provided with the product packaging or by your retailer at the time of purchase. Satlink generally offers a limited warranty covering manufacturing defects. Please retain your proof of purchase for warranty claims. For detailed terms and conditions, refer to the official Satlink website or contact your point of sale.

10. SUPPORT

For technical assistance, troubleshooting beyond the scope of this manual, or inquiries regarding software updates and service, please contact Satlink customer support. You may find contact information on the official Satlink website or through your authorized dealer. When contacting support, please have your product model (WS-6916) and any relevant purchase information ready.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question