

GTMEDIA X1

GTMEDIA HDTV Converter X1 ATSC3.0 User Manual

Model: X1

1. INTRODUCTION

The GTMEDIA HDTV Converter X1 is a versatile device designed to enhance your television viewing experience. It supports Next-Gen ATSC3.0 and ATSC1.0 digital terrestrial signals, offering advanced features like DVR recording, Dolby AC4 audio, and offline DRM playback. Running on Android 11 with built-in Bluetooth 5.0 and dual-band Wi-Fi, it transforms your TV into a smart entertainment hub.

GTMEDIA®

HDTV Converter X1



ATSC 3.0



2GB+32GB



Bluetooth 5.0



2.4G/5G Wifi

Image: GTMEDIA HDTV Converter X1 highlighting its core specifications.

2. What's in the Box

Upon unboxing your GTMEDIA HDTV Converter X1, you should find the following items:

- 1 x HDTV Converter X1 Unit
- 1 x IR Remote Control
- 1 x Power Adapter
- 1 x HD Cable
- 1 x User Manual

What in the box?

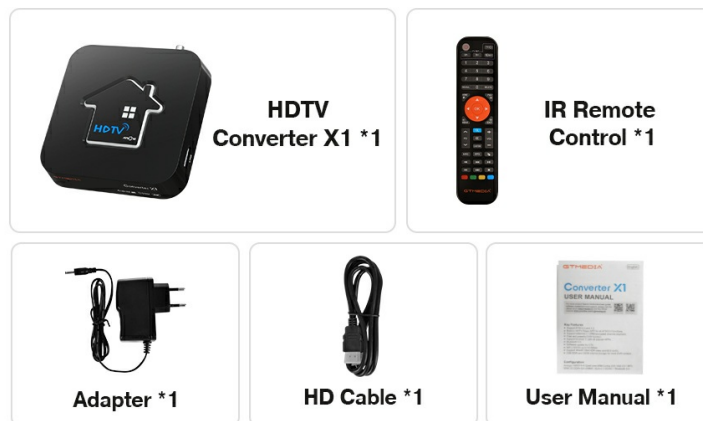


Image: All items included in the GTMEDIA HDTV Converter X1 package.

3. PRODUCT OVERVIEW AND PORTS

The GTMEDIA HDTV Converter X1 features a compact design with essential ports for connectivity. Familiarize yourself with the device's layout:

Interface Introduction

AV OUT, LAN, HD OUT, power cord, USB and other interfaces bring you smart and colorful enjoyment.

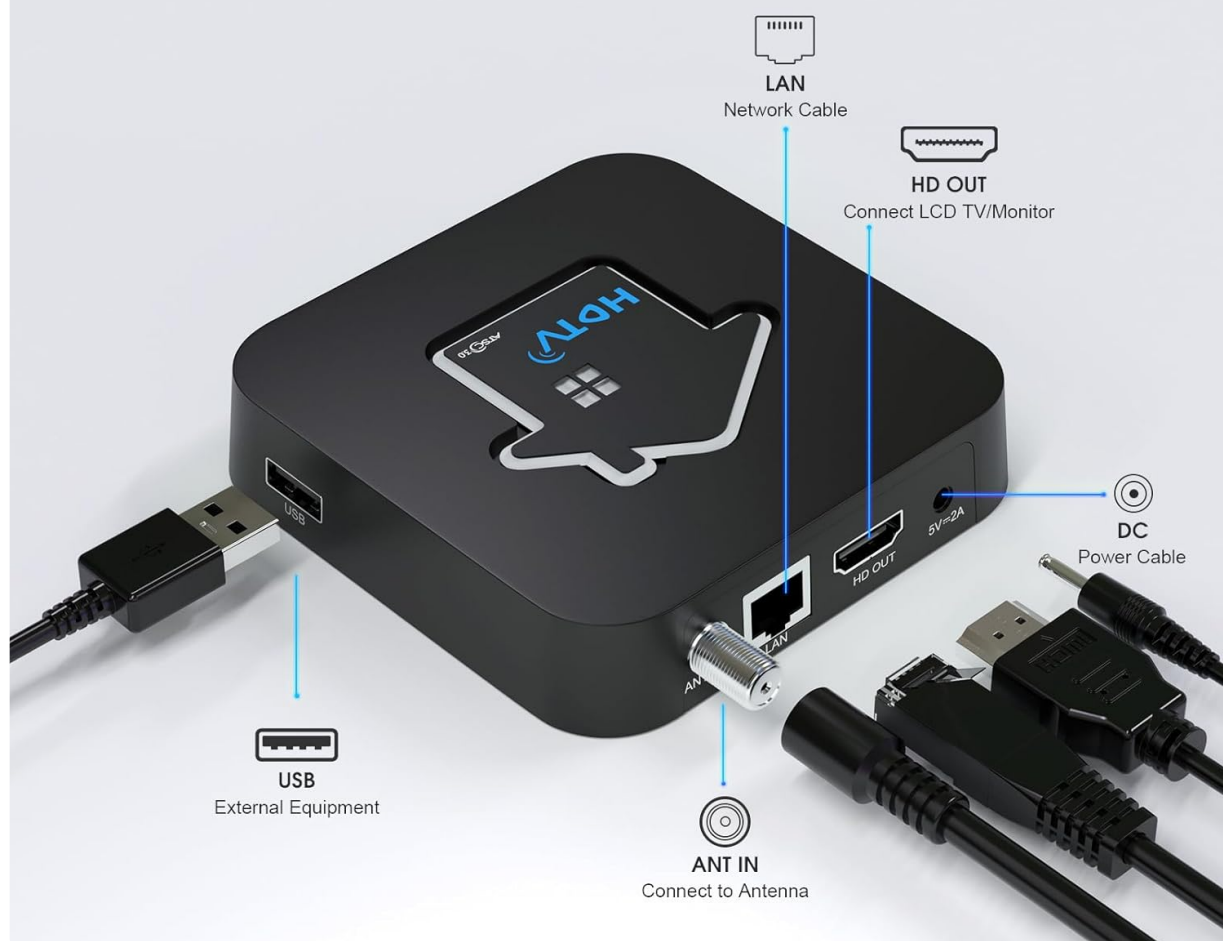


Image: Detailed view of the interface ports on the GTMEDIA HDTV Converter X1.

- **ANT IN:** Connect your digital TV antenna here.
- **LAN:** Ethernet port for wired network connection.
- **HD OUT:** HDMI output to connect to your TV or monitor.
- **5V=2A:** Power input for the included adapter.
- **USB:** For connecting external storage devices for DVR or media playback.

4. SETUP GUIDE

4.1. Physical Connections

1. Connect your digital TV antenna to the **ANT IN** port on the converter.
2. Connect one end of the HD Cable to the **HD OUT** port on the converter and the other end to an HDMI input on your TV.
3. For internet access, connect an Ethernet cable to the **LAN** port (optional, Wi-Fi is also available).
4. Plug the power adapter into the **5V=2A** port on the converter and then into a power outlet.
5. Turn on your TV and select the correct HDMI input source.

4.2. Initial Configuration

Upon first startup, the device will guide you through initial settings:

- **Language:** Select your preferred system language (e.g., English).
- **Timezone:** Set your local time zone for accurate program guide display.
- **Display:** Adjust screen size to fit your TV display (usually 100%).
- **Network:** Connect to your Wi-Fi network or ensure your Ethernet connection is active.

4.3. Channel Scan

After initial setup, perform a channel scan to find available over-the-air broadcasts:

1. Navigate to the 'Channel Scan' option in the main menu.
2. Select 'Full Channel Scan' to automatically detect all available ATSC 1.0 and ATSC 3.0 channels.
3. The device will display a progress bar and list found channels. Once complete, save the scanned channels.

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Video: User guide interface and program search demonstration.

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Video: Overview of the HDTV Converter X1's compatibility with Next-Gen ATSC3.0.

5. OPERATING INSTRUCTIONS

5.1. DVR Recording

The GTMEDIA HDTV Converter X1 supports both PVR (Personal Video Recorder) and DVR (Digital Video Recorder) functionalities, allowing you to record your favorite shows.

- **Scheduled Recording:** Access the program guide to schedule recordings for future shows. You can set up series recordings for recurring programs.

- **Instant Recording:** While watching a live channel, press the record button on your remote to start recording immediately.
- **Batch DVR Function:** When watching a program on a specific channel, use shortcut keys to view a list of all programs on the current frequency point. This allows simultaneous recording of multiple programs on the same frequency point.
- **Storage:** Recordings can be saved to the device's internal 32GB storage or an external USB drive connected to the USB port.
- **Offline DRM:** The device supports offline DRM, allowing you to enjoy encrypted 4K programs even without an internet connection.



Image: Demonstrating DVR recording to external storage.

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Video: Demonstration of Converter X1 recording frequency TS stream.

5.2. App Management and Media Playback

As an Android 11 device, the Converter X1 provides access to the Google Play Store, allowing you to download various applications and games.

- **Install Apps:** Access the Google Play Store to download streaming services, news apps, games, and more.

- **Media Center:** Use the built-in media center to play videos, music, and photos from connected USB drives.
- **Bluetooth Connectivity:** Connect Bluetooth game controllers or audio devices for an enhanced experience.



Image: Seamless connection and HD vision through the converter's interface.

6. REMOTE CONTROL FUNCTIONS

The included IR remote control provides full functionality for navigating the GTMEDIA HDTV Converter X1. Key buttons include:

- **Power:** Turns the device on/off.
- **Navigation Keys (Up/Down/Left/Right/OK):** For menu navigation and selection.
- **Volume +/-:** Adjusts audio volume.
- **CH +/-:** Changes channels.
- **Menu:** Accesses the main menu.
- **EPG (Electronic Program Guide):** Displays the program schedule.
- **REC:** Starts/stops DVR recording.

- **Custom:** Programmable hotkey for quick access to a favorite function.

7. SPECIFICATIONS

Feature	Detail
Model Number	X1
Brand	GTMEDIA
Operating System	Android 11
RAM	2GB
Internal Storage	32GB
Tuner Compatibility	ATSC 3.0 / ATSC 1.0
Audio Technology	Dolby AC4
Wireless Connectivity	Dual-band WiFi (802.11b/g/n/ac), Bluetooth 5.0
Video Output	4K UHD
Interface Type	Bluetooth, HDMI, WiFi
Package Dimensions	7.87 x 5.2 x 2.24 inches
Weight	1.15 Pounds

8. TROUBLESHOOTING

- **No Signal/No Channels:**

- Ensure your antenna is properly connected to the ANT IN port.
- Perform a 'Full Channel Scan' from the settings menu.
- Check your antenna's placement and orientation for optimal signal reception.

- **Audio/Video Sync Issues:**

- Restart the device.
- Check for any available firmware updates for the device.
- Ensure your TV's audio settings are correctly configured.

- **Apps Not Working/Crashing:**

- Ensure the device is connected to the internet.
- Check for app updates in the Google Play Store.
- Clear the cache and data for the problematic app in Android settings.

- **Remote Control Not Responding:**

- Replace the batteries in the remote control.
- Ensure there are no obstructions between the remote and the device's IR receiver.

9. WARRANTY AND SUPPORT

The GTMEDIA HDTV Converter X1 comes with a standard manufacturer's warranty. Please refer to the included 'Product Warranty Card' for specific terms and conditions, including warranty duration and coverage details.

For technical support, troubleshooting assistance, or warranty claims, please contact GTMEDIA customer service through their official website or the contact information provided in your product documentation.