

## GTMEDIA V7 Pro

# GTMEDIA V7 Pro Satellite Receiver User Manual

Model: V7 Pro

## 1. INTRODUCTION

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The GTMEDIA V7 Pro is a versatile satellite receiver designed to provide access to DVB-S/S2/S2X and DVB-T/T2 digital television broadcasts. This device supports advanced features such as VCM/ACM/Multi-Stream, HEVC 10bit decoding, and includes a CA card slot for conditional access. It also offers USB WiFi connectivity for network features and online content. This manual provides essential information for setting up, operating, and maintaining your GTMEDIA V7 Pro receiver.

## 2. SAFETY INFORMATION

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- Ensure the device is placed on a stable, flat surface with adequate ventilation.
- Avoid exposing the receiver to moisture, extreme temperatures, or direct sunlight.
- Do not block ventilation openings on the device.
- Disconnect power before cleaning or performing any maintenance.
- Only use the provided power adapter to prevent damage.
- Do not attempt to open or repair the device yourself. Refer to qualified service personnel.

## 3. PACKAGE CONTENTS

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

- GTMEDIA V7 Pro Satellite Receiver
- Power Adapter
- IR Remote Control
- HDMI Cable
- User Manual (this document)
- Warranty Card
- USB WiFi Dongle



Image 3.1: All items included in the GTMEDIA V7 Pro package, showing the receiver, remote control, power adapter, HDMI cable, USB WiFi dongle, user manual, and warranty card.

## 4. PRODUCT OVERVIEW

The GTMEDIA V7 Pro features a compact design with essential ports for connectivity. Understanding the layout of the device will assist in proper setup and operation.

### 4.1 Front and Side Panels

- **Display:** Shows channel numbers, time, and status indicators.
- **Power LED:** Indicates the power status of the device.
- **CA Card Slot:** Located on the side, for inserting conditional access cards.

### 4.2 Rear Panel Connections

## Product parameters



Product Dimension	180*125*30mm (L*W*H)
Unit Weight	0.45 Kg with gift box
Power Supply	AC 100-250V,50Hz/60Hz
Temperature	Operation 0~+45°C; Storage -10~+60°C
Humidity	20~90% Non-condensed
Accessories	Gift Box, Adapter, IR remote control, HDMI Cable, User Manual,Warranty card

Image 4.1: Detailed view of the GTMEDIA V7 Pro's rear panel, illustrating the various input and output ports including LNB IN, ANT IN, HD OUT, AV OUT, RF TO TV, USB ports, DC 12V Power input, and the Power ON/OFF switch.

- **LNB IN:** Connects to your satellite dish LNB for DVB-S/S2/S2X signals (950MHz to 2150MHz).
- **ANT IN:** Connects to a terrestrial antenna for DVB-T/T2 signals.
- **HD OUT:** HDMI output for connecting to a high-definition television (up to 1080p).
- **AV OUT:** Analog video and audio output for older televisions.
- **RF TO TV:** RF output for connecting to a TV's antenna input.
- **USB Ports:** Two USB ports for connecting USB storage devices (for PVR, media playback, firmware upgrade) or the included USB WiFi dongle.
- **DC 12V Power:** Connects to the provided 12V power adapter.
- **Power ON/OFF:** Main power switch for the device.

## 5. SETUP

Follow these steps to set up your GTMEDIA V7 Pro receiver:

1. **Connect to TV:** Connect the receiver to your television using an HDMI cable (for best quality) or AV cables. Ensure the TV input is set to the corresponding HDMI or AV port.
2. **Connect Antenna/LNB:**
  - For satellite reception, connect your satellite dish LNB cable to the **LNB IN** port.
  - For terrestrial reception, connect your terrestrial antenna cable to the **ANT IN** port.
3. **Connect USB WiFi Dongle:** Insert the provided USB WiFi dongle into one of the USB ports on the rear panel.
4. **Connect Power:** Plug the power adapter into the **DC 12V Power** input on the receiver, then plug the adapter into a wall outlet.
5. **Power On:** Flip the **Power ON/OFF** switch to the ON position. The front display will show "boot" then "Load" as the system starts.
6. **Initial Setup Wizard:** Upon first power-on, the receiver may guide you through an initial setup wizard. Follow the on-screen prompts to select your preferred language and configure basic settings.
7. **Network Configuration:** Navigate to the **Network** menu. Select **Network Config**, then **WiFi**. Scan for available networks, select your network, and enter the password to connect.
8. **Channel Search:**
  - Go to the **Installation** menu.
  - Select **Satellite List** for satellite channels or **Terrestrial** for terrestrial channels.
  - Choose your desired satellite (e.g., Hot Bird 13B/13C) or ensure the correct terrestrial region is selected.
  - Perform an **Auto Search** or **Blind Scan** to find available channels. This process may take several minutes.

Your browser does not support the video tag.

Video 5.1: This video demonstrates the physical overview, port connections, initial power-on sequence, and basic menu navigation for the GTMEDIA V7 Pro Satellite Receiver, including satellite list selection, channel search, and network configuration.

## 6. OPERATING INSTRUCTIONS

### 6.1 Basic Navigation

Use the included remote control to navigate the receiver's menus and functions. The arrow keys are used for selection, OK for confirmation, and EXIT/MENU for returning to previous screens or the main menu.

### 6.2 Channel Management

After performing a channel search, you can organize your channels. The receiver supports various channel sorting options and allows you to create favorite lists.

### 6.3 Media Playback (USB)

Insert a USB storage device containing media files (music, pictures, movies) into a USB port. Navigate to the **Media** menu to browse and play your content.

### 6.4 Program Recording (PVR)

With a connected USB storage device, you can record live TV programs. Access the PVR functions through the remote control or the **Media** menu. You can also set timers for scheduled recordings.

## 6.5 Online Features

Once connected to the internet via WiFi, the receiver provides access to online applications such as YouTube and Youporn. Navigate to the **Network** menu, then **Online Movie App** to access these features.

## 6.6 Conditional Access (CA Card)

The GTMEDIA V7 Pro includes a CA card slot. Insert your smart card into the slot to decrypt encrypted channels. Ensure the card is inserted correctly according to the card's orientation. The receiver supports various card types including Albertis/Tivusat/BBC Satback/Irdeto Card.



**Convenient operation**

**Want to watch local shows?**  
CA Card Reader allows you to enjoy different programs

Image 6.1: A hand inserting a smart card into the CA card slot of the GTMEDIA V7 Pro receiver, demonstrating the conditional access feature for viewing encrypted programs.

## 6.7 Multi-Room Functionality

The Multi-Room feature allows you to share program resources across multiple satellite receivers within the same local area network, eliminating the need for multiple subscription cards for different devices.



## Multi-Room



Do you have multiple sat receivers at home? Don't want to buy multiple cards? Multi-Room can share program resources under the same local area network.

Image 6.2: An illustration depicting the GTMEDIA V7 Pro receiver connected to a house, symbolizing its Multi-Room capability to share content across multiple devices on a local network.

## 7. MAINTENANCE

### 7.1 Cleaning

To clean the receiver, disconnect it from the power supply. Use a soft, dry cloth to wipe the exterior. Do not use liquid cleaners or abrasive materials.

### 7.2 Firmware Updates

The GTMEDIA R&D center continuously optimizes and improves the receiver's firmware. New firmware versions are released on the official forum for users to download and update. To update, download the firmware to a USB drive, insert it into the receiver, and navigate to **Tools > USB Upgrade** in the menu.

## 8. TROUBLESHOOTING

If you encounter issues with your GTMEDIA V7 Pro, refer to the following common problems and solutions:

- **No Signal:**
  - Check all cable connections (LNB IN, ANT IN) to ensure they are secure.

- Verify that your satellite dish or terrestrial antenna is properly aligned.
- Ensure the correct satellite is selected in the Installation menu.
- **No Picture/Sound:**
  - Confirm the HDMI or AV cable is securely connected to both the receiver and the TV.
  - Check that your TV's input source is set to the correct HDMI or AV port.
  - Ensure the TV volume is not muted or set too low.
- **Remote Control Not Working:**
  - Check and replace the batteries in the remote control.
  - Ensure there are no obstructions between the remote control and the receiver's IR sensor.
- **Network Connection Issues:**
  - Verify the USB WiFi dongle is properly inserted.
  - Check your WiFi network name and password in the Network Config menu.
  - Restart your WiFi router.

## 9. SPECIFICATIONS

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The GTMEDIA V7 Pro is equipped with the following technical specifications and features:



## GTShare APK for SAT2IP

Share mobile phone and TV at the same time

Image 9.1: A table detailing the product parameters of the GTMEDIA V7 Pro, including dimensions, unit weight, power supply, operating and storage temperatures, humidity, and included accessories.

Feature	Description
Tuner Support	DVB-S/S2/S2X + DVB-T/T2
Video Decoding	VCM/ACM/Multi-Stream/T2MI, Multi-PLP, HEVC main 10 profile (10bit), AVS+
Conditional Access	CA Card Slot, supports BISS auto roll, Full PowerVu, DRE & Biss key, Albertis/Tivusat/BBC Satback/Irdeto Card
DiSEqC Support	Unicable, DiSEqC1.0/1.1/1.2/USALS Motor
Connectivity	USB (2 ports), USB WiFi dongle support, USB 3/4G dongle support
Online Services	YouTube, Youporn, CCCAM, NEWCAM, MGCAM
Multi-Room	Supported for sharing program resources on a local network
Languages	English, Spanish, French, Russian, Portuguese, Polish, Indonesian, Arabic, Turkish, German, Italian, Persian, Thai, etc.
Dimensions (L*W*H)	7.09 x 4.92 x 1.18 inches (180 x 125 x 30mm)

Feature	Description
Unit Weight	8.8 ounces (0.25 Kilograms)
Power Supply	AC 100-250V, 50Hz/60Hz
Operating Temperature	0°C to +45°C
Storage Temperature	-10°C to +60°C
Humidity	20% to 90% (Non-condensed)



Image 9.2: An internal view of the GTMEDIA V7 Pro's hardware, highlighting the 64MB SPI Flash and 1G bit RAM components, indicating reliable performance.

## Excellent features



Ture H.265

Occupy less bandwidth(about 50%) than H.264

Image 9.3: An illustration demonstrating the GTMEDIA V7 Pro's H.265 (HEVC) decoding capability, which occupies approximately 50% less bandwidth compared to H.264, leading to more efficient video streaming.

## 10. WARRANTY & SUPPORT

For detailed warranty information, please refer to the Warranty Card included in your product package. For technical support, firmware updates, and community assistance, visit the official GTMEDIA R&D center forum. You can post your questions on the forum and expect a response within 24 hours.

### Online Resources:

- GTMEDIA Official Website: [www.gtmmedia.cc](http://www.gtmmedia.cc)
- GTMEDIA Support Forum: (Refer to product packaging or official website for specific forum link)