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› OWERSLYN 1080P Mini ATSC Tuner Box User Manual

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OWERSLYN 1080P Mini ATSC Tuner Box User Manual

Model: Mini ATSC Tuner Box

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your OWERSLYN 1080P Mini ATSC Tuner Box. Please read this manual thoroughly before using the device to ensure proper functionality and to prevent damage.

The OWERSLYN Mini Digital Converter Box is designed to receive ATSC broadcast signals from an antenna and output them to a television, projector, or monitor. It supports 1080P HD resolution and includes features such as TV program recording, playback, and a USB media player.

2. PACKAGE CONTENTS

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

- 1 x OWERSLYN Mini ATSC Tuner Box (Digital TV Stick)
- 1 x 2-in-1 Remote Control
- 1 x HDMI Cable
- 1 x AV Cable (3RCA)
- 1 x USB to DC Cable
- 1 x IR Receiver with Display
- 1 x User Manual

What You Get



Box



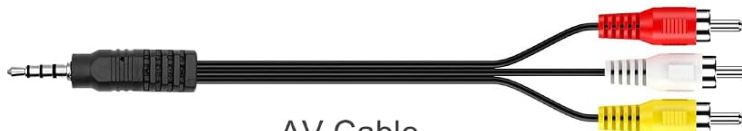
Digital TV Stick



2In 1 Remote Control



IR Receiver with Display



AV Cable



USB to DC Cable



User Manual

Figure 2.1: Package Contents. This image displays all components included with the OWERSLYN Mini ATSC Tuner Box: the main tuner stick, a 2-in-1 remote control, an HDMI cable, an AV cable, a USB to DC power cable, an IR receiver with a digital display, and the user manual.

3. PRODUCT OVERVIEW

Familiarize yourself with the device's components and their functions.

HD
1080p

DVR

Media player

Timeshift

USB WiFi



① IR IN
② DC 5V IN
③ AV OUT

④ HDMI OUT
⑤ USB Port
⑥ ANT IN

Figure 3.1: Device Ports and Connections. This diagram labels the key ports on the OWERSLYN Mini ATSC Tuner Box: (1) IR IN for the infrared receiver, (2) DC 5V IN for power, (3) AV OUT for analog video/audio, (4) HDMI OUT for digital video/audio, (5) USB Port for media/recording, and (6) ANT IN for antenna connection.

- **IR IN:** Connects to the external IR receiver for remote control signals.
- **DC 5V IN:** Power input port. Connect the USB to DC cable here.
- **AV OUT:** Analog video and audio output (RCA).
- **HDMI OUT:** High-Definition Multimedia Interface output for digital video and audio.
- **USB Port:** For connecting USB storage devices for media playback and DVR recording.
- **ANT IN:** Connects to your external antenna for receiving ATSC signals.



Figure 3.2: Tuner Box and Remote Control. This image shows the compact OWERSLYN Mini ATSC Tuner Box alongside its 2-in-1 universal remote control, highlighting the device's small form factor and the comprehensive remote.

4. SETUP INSTRUCTIONS

Follow these steps to connect your OWERSLYN Mini ATSC Tuner Box to your television or display.

4.1 Connecting to a TV/Display

1. **Connect the Antenna:** Connect your digital antenna to the **ANT IN** port on the tuner box.
2. **Connect the IR Receiver:** Plug the IR Receiver with Display into the **IR IN** port on the side of the tuner box. Position the IR receiver where it has a clear line of sight to your remote control.
3. **Connect to TV (HDMI):**
 - For modern TVs with an HDMI port, connect one end of the included HDMI cable to the **HDMI OUT** port on the tuner box and the other end to an available HDMI input on your TV.

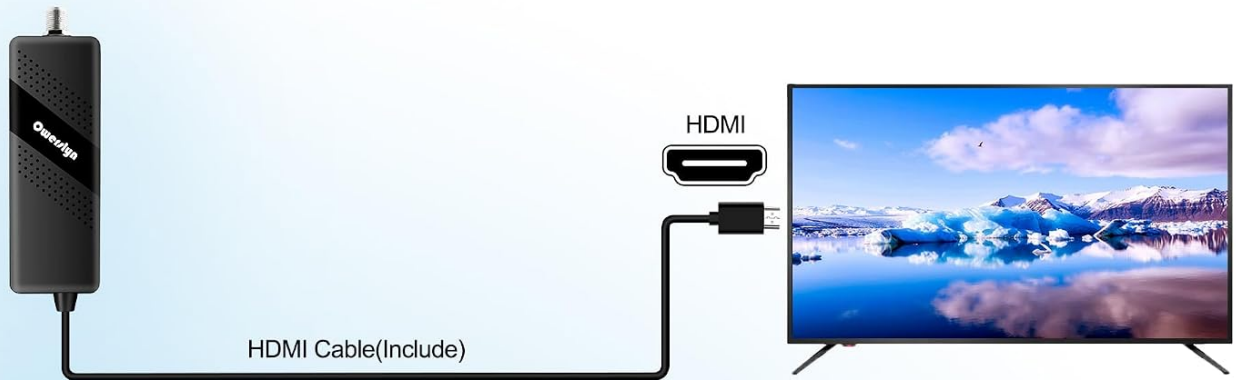
- *Note: This device is not compatible with TVs that only have an RF input.*

4. Connect to TV (AV/RCA):

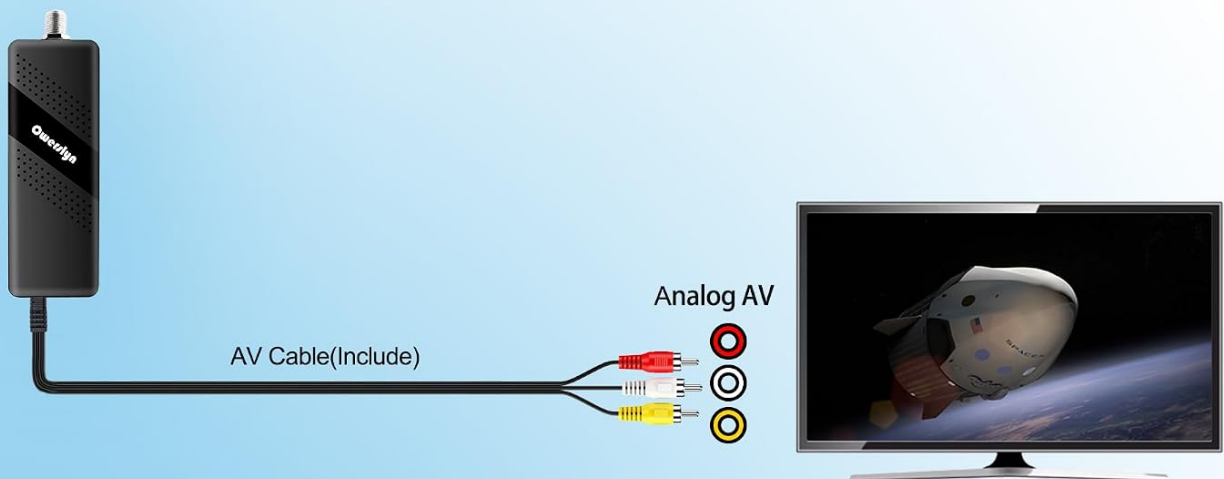
- For older TVs with AV (RCA) inputs, connect the included 3RCA AV cable to the **AV OUT** port on the tuner box. Match the yellow, white, and red connectors to the corresponding input ports on your TV.

5. **Power Connection:** Connect the USB to DC cable to the **DC 5V IN** port on the tuner box. Plug the USB end into a 5V USB power source (e.g., a USB port on your TV or a 5V USB wall adapter).

Two Ways to Connect TV



1 New version LED TV works with HD-Out port



2 Old version TV works with AV port (RCA jack)

Figure 4.1: Connection Options. This image illustrates how to connect the tuner box to a TV using either the included HDMI cable for newer LED TVs or the included AV (RCA) cable for older TVs with analog inputs.

Hidden Behind Your TV

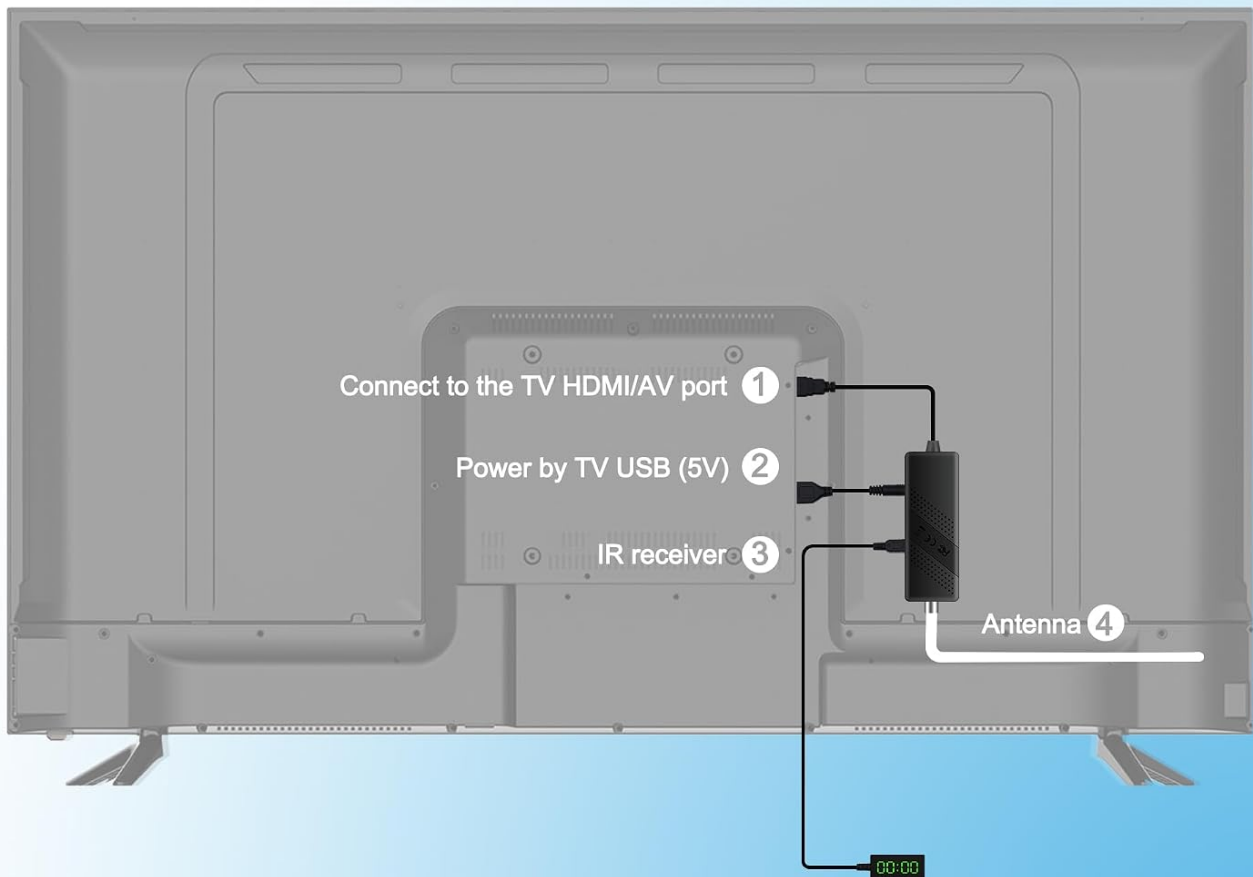


Figure 4.2: Hidden Installation. This diagram demonstrates how the compact tuner box can be discreetly hidden behind a TV, with connections for HDMI/AV, USB power, IR receiver, and antenna.

4.2 Initial Setup and Channel Scan

1. **Power On:** Turn on your TV and the OWERSLYN Mini ATSC Tuner Box.
2. **Select Input:** Use your TV's remote control to select the correct input source (HDMI or AV) that the tuner box is connected to.
3. **Initial Setup Screen:** The first time you power on the device, an initial setup screen will appear. Follow the on-screen prompts to select your preferred language, time zone, and country.
4. **Automatic Channel Search:** Select the "Auto Scan" or "Channel Search" option. The tuner box will scan for available ATSC broadcast channels. This process may take a few minutes.
5. **Completion:** Once the scan is complete, the device will display the first available channel.

5. OPERATING INSTRUCTIONS

5.1 Remote Control Functions

The included 2-in-1 remote control operates both the tuner box and can be programmed for basic TV functions.



Figure 5.1: 2-in-1 Universal Remote Control. This image displays the layout of the remote control, which can operate both the tuner box and basic functions of a television, reducing the need for multiple remotes.

- **Power:** Turns the tuner box on/off.
- **TV Control Section:** Buttons for TV power, volume, and input source (can be programmed).
- **CH+/CH-:** Changes channels.
- **VOL+/VOL-:** Adjusts volume.
- **OK:** Confirms selections in menus.
- **MENU:** Accesses the main menu.
- **EXIT:** Exits current menu or function.
- **EPG:** Displays the Electronic Program Guide.
- **PVR/REC:** Initiates recording (requires USB storage).

- **USB:** Accesses the USB media player.
- **Number Buttons (0-9):** Direct channel input.

Remote Learning Function: The remote can learn basic functions (Power, Volume, Input) from your TV's original remote. Refer to the remote control's specific instructions for programming details.

5.2 Live TV Viewing

After the channel scan, you can navigate channels using the CH+/CH- buttons or by entering the channel number directly. The EPG button provides program information.

5.3 DVR Recording and Playback

The tuner box supports real-time DVR recording and scheduled recording to a USB storage device (not included).

1. **Connect USB Storage:** Insert a USB flash drive or external hard drive (up to 4TB, externally powered recommended for HDDs) into the USB port on the tuner box. The device supports NTFS and FAT32 file systems.
2. **Instant Recording:** While watching a program, press the **REC** button on the remote to start recording immediately. Press **REC** again to stop.
3. **Scheduled Recording:** Access the EPG or the main menu to set up scheduled recordings. You can specify the channel, start time, and duration.
4. **Playback:** To watch recorded programs, press the **USB** button on the remote, navigate to the "PVR" or "Recordings" section, and select the desired file.

TV Recording

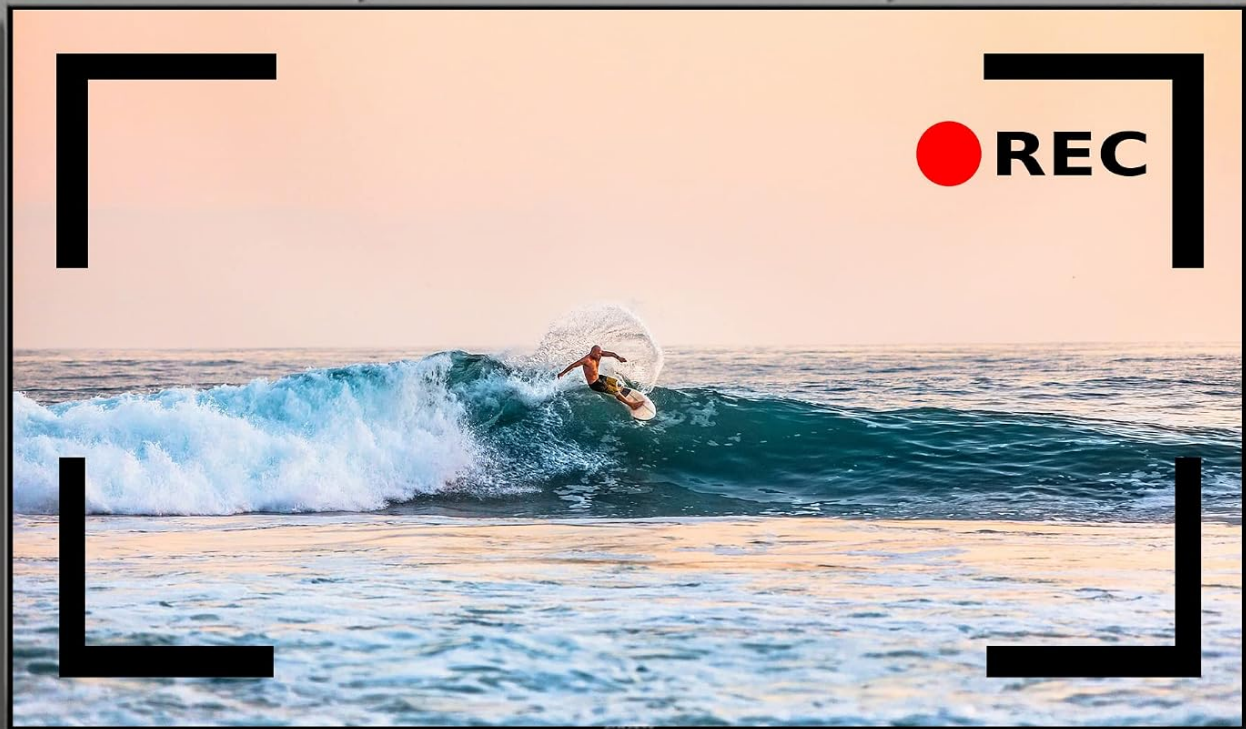


Figure 5.2: TV Recording Feature. This image shows a TV screen with a prominent 'REC' indicator, demonstrating the device's capability to record live television programs to a connected USB storage device.

Note: Recording functionality is for broadcast programs only and is incompatible with streaming services.

5.4 USB Media Player

The tuner box can play various media files from a connected USB storage device.

1. **Connect USB Storage:** Insert your USB flash drive or external hard drive into the USB port.
2. **Access Media Player:** Press the **USB** button on the remote control.
3. **Browse Files:** Navigate through the folders to find your video, music, or photo files.
4. **Playback:** Select a file to begin playback. The device supports common formats like MP3 and JPEG.

6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the device. Do not use liquid cleaners or abrasive materials.
- **Ventilation:** Ensure the device has adequate ventilation. Do not block the ventilation holes.
- **Power:** Disconnect the power adapter if the device will not be used for an extended period.
- **Environment:** Avoid exposing the device to extreme temperatures, humidity, or direct sunlight.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No picture/No signal	◦ Incorrect TV input selected. ◦ Loose HDMI/AV cable connection. ◦ Antenna not connected or positioned incorrectly. ◦ No power to the tuner box.	◦ Select the correct HDMI or AV input on your TV. ◦ Check and secure all cable connections. ◦ Ensure antenna is connected and try repositioning it. Perform a channel scan. ◦ Verify the USB to DC cable is properly connected to a 5V power source.
Remote control not working	◦ Batteries are dead or inserted incorrectly. ◦ IR receiver is blocked or not connected. ◦ Remote is too far or not pointed at the IR receiver.	◦ Replace batteries (AAA required). Check polarity. ◦ Ensure the IR receiver is connected and has a clear line of sight. ◦ Point the remote directly at the IR receiver.
Cannot record to USB	◦ USB device not connected or recognized. ◦ USB device has insufficient space or incorrect format. ◦ USB device requires external power.	◦ Ensure USB device is properly inserted. ◦ Check available space. Format to NTFS or FAT32 if necessary (this will erase data). ◦ If using an external HDD, ensure it is externally powered.
Poor picture quality	◦ Weak antenna signal. ◦ Antenna interference.	◦ Adjust antenna position or consider a stronger antenna. ◦ Ensure antenna is away from other electronic devices that may cause interference.

8. SPECIFICATIONS

Feature	Detail
Model	Mini ATSC Tuner Box
Brand	OWERSLYN
Video Resolution	Up to 1080P HD
Video Output	HDMI, 3RCA (AV), Component

Feature	Detail
Tuner Type	ATSC
USB Support	Media Playback, DVR Recording (USB 2.0)
USB File Systems	NTFS, FAT32
Power Supply	DC 5V (via USB)
Dimensions	7.28 x 4.13 x 1.73 inches (Package)
Weight	8.15 ounces (Package)

9. WARRANTY AND SUPPORT

The OWERSLYN Mini ATSC Tuner Box comes with a 1-year warranty from the date of purchase. Additionally, a 30-day money-back guarantee is offered.

For technical support, warranty claims, or any questions regarding your product, please contact OWERSLYN customer service. Contact information can typically be found on the product packaging or the official OWERSLYN website.

We are committed to providing reliable, quality products and support. If you encounter any issues, please do not hesitate to contact us for assistance.

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

