

Portta N3CCSHP

Portta N3CCSHP AV/S-Video to HDMI Converter User Manual

1.0 INTRODUCTION

The Portta N3CCSHP is an AV/S-Video to HDMI converter designed to upscale analog composite video (CVBS) or S-Video signals and R/L audio to a digital HDMI output. This device allows older equipment with analog outputs to connect to modern HDMI displays, supporting output resolutions of 720p or 1080p. It is ideal for integrating legacy devices like VCRs, DVD players, or gaming consoles with contemporary high-definition televisions or monitors.

2.0 PACKAGE CONTENTS

Please verify that all items listed below are included in your package. If any items are missing or damaged, please contact your retailer.

- Portta Composite/S-video to HDMI Converter (Model: N3CCSHP) x1
- DC 5V Power Adapter x1
- User Manual x1
- Warranty Card x1



Image: The Portta N3CCSHP converter, DC 5V power adapter, user manual, and warranty card are included in the package.

3.0 FEATURES

- Converts analog Composite (RCA) and S-Video signals with R/L audio to digital HDMI output.
- Built-in scaler supports selectable HDMI output resolutions of 720p or 1080p.
- HDMI transmission rate: 5Gbps; Channel bandwidth: 165MHz/1.65Gbps per channel (4.95Gbps all channels).
- Utilizes Motion Compensated 3D Wavelet Video Coding for enhanced picture quality and vivid colors.
- Includes a 3.5mm audio output for connecting to earphones or external speaker systems.
- Plug and play operation, requiring no additional drivers for installation.

4.0 SETUP AND INSTALLATION

Follow these steps to connect your Portta N3CCSHP converter:

1. **Connect Source Device:** Connect your analog source device (e.g., DVD player, VCR, game console) to the converter's AV (Composite Video and R/L Audio) or S-Video input ports using appropriate cables.
2. **Connect Display:** Connect an HDMI cable from the converter's HDMI output port to an HDMI input port on your television or monitor.

3. **Connect Audio Output (Optional):** If desired, connect headphones or an external speaker system to the 3.5mm audio output jack on the converter.
4. **Connect Power:** Plug the included DC 5V power adapter into the converter's DC 5V input port, then plug the adapter into a standard electrical outlet.
5. **Select Output Resolution:** Use the '720P/1080P' switch on the converter to select your desired HDMI output resolution (720p or 1080p).



Image: This diagram illustrates the connection points for S-Video, CVBS (RCA), R/L audio input, HDMI output, and DC 5V power on the Porta N3CCSHP converter.

5.0 OPERATING INSTRUCTIONS

Once the converter is set up, follow these steps for operation:

1. **Power On Devices:** Ensure your source device, the Porta N3CCSHP converter, and your HDMI display are all powered on.
2. **Select Input on Display:** Switch your television or monitor's input source to the HDMI port where the converter is connected.
3. **Verify Resolution:** Confirm the desired output resolution (720p or 1080p) is selected using the switch on the converter. The converter will automatically scale the input signal to the chosen HDMI output

resolution.

4. **Enjoy Content:** The video and audio from your analog source device should now be displayed on your HDMI screen.



Image: The Portta N3CCSHP converter is shown connected between an older DVD player (via RCA cables) and a modern television, demonstrating a typical operational setup.

6.0 TROUBLESHOOTING

If you encounter issues, please refer to the following troubleshooting guide:

- **No Picture on Display:**

- Ensure the converter is powered on and the power LED is illuminated.
- Check all cable connections (AV/S-Video, HDMI, power) are secure.
- Verify that your display is set to the correct HDMI input source.
- Try switching the 720p/1080p resolution button on the converter.
- Test with different cables or a different display if possible.

- **Poor Picture Quality or Distorted Image:**

- Ensure the input signal from your source device is clean and stable.

- Check the quality of your AV or S-Video cables. Damaged or low-quality cables can affect signal integrity.
- Try adjusting the resolution switch on the converter (720p vs. 1080p) to see if one provides better results for your display.

- **No Audio Output:**

- Verify that the R/L audio cables are correctly connected from your source device to the converter.
- Check the audio settings on your source device and display.
- If using the 3.5mm audio output, ensure your headphones or speakers are properly connected and powered.

7.0 SPECIFICATIONS

Input Ports	1x Composite Video (RCA), 1x S-Video, 1x R/L Audio (RCA)
Output Ports	1x HDMI, 1x 3.5mm Audio Jack
HDMI Output Resolutions	720p, 1080p (selectable)
HDMI Transmission Rate	5Gbps
Channel Bandwidth	165MHz/1.65Gbps per channel (4.95Gbps all channels)
Power Supply	DC 5V
Dimensions (L x W x H)	3.7 x 2.4 x 0.8 inches (112 x 70 x 23 mm)
Weight	0.15 Pounds (68g)
Model Number	N3CCSHP

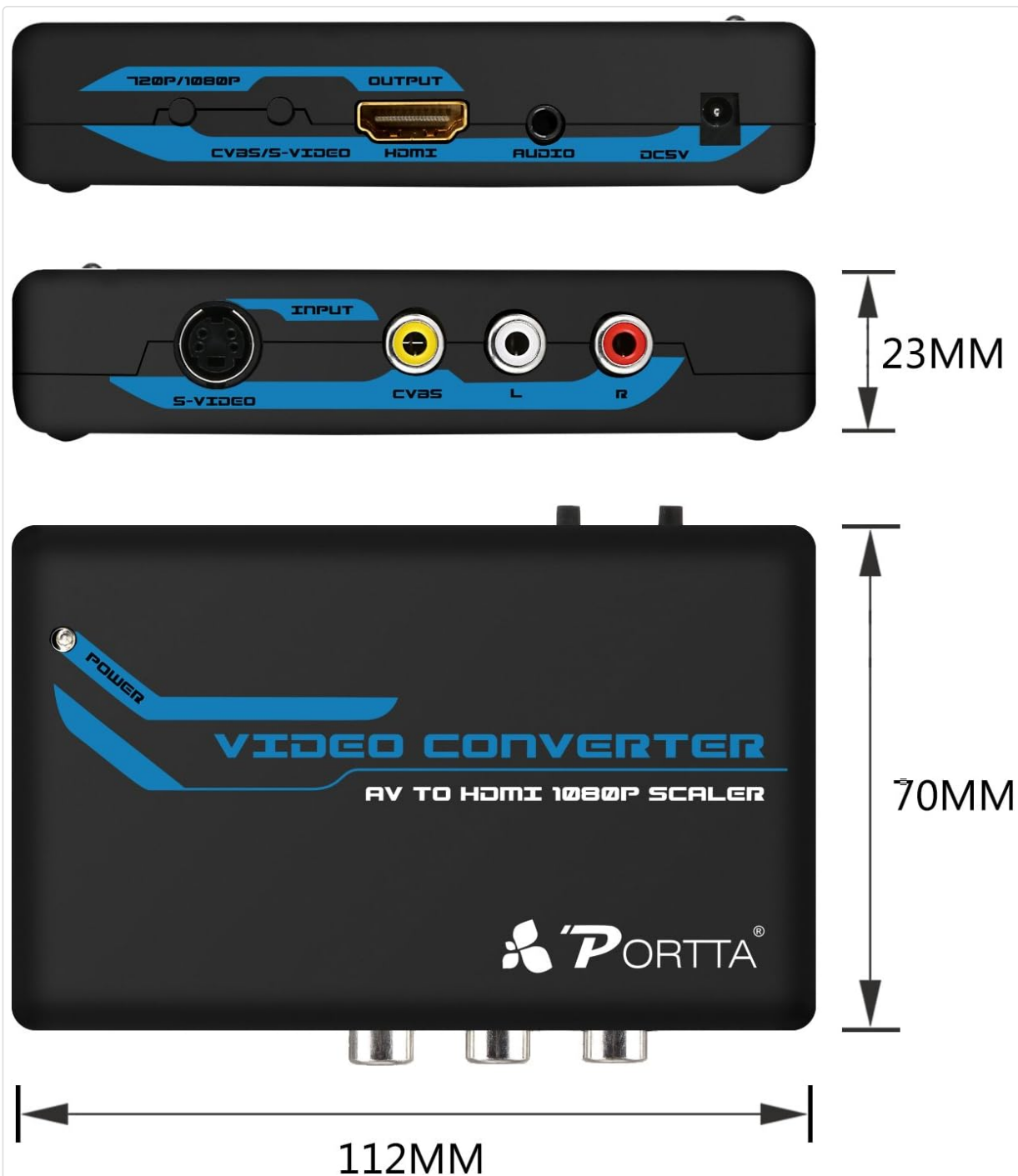


Image: This image provides the physical dimensions of the Portta N3CCSHP converter, measuring 112mm in length, 70mm in width, and 23mm in height.

8.0 MAINTENANCE

To ensure the longevity and optimal performance of your Portta N3CCSHP converter, please observe the following maintenance guidelines:

- Keep the device in a dry environment and avoid exposure to moisture or liquids.
- Clean the converter with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.
- Avoid placing the device in direct sunlight or near heat sources.
- Do not attempt to open or modify the converter, as this will void the warranty and may cause damage.

9.0 WARRANTY AND SUPPORT

The Portta N3CCSHP AV/S-Video to HDMI Converter comes with a **5-Year Worry-Free Warranty**. This warranty covers defects in materials and workmanship under normal use.

For technical support, warranty claims, or further assistance, please refer to the contact information provided on your warranty card or visit the official Portta website. Please have your model number (N3CCSHP) and proof of purchase available when contacting support.