Portta CHR202

Portta VHS to Digital Converter CHR202 User Manual

Model: CHR202

1. PRODUCT OVERVIEW

The Portta VHS to Digital Converter (Model CHR202) is designed to convert analog video sources such as VHS, VCR, DVR, DVD, Hi8, Mini DV, camcorders, and gaming consoles into digital MP4 files. It features a 5-inch HD LCD screen for real-time preview and playback, customizable image settings, and flexible storage options.

Image 1.1: Portta VHS to Digital Converter CHR202 with included accessories.

2. PACKAGE CONTENTS

- Portta VHS to Digital Converter (CHR202)
- Power Adapter
- Remote Control
- AV Cable (RCA)
- Component Cable (YPbPr)
- 3.5mm to RCA Audio Cable
- HDMI Cable
- User Manual

Image 2.1: Contents of the Portta VHS to Digital Converter package.

3. DEVICE LAYOUT AND CONNECTIONS

Familiarize yourself with the various ports and controls on the converter.

Image 3.1: Front and side panel descriptions of the Portta CHR202 converter.

Input/Output Ports:

- **12V/1A Power Port:** Connect the included power adapter.
- **HDTV Output:** HDMI output for previewing on an external display.
- **AV/CVBS Input:** Yellow (video), White (left audio), Red (right audio) RCA connectors for composite video sources.
- **YPbPr Input:** Green (Y), Blue (Pb), Red (Pr) RCA connectors for component video, plus White (left audio), Red (right audio) RCA for audio.
- **AUX 3.5mm Input & Output:** For external audio input or headphone output.
- **USB Slot:** For connecting USB flash drives or portable hard drives.
- **TF Card Slot:** For inserting TF (MicroSD) cards.

Controls:

- **Power ON/OFF:** Button to turn the device on or off.
- **REC/STOP:** Button to start and stop recording.
- **Snapshot:** Button to capture a still image.

- **Input Selection:** Button to cycle through input sources (AV, YPbPr, AUX).

- **Navigation Buttons (Up, Down, Left, Right, OK):** For menu navigation and selection.

- **Menu/Home Button:** Access the main menu or return to the home screen.

- **Backward Button:** Go back in menus.

- **Volume +/- Button:** Adjust audio volume.

4. SETUP AND FIRST USE

Follow these steps to set up your Portta VHS to Digital Converter.

1. **Connect Power:** Connect the included power adapter to the 12V/1A Power Port on the converter and plug it into a power outlet. The device will power on automatically.

2. **Insert Storage:** Insert a USB flash drive (formatted to NTFS for best performance) into the USB slot or a TF card into the TF card slot. The USB LED indicator will light up upon proper connection.

3. **Connect Input Source:**
   - **For AV (Composite) Input:** Connect the yellow, white, and red RCA cables from your source device (e.g., VCR, DVD player) to the corresponding AV/CVBS Input ports on the converter. Ensure color matching.
   - **For Component (YPbPr) Input:** Connect the green, blue, and red RCA cables for video, and the white and red RCA cables for audio from your source device to the corresponding YPbPr Input ports on the converter.

4. **Select Input Source:** Use the 'Input Selection' button on the device or remote to switch to the correct input source (AV, YPbPr, or AUX) that matches your connected device.

5. **Preview:** The video feed from your source device should now be visible on the 5-inch HD LCD screen. You can also connect an external display via the HDTV Output (HDMI) for a larger view.

Quick Start Guide for CHR202P

(Using AV Input and USB Flash Drive as an Example)

Step ❶

Connect the included power adapter to the recorder. The recorder's built-in screen will turn on.

Step ❷

Insert the USB flash drive into the USB port on the recorder. The USB LED indicator will remain lit, confirming a proper connection. We recommend using the NTFS format for best performance.

Step ❸

Connect one end of the included AV cable to the CVBS, R and L input ports on the recorder, making sure the colors match. Connect the other end to the corresponding CVBS, R and L output ports on your device (e.g. VHS player, camcorder, etc.). Ensure the recorder's built-in screen displays the input source as CVBS. You can use the ⏎ button to switch between CVBS, YPbPr or AUX input sources.

Step ❹

Playback on your input device (e.g. VHS player, camcorder). You can verify that the video and audio are properly received and output through the recorder's built-in screen and speaker.

Step ❺

Press the [REC STOP] button to start recording. Recording time will appear on the screen, and the USB LED indicator will keep flashing.

Step ❻

Once recording is complete, press the [REC STOP] button again to stop the recording. A "Saving..." message will appear on the built-in screen. If you need to use the Auto-Stop Timer function, please refer to page 15 of the included User Manual.

Step ❼

Press the 🏠 button, navigate to the 🎞 section, and use the up/down arrows to select the video file you wish to preview. Press the [OK] button to play the selected file.

Step ❽

You can unplug the USB flash drive from the recorder and connect it to a PC or laptop for permanent storage and playback. For the best playback experience, we recommend using 🔶 VLC Media Player.

Image 4.1: Quick start guide illustrating connections for AV input and USB flash drive.

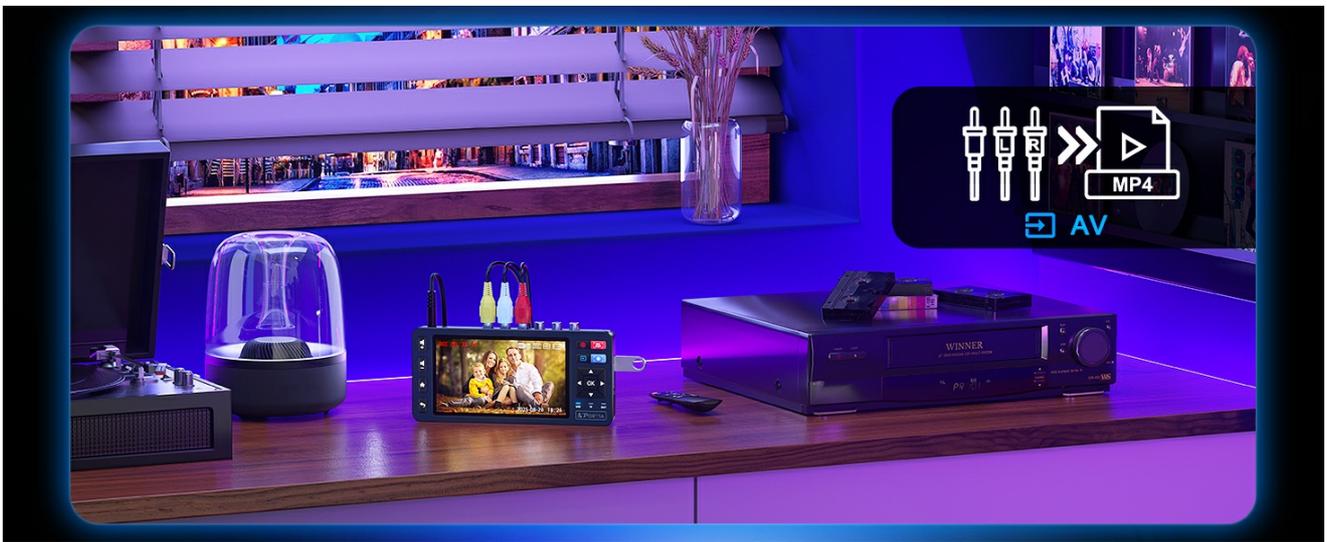Image 4.2: Example of connecting an AV source to the converter.

Image 4.3: Example of connecting a YPbPr source to the converter.

5. Operating Instructions

5.1 Recording Video

1. Ensure your source device is playing the content you wish to record.

2. Press the **REC/STOP** button on the converter or remote control to begin recording. The recording indicator will appear on the screen.

3. To stop recording, press the **REC/STOP** button again. A "Saving..." message will appear, and the recorded file will be saved to your connected storage device.
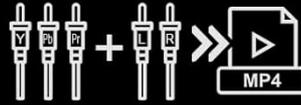
Image 5.1: The converter supports recording from AV, YPbPr, and AUX inputs.

5.2 Recording Audio (AUX Input)

The converter can also record audio only from an AUX input, saving it as an MP3 file.

1. Connect your audio source to the AUX 3.5mm Input.

2. Select AUX as the input source using the 'Input Selection' button.

3. Press the **REC/STOP** button to start audio recording.

4. Press **REC/STOP** again to stop and save the MP3 file.

Image 5.2: Recording audio via the AUX input.

5.3 Playback and File Management

To play back recorded files or manage them:

- Press the 'Menu/Home' button to access the main menu.
- Navigate to the 'Playback' or 'File Management' section using the navigation buttons.
- Select the desired file to play or perform other actions like deleting.

5.4 Image Settings

You can adjust video quality settings directly on the device.

- Access 'Image Settings' from the menu.
- Adjust **Brightness**, **Contrast**, and **Saturation** to optimize video quality.

Image 5.3: Customizable image settings for brightness, contrast, and saturation.

5.5 Aspect Ratio

The device supports both 4:3 and 16:9 aspect ratios. You can select your preferred ratio in the settings menu.

Image 5.4: Choose between classic 4:3 or modern 16:9 aspect ratios.

6. MAINTENANCE

To ensure the longevity and optimal performance of your Portta VHS to Digital Converter, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the device. Do not use liquid cleaners or abrasive materials. For the screen, use a screen-specific cleaning solution and a microfiber cloth.
- **Storage:** Store the device in a cool, dry place away from direct sunlight, extreme temperatures, and high humidity.
- **Handling:** Avoid dropping the device or subjecting it to strong impacts.
- **Power:** Always use the provided power adapter. Disconnect the power when the device is not in use for extended periods.

7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
No video signal on screen	Incorrect input source selected; Loose cable connections; Source device not playing.	Ensure the correct input (AV/YPbPr) is selected. Check all cable connections are secure. Verify the source device is powered on and playing content.
No audio	Audio cables not connected; Volume too low; Incorrect audio input.	Ensure white and red audio RCA cables are connected. Increase volume on the converter and source device. Confirm the correct input source is selected.
Recording fails or stops unexpectedly	Storage device full; Incompatible storage format; Loose storage device.	Check available space on your USB drive or TF card. Ensure the storage device is formatted to NTFS (recommended). Reinsert the storage device securely.
Poor video quality	Dirty input cables/ports; Incorrect image settings; Low quality source.	Clean cable connectors and ports. Adjust brightness, contrast, and saturation in the settings. Note that the output quality is dependent on the input source quality.

Problem	Possible Cause	Solution
Device does not power on	Power adapter not connected; Faulty power outlet.	Ensure the power adapter is securely connected to the device and a working power outlet. Try a different outlet.

8. SPECIFICATIONS

Feature	Detail
Model Number	CHR202
Product Dimensions	6.85 x 3.23 x 0.91 inches
Item Weight	7.8 ounces
Display Screen	5-inch HD LCD
Compatible Devices	DVD, DVR, Hi8, Camcorder, Mini DV Players, Gaming Consoles, VCR, VHS
Connector Type	HDMI Output Preview, RCA (AV/Component), AUX Input
Video Input Formats	AV (CVBS), Component (YPbPr)
Audio Input	R/L Stereo Audio, AUX 3.5mm
Video Output Format	MP4 (Full HD 1080p at 60fps)
Audio Output Format	MP3 (from AUX input)
Supported TV Systems	PAL, NTSC, SECAM
Storage Options	USB Flash Drives, TF Cards, Portable HDDs, SSDs (Drives over 5TB may require external power)
Color	Black

9. WARRANTY AND SUPPORT

9.1 Warranty Information

This Portta product typically comes with a standard manufacturer's warranty. Please refer to the product packaging or the official Portta website for specific warranty terms and duration. Extended protection plans may also be available for purchase.

- **2-Year Protection Plan:** Available for purchase.
- **3-Year Protection Plan:** Available for purchase.

9.2 Customer Support

For technical assistance, troubleshooting, or warranty claims, please contact Portta customer support through their official website or the retailer where the product was purchased. Keep your purchase receipt and product model number (CHR202) handy when contacting support.