

WEIJIESHENG T5-1

WEIJIESHENG DVB-T2 Digital Terrestrial Decoder T5-1 User Manual

Model: T5-1

[Introduction](#) [Safety Information](#) [Package Contents](#) [Product Overview](#) [Setup](#) [Operation](#) [Advanced Features](#) [Troubleshooting](#) [Specifications](#) [Maintenance](#) [Support](#)

1. INTRODUCTION

Thank you for choosing the WEIJIESHENG DVB-T2 Digital Terrestrial Decoder T5-1. This device allows you to receive free-to-air digital terrestrial television channels in Full HD 1080P/720P resolution, supporting HEVC Main 10 H.265 video encoding. Its compact design allows it to be discreetly placed behind your television. This manual provides detailed instructions for setup, operation, and troubleshooting to ensure optimal performance.

2. SAFETY INFORMATION

Please read and understand all safety instructions before using this product. Keep this manual for future reference.

- **Power Supply:** Use only the provided 5V/2A power adapter or a compatible USB port on your TV for power. Ensure the power source matches the device's requirements.
- **Ventilation:** Do not block any ventilation openings. Ensure adequate airflow around the device to prevent overheating.
- **Water and Moisture:** Do not expose the device to rain, moisture, or place objects filled with liquids on or near it.
- **Cleaning:** Disconnect the power before cleaning. Use a soft, dry cloth. Do not use liquid or aerosol cleaners.
- **Servicing:** Do not attempt to service this product yourself. Refer all servicing to qualified service personnel.
- **Antenna Connection:** Ensure the antenna is properly connected and grounded to prevent electrical hazards. This decoder is compatible with standard fishbone antennas.

3. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- WEIJIESHENG DVB-T2 Digital Terrestrial Decoder (with integrated HDMI cable)
- 2-in-1 Universal Remote Control (AAA batteries not included)
- Mini USB IR Receiver with LED display
- 5V/2A Power Adapter (Euro plug)
- USB/Type-C Power Cable
- AV Cable
- User Manual (English and Italian)



Image 3.1: Illustration of all items included in the WEIJIESHENG DVB-T2 Decoder package. This includes the decoder unit, the 2-in-1 remote control, the IR receiver, power adapter, USB/Type-C cable, AV cable, and the user manual.

4. PRODUCT OVERVIEW

The WEIJIESHENG DVB-T2 Decoder T5-1 is a compact and versatile device designed to enhance your television viewing experience by providing access to digital terrestrial channels. It supports high-definition video and offers various

multimedia functionalities.

4.1 Device Components



Image 4.1: The WEIJIESHENG DVB-T2 Decoder stick, its 2-in-1 remote control, and the mini USB IR receiver. The decoder is a black rectangular stick with an integrated HDMI cable.

- **DVB-T2 Decoder Stick:** The main unit, featuring an integrated HDMI cable for direct connection to your TV.
- **2-in-1 Universal Remote Control:** Controls both the decoder and your TV (after programming).
- **Mini USB IR Receiver:** Connects to the decoder to receive signals from the remote control and displays channel

information.

4.2 Ports and Connections

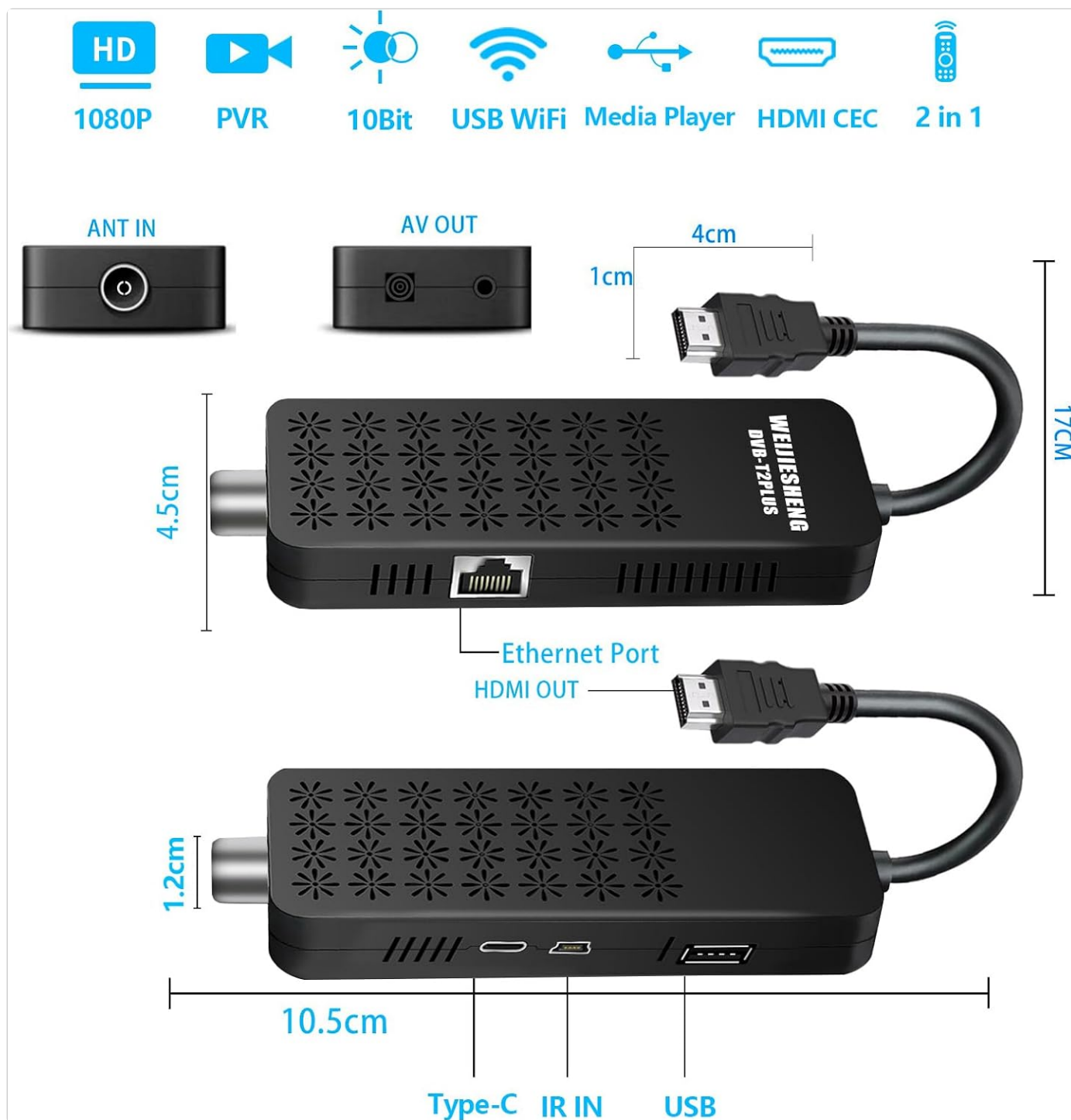


Image 4.2: Detailed view of the WEIJIESHENG DVB-T2 Decoder showing its various ports and approximate dimensions. Ports include ANT IN, AV OUT, Ethernet, HDMI OUT (integrated cable), Type-C (power), IR IN, and USB.

- **ANT IN:** For connecting your terrestrial antenna.
- **HDMI OUT:** Integrated cable for connecting to your TV's HDMI port.
- **AV OUT:** For connecting to older TVs via the included AV cable.
- **Ethernet Port:** For wired network connection.
- **USB Port:** For connecting USB storage devices (e.g., for PVR, multimedia playback) or a USB Wi-Fi adapter.
- **Type-C Port:** For power input.
- **IR IN:** For connecting the external IR receiver.

5. SETUP INSTRUCTIONS

Follow these steps to set up your WEIJIESHENG DVB-T2 Decoder:

5.1 Connecting the Decoder to Your TV

1. **Connect to TV:**

- For modern TVs: Plug the integrated HDMI cable from the decoder directly into an available HDMI port on your television.
- For older TVs: Use the provided AV cable. Connect one end to the AV OUT port on the decoder and the other end to the corresponding AV input ports (Yellow for Video, White for Left Audio, Red for Right Audio) on your TV.

2. **Connect Antenna:** Connect your terrestrial antenna cable to the **ANT IN** port on the decoder. Ensure your antenna is a standard fishbone type for optimal reception.

3. **Connect IR Receiver:** Plug the mini USB IR receiver into the **IR IN** port on the decoder. Position the IR receiver in a location where it has a clear line of sight to your remote control.

4. **Power Connection:**

- If your TV has a USB port that provides 5V power: Connect the USB/Type-C power cable from the decoder's Type-C port to your TV's USB port.
- If your TV does not have a suitable USB port or for more stable power: Connect the USB/Type-C power cable from the decoder's Type-C port to the provided 5V/2A power adapter, then plug the adapter into a wall outlet.

5. **Select Input:** Turn on your TV and select the correct HDMI or AV input source to which the decoder is connected.



Image 5.1: Diagram illustrating the connection process for the WEIJIESHENG DVB-T2 Decoder. It shows connections for HDTV (HDMI), ANT IN, IR receiver, and power options (USB from TV or 5V2A adapter).

Decoder DVB-T2 Built-in HDMI Cable

hidden behind your TV

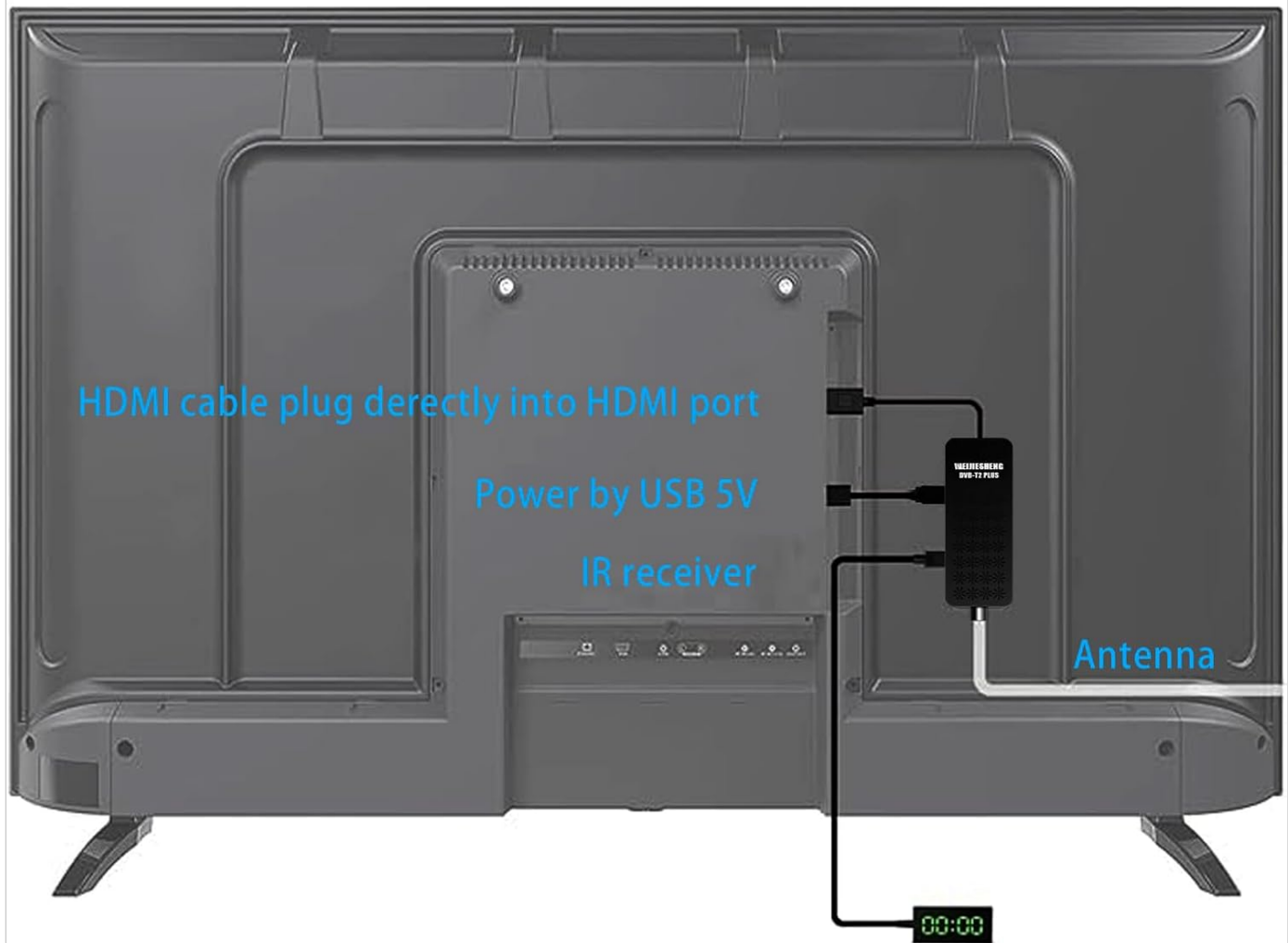


Image 5.2: The decoder unit connected and hidden behind a television, with the HDMI cable plugged directly into the TV and the IR receiver extended for remote control functionality. Power is supplied via a TV's USB port.

5.2 Initial Setup and Channel Scan

1. Upon first power-on, the decoder will typically display an initial setup screen.
2. Use the remote control to select your preferred language (e.g., English).
3. Navigate to the "Channel Search" or "Auto Scan" option in the menu.
4. Initiate the scan. The decoder will search for available digital terrestrial channels. This process may take several minutes.
5. Once the scan is complete, the channels will be saved, and you can begin watching TV. The number of channels received depends on your antenna's position and signal strength.

6. OPERATING INSTRUCTIONS

6.1 Remote Control Functions

The 2-in-1 remote control allows you to operate both the decoder and your television. Ensure AAA batteries are inserted

correctly.

2 in 1 TV Remote Control



Image 6.1: A user operating the WEIJIESHENG DVB-T2 Decoder with the 2-in-1 remote control while watching television. The remote features dedicated buttons for TV control, channel navigation, volume, menu, and multimedia functions.

- **TV Control Section:** Power, TV/AV, Volume Up/Down (for TV). These buttons can be programmed to control your TV.
- **Decoder Control Section:**
 - **Power:** Turns the decoder on/off.
 - **MENU:** Accesses the main menu.
 - **CH+/CH-:** Changes channels.
 - **VOL+/VOL-:** Adjusts decoder volume.
 - **OK:** Confirms selections.
 - **INFO:** Displays channel information.
 - **EXIT:** Exits current menu/screen.

- **FAV:** Accesses favorite channel list.
- **EPG:** Electronic Program Guide.
- **PVR:** Initiates PVR recording (requires USB storage).
- **Multimedia Buttons:** Play, Pause, Stop, Fast Forward, Rewind.
- **Numeric Buttons (0-9):** Direct channel selection.

6.2 Programming the 2-in-1 Remote Control

The remote control has a learning function to control basic functions of your TV (Power, TV/AV, Volume). Follow these steps to program it:

1. Place the decoder remote and your TV's original remote head-to-head, about 1-3 cm apart.
2. Press and hold the **[SET]** button (or a similar designated learning button, refer to remote diagram if available) on the decoder remote until the LED indicator lights up steadily.
3. Press the button on the decoder remote that you wish to program (e.g., **[POWER]** under "TV CONTROL"). The LED indicator will flash slowly.
4. Press the corresponding button on your TV's original remote (e.g., TV Power button). The LED indicator on the decoder remote will flash quickly three times and then light up steadily, indicating successful learning.
5. Repeat steps 3 and 4 for other buttons you wish to program (TV/AV, VOL+, VOL-).
6. Once finished, press the **[SET]** button again to exit learning mode. The LED indicator will turn off.

Note: If the learning process fails, the LED may flash rapidly and turn off. Try again, ensuring the remotes are properly aligned and batteries are fresh.

7. ADVANCED FEATURES

7.1 PVR (Personal Video Recorder)

The decoder supports PVR functionality, allowing you to record live TV programs to an external USB storage device (not included).

1. Connect a USB 2.0 storage device (e.g., USB flash drive or external hard drive, formatted to FAT32) to the USB port on the decoder. Maximum supported capacity is 4TB.
2. Press the **[PVR]** button on the remote control to start recording the current channel.
3. Press **[STOP]** to end the recording.
4. Recorded programs can be accessed via the Multimedia menu.

7.2 Multimedia Playback

Play various media files from a connected USB storage device.

- Supported formats include MP3, AC3, AAC (audio), JPEG, PNG (images), MP4, MOV, AVI, MKV, MPG, MPEG (video).
- Connect your USB storage device.
- Navigate to the "Multimedia" section in the main menu to browse and play your files.

7.3 Network Features (Ethernet / USB Wi-Fi / Cast Screen)

The decoder offers network connectivity for additional features.

- **Ethernet:** Connect an Ethernet cable to the Ethernet port for a wired internet connection.

- **USB Wi-Fi:** To enable Wi-Fi connectivity, you will need a compatible USB Wi-Fi adapter (MT7601 chipset recommended, not included). Plug the adapter into the USB port.
- **YouTube & Other Websites:** With an internet connection, you can access YouTube and other web services through the decoder's interface.
- **Cast Screen (DLNA):** The decoder supports mobile phone casting functionality (DLNA). Refer to the on-screen instructions or your phone's casting feature for details on how to mirror content.

Nuovo Decoder Digitale Terrestre

Non sistema Android o ioSnon supporta l'applicazione di installazione

HEVC Main10
H.265 10BITS

registrazione programmi

lettore multimediale

USB WiFi compatibile

organizzare canali preferiti

Italiano Menu di Sistema
Manuale Istruzioni

(Adattatore WiFi Non Incluse)

Full HD
1080

Image 7.1: Screenshot of the WEIJIESHENG DVB-T2 Decoder's user interface, displaying various applications and settings such as Installation, STB Cast, Apps, YouTube, AV, Channel, Preference, Media Center, Setting, Network, Upgrade, and Version. This interface highlights the multimedia and network capabilities.

8. TROUBLESHOOTING

If you encounter issues with your decoder, refer to the following common problems and solutions:

Problem	Possible Cause / Solution
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Problem	Possible Cause / Solution
No picture/sound	◦ Ensure the decoder is powered on and the IR receiver is connected. ◦ Check if the TV is set to the correct HDMI/AV input. ◦ Verify all cables (HDMI/AV, antenna, power) are securely connected. ◦ Check TV volume and decoder volume settings.
No channels found / Poor signal	◦ Ensure the antenna is properly connected to the ANT IN port. ◦ Adjust the position and direction of your terrestrial antenna. ◦ Perform an "Auto Scan" for channels again. ◦ Ensure your antenna is a standard fishbone type.
Remote control not working	◦ Check if batteries are inserted correctly and are not depleted. ◦ Ensure the IR receiver is connected to the decoder and has a clear line of sight to the remote. ◦ If TV control buttons are not working, re-program the 2-in-1 remote.
USB device not recognized	◦ Ensure the USB device is formatted to FAT32. ◦ Check if the USB device is securely plugged into the USB port. ◦ Try a different USB device.
Wi-Fi not connecting	◦ Ensure a compatible USB Wi-Fi adapter (MT7601 chipset) is connected. ◦ Check Wi-Fi settings in the decoder's menu. ◦ Verify your Wi-Fi network is active and you have entered the correct password.

9. SPECIFICATIONS

Feature	Detail
Brand	WEIJIESHENG
Model Number	T5-1
Color	Black
Connectivity Technology	USB, HDMI, AV, Ethernet
Special Features	USB-WIFI (adapter not included), Ethernet, PVR, Multimedia Player, Cast Screen (DLNA)
Compatible Devices	Television (LED, LCD, Tube, Projector)
Video Encoding	HEVC Main 10, H.265
Resolution Support	Full HD 1080P/720P

Feature	Detail
Audio Output Mode	Stereo
Surround Sound Configuration	2.0
USB Support	USB 2.0 (FAT32), Max 4TB external storage
Power Input	5V/2A (via power adapter or TV USB port)



Image 9.1: The WEIJIESHENG DVB-T2 Decoder is compatible with a wide range of television models, including LED TVs, LCD monitors, older Tube TVs, and projectors, offering versatile connectivity options.

10. MAINTENANCE

Proper care and maintenance will ensure the longevity of your WEIJIESHENG DVB-T2 Decoder.

- **Cleaning:** Disconnect the power before cleaning. Use a soft, dry, lint-free cloth to wipe the device. Do not use abrasive cleaners, waxes, or solvents.
- **Environment:** Keep the device away from direct sunlight, heat sources, and excessive dust.
- **Storage:** If storing the device for an extended period, disconnect it from power and store it in a cool, dry place.

11. WARRANTY AND SUPPORT

WEIJIESHENG is committed to providing quality products and customer service.

- **Customer Support:** For any questions or issues, we provide 24-hour online service. Please refer to the contact information provided with your purchase or on the product packaging for assistance.
- **Warranty:** Specific warranty details may vary by region and retailer. Please retain your proof of purchase for warranty claims.

