

DCOLOR DC-ATSC2024-4T

DCOLOR Digital Converter Box User Manual

Model: DC-ATSC2024-4T | Brand: DCOLOR

1. INTRODUCTION

This manual provides comprehensive instructions for the DCOLOR Digital Converter Box, Model DC-ATSC2024-4T. This device allows you to watch and record free over-the-air digital television channels on various display devices with HDMI input, including TVs, monitors, and projectors. It features a compact design for discreet placement and includes a 2-in-1 learning remote control for integrated control.

What's in the Box

- Mini Digital TV Converter
- Remote Control
- HDMI Cable
- IR Receiver
- USB to DC Cable
- User's Manual

What's in the Box



Remote Control x1

ATSC Stick x1

Box x1

User's manual x1



HDMI Cable X1



IR Receiver x1



USB to DC Cable x1

Figure 1: Package Contents - Mini Digital TV Converter, Remote Control, HDMI Cable, IR Receiver, USB to DC Cable, and User's Manual.

2. PRODUCT OVERVIEW

The DCOLOR Digital Converter Box is designed for ease of use and discreet integration into your entertainment setup. Its compact size allows it to be hidden behind your TV, saving space.

Key Features:

- **Free Over-The-Air Channels:** Watch and record local channels (ABC, CBS, FOX, NBC, PBS).
- **Universal HDMI Output:** Compatible with TVs, monitors, and projectors with HDMI input. Supports 1080P Super HD resolution.
- **DVR Functionality:** Record shows to a USB drive for later viewing. Schedule recordings with timer settings.
- **Electronic Program Guide (EPG):** Access upcoming show information and manage favorite channels.
- **2-in-1 Learning Remote:** Control both the converter box and your existing TV with a single remote.
- **USB Power:** Can be powered directly from your TV's USB 5V port.

Device Ports and Components:

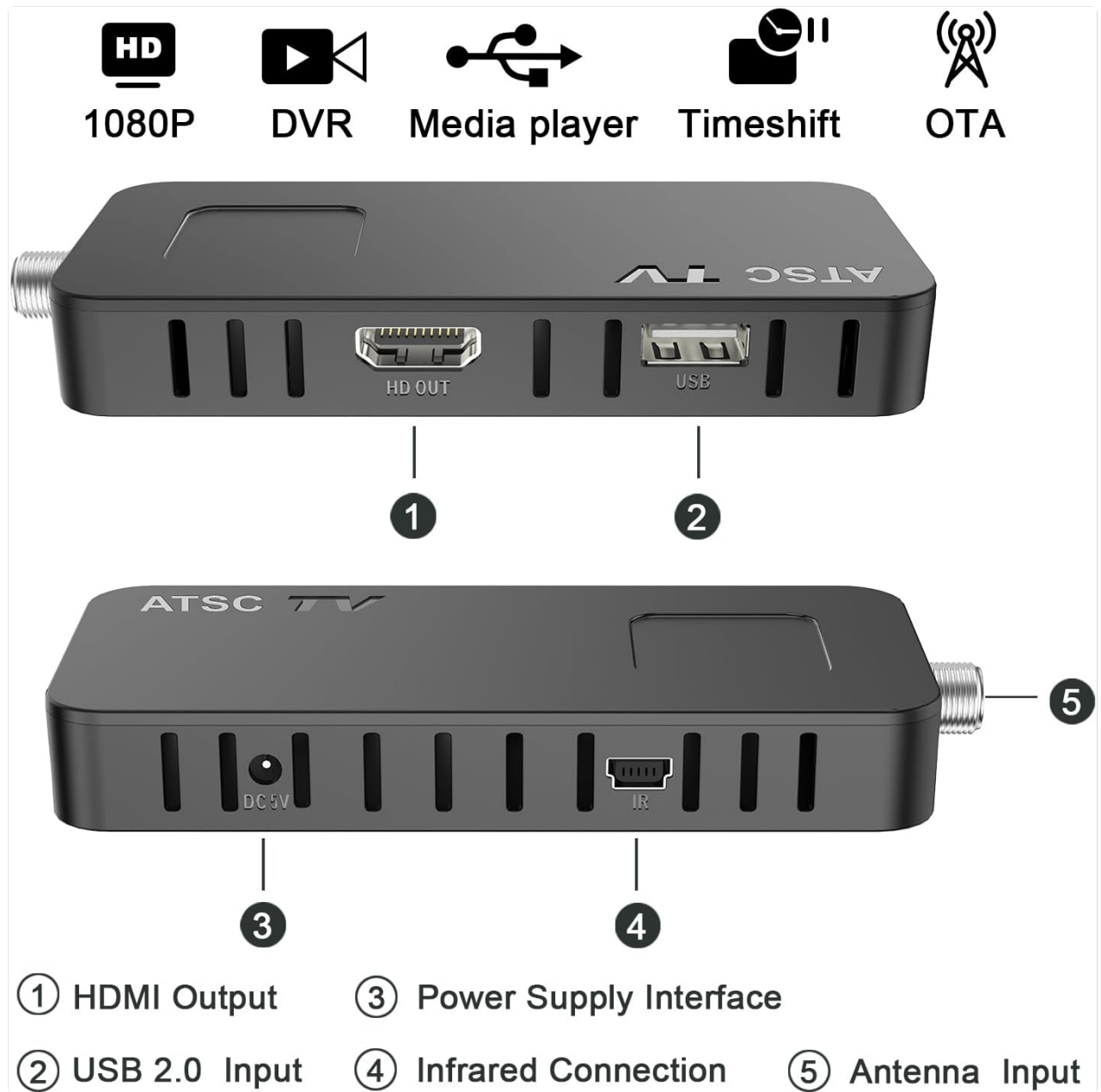


Figure 2: Device Ports - (1) HDMI Output, (2) USB 2.0 Input, (3) Power Supply Interface (DC 5V), (4) Infrared Connection, (5) Antenna Input.



Figure 3: DCOLOR Digital Converter Box and its accompanying 2-in-1 Learning Remote Control.

3. SETUP INSTRUCTIONS

Follow these steps to set up your DCOLOR Digital Converter Box:

1. **Connect HDMI:** Plug the HDMI cable from the converter box into an available HDMI port on your TV, monitor, or projector.
2. **Connect Power:** Connect the USB to DC cable to the converter box's power input. Plug the USB end into a 5V USB port on your TV or use a USB wall adapter (not included).
3. **Connect IR Receiver:** Plug the IR receiver cable into the designated port on the converter box. Position the IR receiver in a location where it can receive signals from your remote control, typically near the front

of your TV.

4. **Connect Antenna:** Connect your digital TV antenna to the Antenna Input (5) on the converter box. Ensure your antenna is properly positioned for optimal signal reception.

5. **Initial Setup & Channel Scan:**

- Turn on your TV and select the correct HDMI input source.
- The converter box should display an initial setup screen. Follow the on-screen prompts to select your OSD Language and Country.
- Initiate an "Auto Search" or "Channel Search" to scan for available over-the-air channels. This process may take several minutes.
- Once the scan is complete, you should be able to view available channels.



Figure 4: Connection Diagram - Illustrates connecting the HDMI cable, power, IR receiver, and antenna to the converter box and TV.

2-in-1 Learning Remote Control



Figure 5: Discreet Placement - The compact design allows the converter box to be hidden behind your TV.

Video: How to setup the TV Tuner

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This video demonstrates the step-by-step process of setting up the DCOLOR Digital Converter Box, including connecting all necessary cables and performing a channel scan.

4. OPERATING INSTRUCTIONS

Utilize the included 2-in-1 learning remote control to navigate and operate your DCOLOR Digital Converter Box.

Remote Control Functions:

Signal Enhanced, More HD Channels



Figure 6: Remote Control Layout - Key buttons for channel, volume, menu, and DVR functions.

- **Power Button:** Turns the converter box on/off.
- **CH+/CH-:** Change channels up or down.
- **VOL+/VOL-:** Adjust volume up or down.
- **OK Button:** Confirm selections or display the channel list.
- **MENU Button:** Access the main menu for settings and options.
- **EPG Button:** View the Electronic Program Guide for program schedules.
- **REC Button:** Start recording the current program to a connected USB drive.
- **PVR Button:** Access recorded content for playback.
- **TIMER Button:** Set scheduled recordings.

2-in-1 Learning Remote Setup:

The remote can learn functions from your existing TV remote to control both devices with one remote.

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This video provides instructions on how to pair the DCOLOR remote control with your TV remote for 2-in-1 functionality.

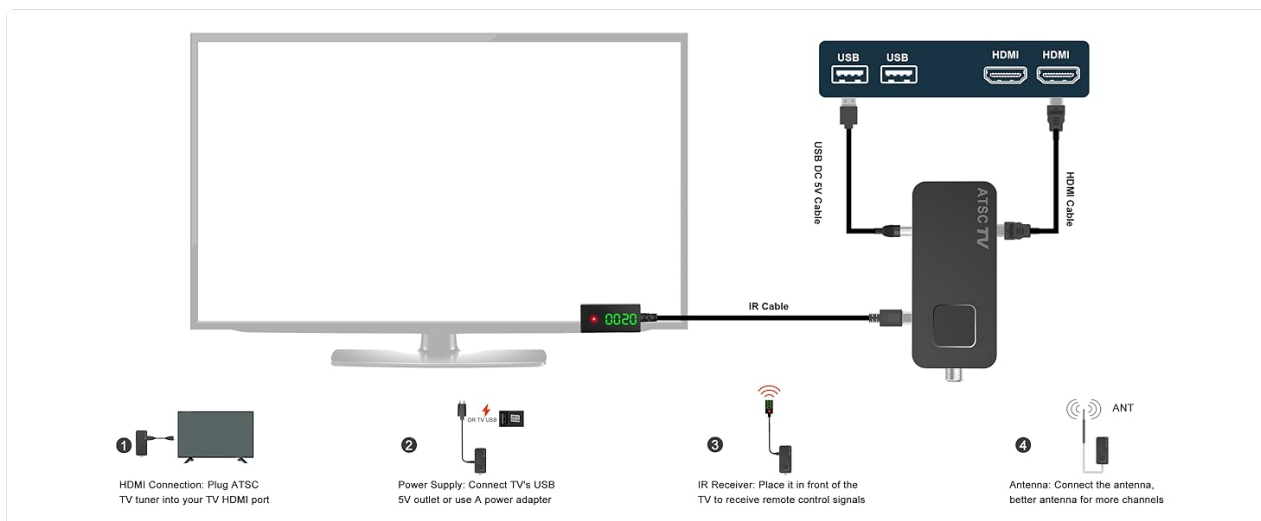


Figure 7: Remote Control Comparison - Illustrates how the 2-in-1 remote can replace multiple remotes.

DVR and Media Playback:

To use the DVR function, connect a USB drive (not included) to the USB 2.0 Input (2) on the converter box. You can record live TV or schedule recordings via the EPG or Timer function.

- **Instant Recording:** Press the REC button during live TV to start recording. Press again to stop.
- **Scheduled Recording:** Use the EPG or TIMER button to set specific times and channels for recording.
- **Playback:** Press the PVR button to access your recorded files. You can also play back various media files (music, photos, movies) stored on the USB drive.

HDMI 1080P For Projector

Watch free TV on the cinema level



Figure 8: Channel Reception - Enjoy clear reception of major local channels.

Plug and Play, Easy to Setup

Hidden the ATSC Stick, save more space



Figure 9: Projector Compatibility - Watch free TV on a larger screen by connecting to a projector.

5. MAINTENANCE

To ensure the longevity and optimal performance of your DCOLOR Digital Converter Box, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the device. Do not use liquid cleaners or aerosols.
- **Ventilation:** Ensure the device has adequate ventilation. Do not block the ventilation slots.
- **Storage:** If storing the device for an extended period, disconnect it from power and store it in a cool, dry place.
- **Handle with Care:** Avoid dropping the device or subjecting it to strong impacts.

6. TROUBLESHOOTING

If you encounter issues with your DCOLOR Digital Converter Box, refer to the common problems and solutions below:

Problem	Possible Cause / Solution
No Signal / Black Screen	Ensure the HDMI cable is securely connected to both the converter box and the TV. Verify the TV is set to the correct HDMI input source. Check antenna connection and position. Perform a channel scan if not already done or if channels are missing. Ensure the power cable is properly connected and the device is powered on.
Remote Control Not Responding	Ensure the IR receiver is properly connected and positioned to receive signals from the remote. Check the batteries in the remote control and replace if necessary. Ensure there are no obstructions between the remote and the IR receiver.
Cannot Record to USB Drive	Ensure the USB drive is properly inserted into the USB 2.0 port. Check if the USB drive has sufficient free space. Verify the USB drive is formatted to a compatible file system (e.g., FAT32, NTFS).
Flickering Screen / Poor Picture Quality	Check antenna signal strength in the menu. Adjust antenna position if signal is weak. Ensure all cables are securely connected. Try a different HDMI cable.
Forgot Password / Reset Device	To reset the device to factory defaults, navigate to the System menu and select "Restore Factory Default". The default passwords are typically 000000 or 888888.

Video: How to reset it? (password 000000 or 888888)

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This video demonstrates the process of resetting the DCOLOR Digital Converter Box to factory settings, including entering the default password.

7. SPECIFICATIONS

Feature	Detail
Brand	DCOLOR
Model Number	DC-ATSC2024-4T
Mounting Type	Hidden Behind TV
Interface Type	USB, HDMI
Maximum Supply Voltage	5 Volts

Feature	Detail
Number of Channels	4 (Digital Tuner)
Item Weight	1.92 ounces
Package Dimensions	7.52 x 5.39 x 0.94 inches
Country of Origin	China

8. WARRANTY AND SUPPORT

DCOLOR products come with a **one-year quality assurance**. If you have any questions or require assistance with your product during use, please contact DCOLOR customer support via email.

The product also includes a **7-day return policy**.

For support inquiries, please refer to the contact information provided in your product packaging or the initial setup screen of the device.