

## Tengchi R18

# Tengchi RCA to HDMI Converter User Manual

Model: R18 | Brand: Tengchi

### 1. INTRODUCTION

The Tengchi RCA to HDMI Converter is designed to convert analog composite video and audio signals into a digital HDMI 1080p output. This allows older devices with RCA (Yellow, White, Red) outputs to be connected to modern HD televisions, monitors, or projectors that only have HDMI inputs. It is a plug-and-play device, requiring no additional drivers for installation.



*Figure 1: Tengchi RCA to HDMI Converter with included cables.*

## 2. PACKAGE CONTENTS

Upon opening the package, you should find the following items:

- 1x RCA Female to HDMI Converter
- 1x HDMI Cable
- 1x USB Power Cable
- 1x User Manual

# Package Includes

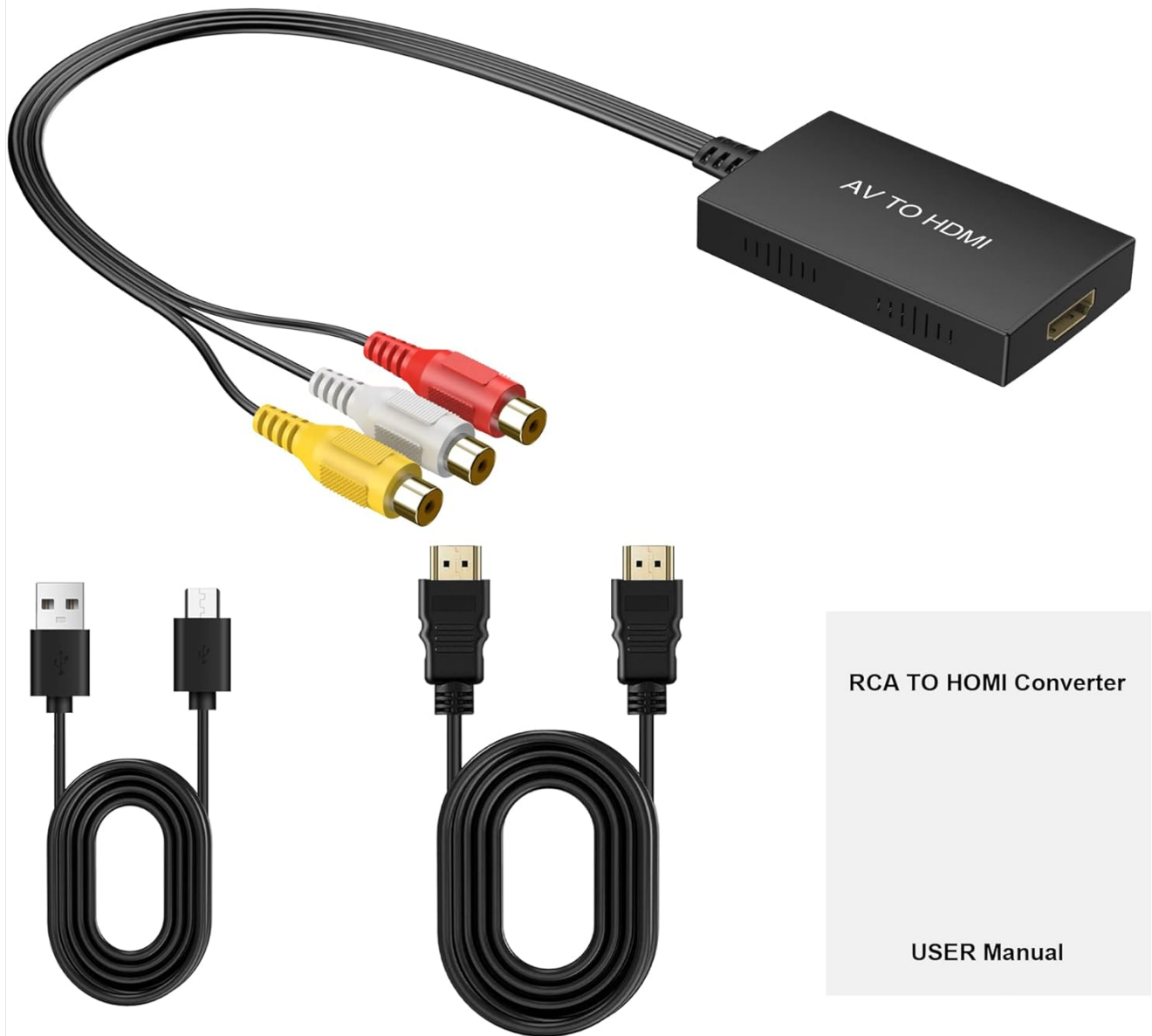
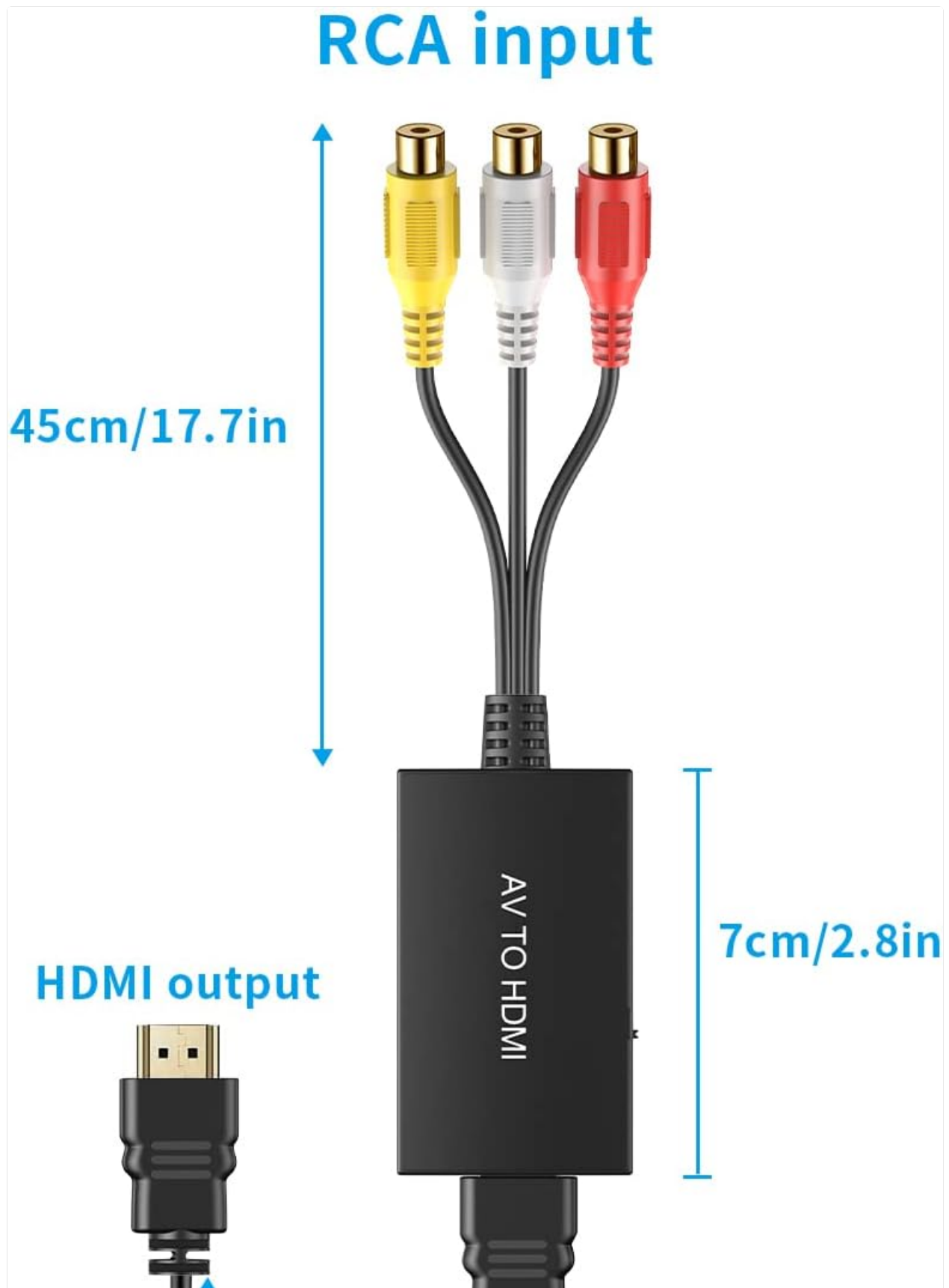


Figure 2: All items included in the product package.

## 3. SPECIFICATIONS

Feature	Detail
Product Dimensions	5.91 x 5.91 x 0.71 inches
Item Weight	4.6 ounces
Model Number	R18
Compatible Devices	PS1/2/3, VHS, VCR, Blue-Ray DVD Players
Specific Uses For Product	TV, Xbox, DVD Player

Connector Type	RCA Female to HDMI Female
Color	Black
Input Ports	1x RCA Female (Yellow, White, Red)
Output Ports	1x HDMI 1.3 1080p
Supported TV Formats	PAL, NTSC3.58, NTSC4.43, SECAM, PAL/M, PAL/N





*Figure 3: Product dimensions and cable lengths.*

#### 4. SETUP INSTRUCTIONS

Follow these steps to connect your Tengchi RCA to HDMI Converter:

1. **Connect RCA Cables:** Plug the RCA (Yellow for video, White for left audio, Red for right audio) cables from your source device (e.g., VCR, DVD player, game console) into the corresponding female RCA input ports on the converter.

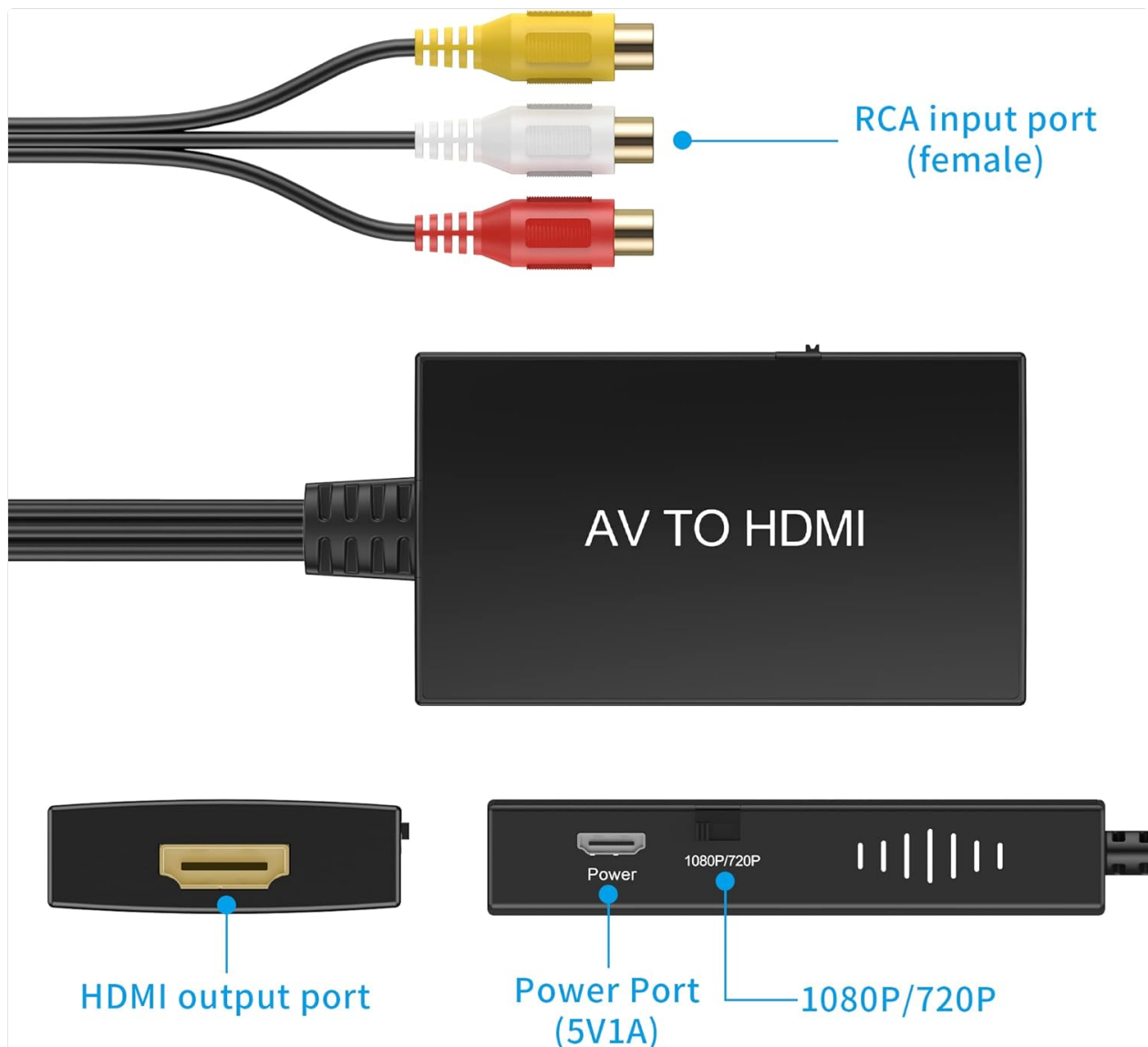


Figure 4: RCA input ports (Yellow, White, Red) on the converter.

2. **Connect HDMI Cable:** Connect one end of the HDMI cable (included) to the HDMI output port on the converter. Connect the other end of the HDMI cable to an available HDMI input port on your HD TV, monitor, or projector.



## RCA to HDMI Converter

### No need to install any drivers

Figure 5: Connection diagram from source device to converter and then to display.

3. **Provide Power:** Connect the included USB power cable to the converter's power input port. Plug the other end of the USB cable into a 5V 1A USB power source (not included), such as a USB port on your TV or a USB wall adapter. The converter requires external power to function.



Figure 6: The converter requires a 5V 1A USB power supply.

4. **Select Input on Display:** Switch your TV or monitor's input source to the HDMI port where the converter is



connected.

For a visual guide on setting up the converter, please watch the official product video below:

Your browser does not support the video tag.

*Video 1: Official guide on how to use the RCA to HDMI Converter, demonstrating the connection process.*

## 5. OPERATING INSTRUCTIONS

The Tengchi RCA to HDMI Converter is designed for simple operation:

- **Automatic Conversion:** The converter automatically detects and converts the analog composite signal to a 1080p HDMI signal.
- **Resolution Switch:** The converter features a switch to select between 720p and 1080p output resolutions. Choose the resolution that best suits your display and source device for optimal picture quality.



*Figure 7: The 720p/1080p resolution switch.*

- **Standard TV Format Support:** The converter supports various standard TV formats including PAL, NTSC3.58, NTSC4.43, SECAM, PAL/M, and PAL/N. This ensures broad compatibility with different regional video standards.

## 6. TROUBLESHOOTING

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

- **No Picture/Signal:**
  - Ensure all RCA and HDMI cables are securely connected to their respective ports.
  - Verify that the USB power cable is connected to a 5V 1A power source and the converter's power light (if any) is on.
  - Confirm that your TV/monitor input is set to the correct HDMI port.



- Try switching the 720p/1080p resolution switch on the converter. Some older TVs might prefer 720p.

- **Black and White Picture / No Color:**

- This often indicates an issue with the video signal format. Ensure the converter is set to the correct PAL/NTSC standard for your source device. The converter supports multiple formats, but incorrect selection can lead to monochrome output.
- Check that the yellow RCA cable (video) is securely connected.

- **Flickering Picture / Unstable Signal:**

- Ensure the power supply is stable and sufficient (5V 1A).
- Check for loose cable connections.
- Try a different HDMI cable or HDMI port on your TV.

- **No Audio / Distorted Audio:**

- Verify that the white (left audio) and red (right audio) RCA cables are correctly and securely connected.
- Check the audio settings on your TV/monitor.

- **Compatibility with Wii Consoles:**

Please note that the Tengchi RCA to HDMI Converter is designed for composite video (Yellow RCA). The Nintendo Wii console typically outputs video via component cables (Red, Green, Blue for video, plus Red, White for audio). While some Wii models might have composite output, the primary and higher quality output is component. This converter is **not compatible** with component video signals. If you are using a Wii, ensure you are using a Wii AV cable that specifically outputs composite video (Yellow, White, Red) and not component video. If your Wii only outputs component, a different type of converter (component to HDMI) would be required.

- **Picture Quality Not Improved:**

This converter converts an analog signal to digital; it does not upscale the resolution or improve the original quality of the analog signal. The output quality will be limited by the input quality of your source device. For example, a VHS tape will still appear as a VHS quality video on an HD screen, albeit converted to 1080p.

## 7. MAINTENANCE

To ensure the longevity and optimal performance of your Tengchi RCA to HDMI Converter, follow these maintenance guidelines:

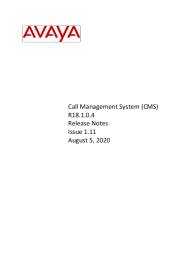


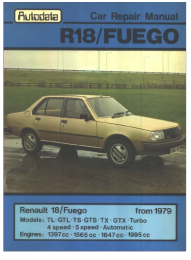

- Keep the device in a cool, dry place, away from direct sunlight, high temperatures, and humidity.
- Avoid exposing the converter to water or other liquids.
- Do not disassemble or attempt to repair the device yourself. This will void the warranty.
- Clean the converter with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.
- Disconnect the power when the device is not in use for extended periods.

## 8. WARRANTY AND SUPPORT

The Tengchi RCA to HDMI Converter comes with a**ONE YEAR WARRANTY**. If you are not satisfied for any reason whatsoever, or if you encounter any issues not covered in this manual, please do not hesitate to contact us. Our customer support team is available to assist you with any quality concerns or purchase errors.

To contact support, please refer to your purchase platform or the contact information provided with your product packaging.

Related Documents - R18

	<p><a href="#">Avaya Call Management System (CMS) R18.1.0.4 Release Notes</a></p> <p>Detailed release notes for Avaya's Call Management System (CMS) R18.1.0.4, covering bug fixes, new features, platform support, and installation information for enterprise communication environments.</p>
	<p><a href="#">R18 Smart Ring Instruction Manual and User Guide</a></p> <p>Comprehensive instruction manual for the R18 Smart Ring, covering setup, charging, app usage with JYouPro, features like heart rate and sleep tracking, troubleshooting, and FCC compliance. Learn how to connect and use your smart ring.</p>
	<p><a href="#">BLAHST R18 Wall-Mounted Retractable Pressure Washer User Guide</a></p> <p>Comprehensive user guide for the BLAHST R18 Wall-Mounted Retractable Pressure Washer, covering important product information, what's included, installation steps, setup instructions, after-use tips, troubleshooting, product specifications, and warranty details.</p>
	<p><a href="#">Renault 18 &amp; Fuego: Autodata Car Repair Manual (1979 onwards)</a></p> <p>Comprehensive repair and maintenance manual for Renault 18 and Fuego models from 1979 onwards, covering routine maintenance, engine tuning, technical data, and troubleshooting for various engine and transmission types.</p>
	<p><a href="#">Amzdest GS-R18-EN1 Digital Voice Recorder User Manual</a></p> <p>Comprehensive user manual for the Amzdest GS-R18-EN1 Digital Voice Recorder, covering setup, operation, features, specifications, and warranty information.</p>

Detailed installation guide and specifications for VEVOR Wheel Rim Cover Hubcaps. Learn how to install hubcaps for Model 3 and Model Y vehicles, view package contents, and find manufacturer details. Includes safety precautions and product information.