

Tendak SM-TE-019-BK

Tendak HDMI to S-Video AV RCA Composite Audio Video Converter

Model: SM-TE-019-BK

1. INTRODUCTION

This manual provides instructions for the Tendak HDMI to S-Video AV RCA Composite Audio Video Converter, Model SM-TE-019-BK. This device is designed to convert a digital HDMI signal into analog S-Video or composite (RCA) video and R/L stereo audio. It enables modern HDMI source devices to connect to older televisions, projectors, or recording equipment that only have S-Video or composite AV inputs. Please read this manual thoroughly before use to ensure proper operation and to maximize the product's lifespan.

2. PACKAGE CONTENTS

Please check the package contents upon opening. If any items are missing or damaged, contact your retailer.

- 1 x Tendak HDMI to RCA/S-Video Converter
- 1 x AC Power Adapter
- 1 x RCA Cable (1.5m)
- 1 x S-Video Cable (1.5m)
- 1 x User Manual

3. PRODUCT DIAGRAM

Below is an illustration of the converter with its various ports and controls.



Image: Front and rear view of the Tendak HDMI to S-Video AV RCA Composite Audio Video Converter, showing HDMI input, S-Video output, RCA composite output, R/L audio outputs, power input, and NTSC/PAL switch.

4. FEATURES

- Converts full HDMI signal to analog composite video (CVBS) or S-Video and R/L stereo audio.
- Supports HDMI input resolutions: 480p (60Hz), 576p (50Hz), 720p (50Hz/60Hz), 1080i (50Hz/60Hz), 1080p (50Hz/60Hz).
- Output video systems: PAL/NTSC switchable.
- Easy to install and operate, no complex settings required.
- Ideal for connecting HDMI sources like PCs, game consoles (Xbox, PS3), Blu-Ray/DVD players, and set-top boxes to older TVs or VCRs.
- Durable metal casing for enhanced longevity.

5. SPECIFICATIONS

Model Number	SM-TE-019-BK
Housing Material	Metal
HDMI Version	HDMI 1.3 Compatible
Input HDMI Resolutions	480p (60Hz), 576p (50Hz), 720p (50Hz/60Hz), 1080i (50Hz/60Hz), 1080p (50Hz/60Hz)
Output Signal	CVBS (1.0Vpp), S-Video (Y:1.0Vpp, C:0.3Vpp)
Output Video System	PAL/NTSC Switchable
Output Video Impedance	75 Ohms
Connector Type	HDMI, RCA
Number of Ports	2 (HDMI Input, AV/S-Video Output)
Compatible Devices	Game Consoles, Computers, Televisions, DVD Players, VHS Recorders, AV Test Equipment

6. SETUP INSTRUCTIONS

Follow these steps to connect and set up your converter:

- 1. Connect HDMI Source:** Plug one end of an HDMI cable (not included) into the HDMI output port of your source device (e.g., PC, game console, Blu-Ray player). Connect the other end of the HDMI cable to the HDMI input port on the Tendak converter.
- 2. Connect Video Output:**
 - For Composite Video (RCA):** Connect the yellow RCA plug of the provided RCA cable to the yellow "VIDEO" output port on the converter. Connect the other end of the yellow RCA plug to the composite video input on your display device (e.g., TV, VCR).
 - For S-Video:** Connect the provided S-Video cable to the "S-VIDEO" output port on the converter. Connect the other end of the S-Video cable to the S-Video input on your display device.

Note: Only one video output (Composite or S-Video) should be used at a time.

- 3. Connect Audio Output:** Connect the red and white RCA plugs of the provided RCA cable to the "R" (red) and "L" (white) audio output ports on the converter. Connect the other ends of these plugs to the corresponding R/L audio input ports on your display device or audio receiver.
- 4. Connect Power:** Plug the AC power adapter into the "DC 5V" input port on the converter. Plug the other end of the power adapter into a standard electrical outlet. The converter will power on automatically.
- 5. Select Output Format:** Use the NTSC/PAL switch on the converter to select the appropriate video system for your region or display device. NTSC is commonly used in North America and Japan, while PAL is common in Europe and other regions.
- 6. Select Input on Display:** Turn on your display device and select the correct input source (e.g., AV1, S-Video, Video 1) that corresponds to where you connected the converter.

7. OPERATING INSTRUCTIONS

Once all connections are made and the converter is powered on, the HDMI signal from your source device will be automatically converted and outputted via the selected analog video and audio ports.

- **Input Resolution:** The converter automatically detects the input HDMI resolution. Ensure your HDMI source is outputting a resolution supported by the converter (up to 1080p).
- **Output Format (NTSC/PAL):** The switch on the converter allows you to toggle between NTSC and PAL video standards. Adjust this setting to match the standard supported by your display device. Incorrect selection may result in a black and white image or no image at all.
- **Audio Output:** The R/L stereo audio is outputted simultaneously with the video signal.

8. TROUBLESHOOTING

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

- **No Picture:**
 - Ensure all cables (HDMI, RCA/S-Video, Power) are securely connected.
 - Verify the power adapter is plugged into a working outlet and the converter is receiving power.
 - Check that your display device is set to the correct input source (e.g., AV1, S-Video).
 - Confirm the NTSC/PAL switch matches your display's supported format.
 - Try a different HDMI source device or cable to rule out issues with the source.
- **Black and White Picture:**
 - This often indicates an incorrect NTSC/PAL setting. Toggle the NTSC/PAL switch on the converter.
 - Ensure you are using the correct video cable type (Composite for yellow RCA, S-Video for S-Video port).
- **No Audio:**
 - Check the red and white RCA audio cables are correctly connected to both the converter and your display/audio system.
 - Ensure the volume on your display/audio system is turned up and not muted.
 - Verify the HDMI source is outputting audio.
- **Distorted Picture/Poor Quality:**
 - Ensure all cables are of good quality and not damaged.
 - Check for interference from other electronic devices.
 - The output resolution of S-Video and Composite video is standard definition. High-definition HDMI input will be downscaled, which is normal for this type of converter.

9. MAINTENANCE

To ensure the longevity and optimal performance of your Tendak converter, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the device. Do not use liquid cleaners or aerosols.
- **Storage:** Store the converter in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Avoid dropping or subjecting the device to strong impacts.
- **Ventilation:** Ensure the device has adequate ventilation and is not covered, as this can lead to overheating.
- **Power:** Disconnect the power adapter when the device is not in use for extended periods.

10. WARRANTY AND SUPPORT

Tendak products are designed for reliability and performance. For warranty information or technical support, please refer

to the documentation included with your purchase or visit the official Tendak website. Keep your purchase receipt as proof of purchase for warranty claims.

For further assistance, please contact Tendak customer support.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question