

Coby DTV-700

COBY DTV-700 Digital to Analog TV Converter User Manual

Model: DTV-700

1. INTRODUCTION

Thank you for purchasing the COBY DTV-700 Digital to Analog TV Converter. This device allows you to receive digital broadcast television signals and convert them for display on older analog televisions. It also functions as a multimedia player, supporting various audio, video, and image formats via its USB port, and offers recording capabilities. Please read this manual thoroughly before operating the device to ensure proper use and to maximize your viewing experience.

2. PACKAGE CONTENTS

Please check the box for the following items:

- COBY DTV-700 Digital to Analog TV Converter
- Remote Control
- AC/DC Power Adapter
- AV Cable (RCA)
- User Manual (this document)



Image 2.1: The COBY DTV-700 Digital to Analog TV Converter. This image shows the compact design of the converter unit, typically black with various ports and indicators.

3. SAFETY INFORMATION

To ensure safe operation and prevent damage, please observe the following precautions:

- Do not expose the unit to rain, moisture, or extreme temperatures.
- Do not open the casing; refer all servicing to qualified personnel.
- Ensure proper ventilation around the unit to prevent overheating.
- Use only the provided power adapter.
- Keep the unit away from direct sunlight, heat sources, and strong magnetic fields.
- Dispose of batteries and electronic waste responsibly according to local regulations.

4. PRODUCT OVERVIEW

4.1 Front Panel

The front panel typically includes:

- **Power Indicator:** Lights up when the unit is on.
- **Channel Up/Down Buttons:** For changing channels.
- **Menu Button:** Accesses the main menu.
- **USB Port:** For connecting USB storage devices for media playback and recording.

4.2 Rear Panel

The rear panel provides all necessary connection ports:

- **ANT IN:** Connects to your antenna for receiving digital signals.
- **HDMI OUT:** Connects to an HDMI-compatible TV for high-definition output.
- **AV OUT (RCA):** Connects to older analog TVs using composite video (yellow) and stereo audio (red/white) cables.
- **COAXIAL OUT:** Digital audio output (if available).
- **DC IN:** Connects to the provided AC/DC power adapter.

5. SETUP

5.1 Connecting the Converter

1. **Connect Antenna:** Connect your digital antenna to the **ANT IN** port on the rear of the DTV-700.
2. **Connect to TV:**
 - For Analog TVs: Use the supplied AV cable. Connect the yellow plug to the video input of your TV, and the red/white plugs to the corresponding audio inputs. Connect the other end to the **AV OUT** ports on the DTV-700.
 - For Digital/HDTVs: Use an HDMI cable (not included). Connect one end to the **HDMI OUT** port on the DTV-700 and the other end to an available HDMI input on your TV.
3. **Connect Power:** Plug the AC/DC power adapter into the **DC IN** port on the DTV-700, then plug the adapter into a wall outlet.

5.2 Initial Setup and Channel Scan

1. Turn on your TV and select the correct input source (e.g., AV1, HDMI1) that corresponds to your connection.
2. Power on the DTV-700 using the remote control or the power button on the front panel.

3. The first time you power on, an initial setup wizard may appear. Follow the on-screen prompts to select your language and country.
4. Initiate an automatic channel scan. This will search for all available digital channels in your area. This process may take several minutes. Do not interrupt the scan.
5. Once the scan is complete, the converter will tune to the first available channel.

6. OPERATING INSTRUCTIONS

6.1 Remote Control Functions

The remote control provides full functionality for your DTV-700. Ensure two AAA batteries are inserted correctly (batteries not included).

- **POWER:** Turns the unit on or off.
- **CH +/-:** Changes channels up or down.
- **VOL +/-:** Adjusts volume.
- **MENU:** Accesses the main menu.
- **EXIT:** Exits the current menu or function.
- **INFO:** Displays current channel information.
- **OK / Navigation Buttons:** Confirms selections and navigates menus.
- **REC:** Starts recording the current program.
- **PLAY/PAUSE, STOP, FF, REW:** Media playback controls.
- **USB:** Switches to USB media playback mode.

6.2 Channel Navigation

Use the **CH +/-** buttons on the remote or front panel to browse channels. You can also directly enter a channel number using the numeric keypad on the remote.

6.3 Main Menu

Press the **MENU** button to access settings for Program, Picture, Sound, Time, Option, and System. Use the navigation buttons to select options and **OK** to confirm.

7. MEDIA PLAYBACK

The DTV-700 supports media playback from a USB storage device (e.g., USB flash drive, external hard drive). Insert your USB device into the USB port on the front panel.

7.1 Supported Formats

- **Music:** MP3, WMA
- **Photo:** JPG, BMP, PNG
- **Video:** MKV, AVI, DIVX, XVID, MOV, VOB, FLV, DAT, MPEG, MP4, TS

7.2 Playing Media

1. Insert a USB storage device into the USB port.
2. Press the **USB** button on the remote control or navigate to the 'Multimedia' section in the main menu.
3. Select the desired media type (Music, Photo, Video) and browse your files.
4. Use the navigation buttons to select a file and press **OK** to play.

8. RECORDING FEATURES

The DTV-700 allows you to record live TV programs to a connected USB storage device.

8.1 Instant Recording

While watching a program, press the **REC** button on the remote control to start recording. Press **STOP** to end the recording.

8.2 Scheduled Recording (PVR)

Access the PVR (Personal Video Recorder) or Schedule menu via the main menu to set up timed recordings. You will need to specify the channel, start time, end time, and date for the recording.

9. TROUBLESHOOTING

Problem	Possible Cause / Solution
No picture or sound	<ul style="list-style-type: none">• Ensure all cables (power, AV/HDMI, antenna) are securely connected.• Verify your TV is set to the correct input source (AV, HDMI).• Check if the converter is powered on.
Poor picture quality / No channels	<ul style="list-style-type: none">• Check antenna connection and position. Try repositioning the antenna.• Perform a new channel scan.• Ensure you are in an area with digital broadcast coverage.
Remote control not working	<ul style="list-style-type: none">• Ensure batteries are inserted correctly and are not depleted (requires 2 AAA batteries).• Point the remote directly at the converter's IR sensor.• Remove any obstructions between the remote and the converter.
USB media not playing	<ul style="list-style-type: none">• Ensure the USB device is properly inserted.• Check if the media file format is supported (refer to Section 7.1).• The USB device may require formatting to FAT32 or NTFS.

10. SPECIFICATIONS

- **Model:** DTV-700
- **Brand:** Coby
- **Input:** Digital TV Antenna (ATSC/DVB-T/T2 compatible, depending on region)
- **Output:** HDMI, AV (RCA Composite Video/Audio)
- **USB Port:** Yes (for media playback and PVR)
- **Supported Media Formats:**
 - Music: MP3, WMA
 - Photo: JPG, BMP, PNG

- Video: MKV, AVI, DIVX, XVID, MOV, VOB, FLV, DAT, MPEG, MP4, TS
- **Power:** AC/DC Adapter (Input: 100-240V ~ 50/60Hz, Output: typically 5V-12V DC)
- **Dimensions:** Approximately 20 x 15.6 x 6.2 cm (Package dimensions)
- **Weight:** Approximately 490 g (Package weight)
- **Remote Control Batteries:** 2 x AAA (not included)

11. MAINTENANCE

To ensure the longevity and optimal performance of your DTV-700 converter:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the unit. Do not use liquid cleaners or abrasive chemicals.
- **Ventilation:** Ensure the ventilation openings are not blocked to prevent overheating.
- **Storage:** If storing the unit for an extended period, disconnect it from power and store it in a cool, dry place.

12. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the warranty card included with your product or visit the official Coby website. Keep your purchase receipt as proof of purchase for any warranty claims.

Coby is committed to providing quality products and customer satisfaction. If you encounter any issues not covered in this manual, please contact Coby customer service for assistance.