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› GTMEDIA V8 Finder Pro Satellite Finder Meter User Manual

GTMEDIA V8 Finder Pro

GTMEDIA V8 Finder Pro User Manual

Model: V8 Finder Pro

Brand: GTMEDIA

1. INTRODUCTION

The GTMEDIA V8 Finder Pro is a versatile digital signal meter designed for the installation and verification of digital satellite TV, antenna, and cable signals. It supports DVB-S2X/S2/S/T2/T/C standards and MPEG-2/4 H.264/H.265 (10 bit) decoding. This device simplifies signal alignment and testing for both residential and multi-dwelling unit installations. Key features include a 4.3-inch high-definition TFT LCD screen for real-time signal display, an integrated speaker for signal locking, and support for various scan modes (Auto, Blind, Manual, NIT). It also offers LNB short-circuit protection and networking capabilities via USB WiFi for online content like YouTube.



Figure 1.1: GTMEDIA V8 Finder Pro Satellite Finder Meter.

2. WHAT'S INCLUDED

Please check the contents of your package to ensure all items are present:

- V8 Finder Pro 2 Unit
- User Manual
- Product Warranty Card
- AV Audio and Video Cable
- Power Adapter

- Inch F Adapter
- Inch IEC Adapter
- Gift Box



Figure 2.1: Package Contents.

3. SETUP GUIDE

3.1 Initial Charging and Power On

Before first use, fully charge the V8 Finder Pro using the provided power adapter. The device features a real-time power display and a low power reminder. To power on, locate the ON/OFF switch on the side of the unit and slide it to the 'ON' position.

4.3 Inch High Definition TFT LCD Screen



Figure 3.1: High Definition TFT LCD Screen with Power Display.

3.2 Connecting Cables

The V8 Finder Pro offers multiple input/output ports for various signal types and external displays:

- **LNB IN:** For connecting to a satellite LNB.
- **ANT IN:** For connecting to a terrestrial antenna.
- **AHD:** For Analog High Definition camera input.
- **AV IN/OUT:** For analog audio/video input or output using the provided AV cable.
- **HD OUT:** For connecting to an external display via HDMI.
- **USB 3.0:** For software upgrades and USB WiFi connectivity.
- **PD:** Power Delivery port for charging.



Figure 3.2: Device Ports and Connections.

4. OPERATING INSTRUCTIONS

4.1 Menu Navigation

Use the directional buttons (Up, Down, Left, Right) and the 'OK' button to navigate through the on-screen menu. The 'MENU' button typically returns to the main menu, and 'EXIT' goes back to the previous screen.

4.2 Signal Finding Modes

The V8 Finder Pro supports various signal types:

- **Satellite (DVB-S2X/S2/S):** Select this mode to find and align satellite dishes. You can choose from pre-defined satellites or manually enter parameters. The device will display signal strength and quality, and provide an audible tone for locking onto a signal.
- **Terrestrial (DVB-T2/T):** Use this for over-the-air digital terrestrial television signals. Ensure your region's specific settings (e.g., country, frequency channel) are correctly configured.

- **Cable (DVB-C):** For digital cable television signals. Input the correct frequency, symbol rate, and modulation for your cable provider.

The integrated speaker provides an audible indication when a signal is locked, assisting in precise alignment.

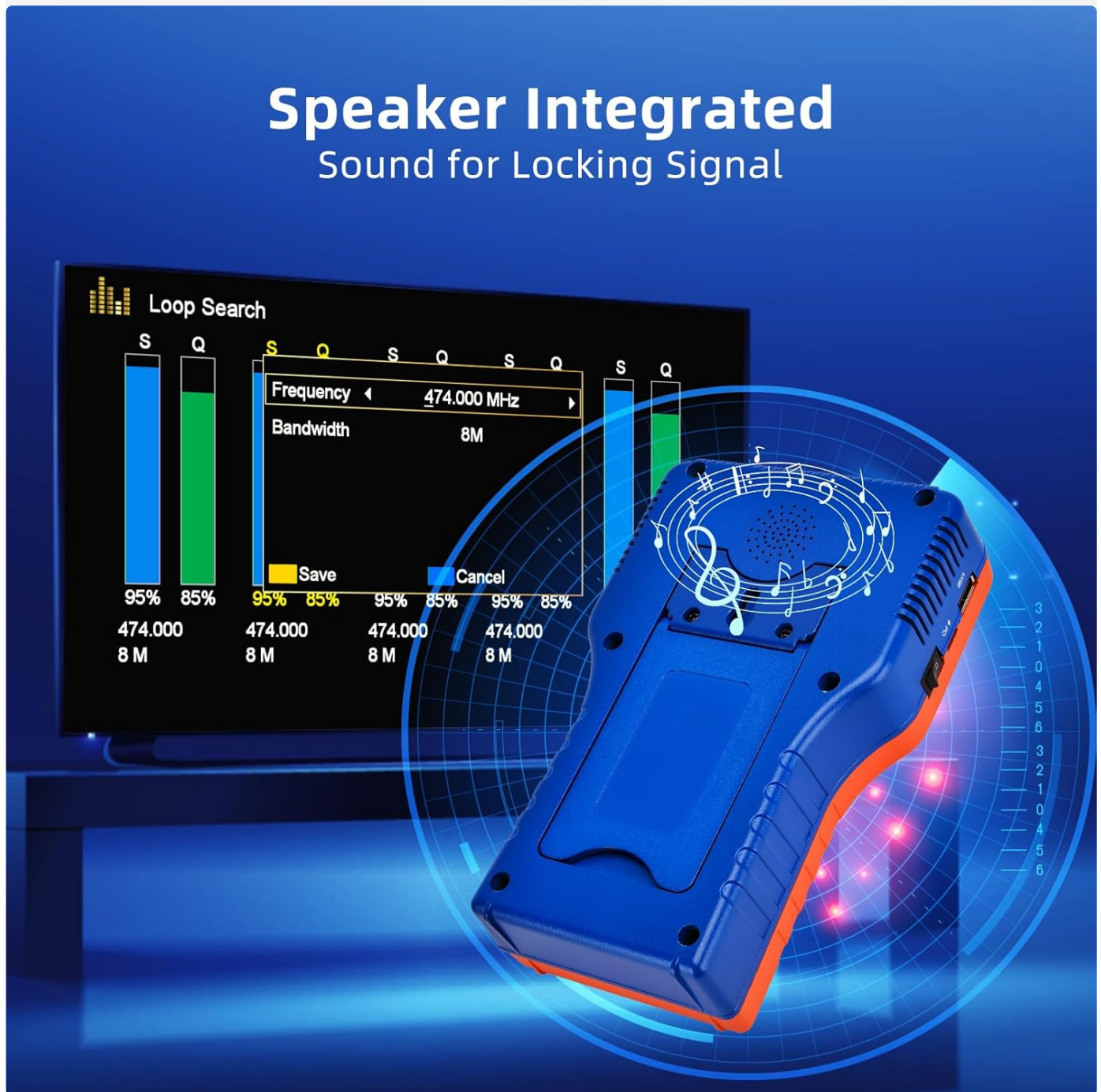


Figure 4.1: Integrated Speaker for Signal Locking.

4.3 Advanced Functions

- **Spectrum Analyzer:** Provides a visual representation of the signal spectrum, useful for identifying interference or weak signals.
- **Loop Search:** Allows for comprehensive scanning across multiple transponders or channels.
- **Calculate AZ/EL:** Automatically calculates the azimuth and elevation angles for satellite dish alignment based on your location and selected satellite.
- **USB WiFi (2.4G):** Connect a compatible USB WiFi dongle to access online features, including YouTube.

4.4 Operational Overview Video

This video provides a visual guide to the V8 Finder Pro's interface and core functionalities, including menu navigation and

various signal installation modes.

Your browser does not support the video tag.

Video 4.1: Demonstration of V8 Finder Pro features and menu navigation.

5. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the device. Avoid abrasive cleaners or solvents.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. Recharge the device regularly, even if not in use for extended periods.
- **LNB Protection:** The device includes LNB short-circuit protection. However, always ensure proper connections to prevent damage.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not power on.	Low battery; Power switch off; Faulty charger.	Ensure the device is fully charged. Check the ON/OFF switch. Try a different compatible charger.
Cannot find satellite/terrestrial/cable signal.	Incorrect parameters; Antenna/LNB not aligned; Cable issues; Incorrect country/region settings.	Verify all input parameters (frequency, symbol rate, LNB type). Ensure antenna/dish is correctly aimed. Check cable connections. For terrestrial, ensure the correct country is selected in system settings.
Battery not recharging.	Faulty charging cable/adaptor; Battery degradation; USB PD compatibility issue.	Use the original charging cable and adaptor. If issues persist, contact GTMEDIA support. Note that some USB PD chargers may not be fully compatible.
Device freezes or becomes unresponsive.	Software glitch; Overheating.	Perform a soft reset by holding the power button until it restarts. If persistent, consider a firmware update via USB.
No USA country option for Terrestrial.	Regional firmware limitation.	This device is primarily designed for DVB-T/T2 standards common in Europe, Asia, and other regions. For ATSC (North American standard), this specific model may not be fully compatible. Check for region-specific firmware updates or contact support for clarification.

7. SPECIFICATIONS

Feature	Detail
Product Dimensions	4.84 x 1.77 x 8.03 inches (123mm x 45mm x 204mm)
Item Weight	1.32 pounds
Manufacturer	GT MEDIA
ASIN	B09NPJT7WF
Country of Origin	China
Display	4.3 Inch High Definition TFT LCD Screen
Signal Support	DVB-S2X/S2/S/T2/T/C, MPEG-2/4 H.264/H.265 (10 bit)
Connectivity	USB WiFi (2.4G), USB 3.0, HDMI Out, AV In/Out
Protection	LNB short-circuit protection

Product Size



8. WARRANTY AND SUPPORT

GTMEDIA offers high-quality original products and professional technical support. For any questions or assistance, please do not hesitate to contact GTMEDIA via Amazon email or through their official support channels.

Refer to the included Product Warranty Card for specific warranty terms and conditions.

For further information, you may visit the [GTMEDIA Store on Amazon](#).