

## Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

[manuals.plus](#) /

› [STEREN](#) /

› [Steren 203-101 RF Modulator User Manual](#)

## STEREN 203-101

# Steren 203-101 RF Modulator User Manual

Model: 203-101

## INTRODUCTION

The Steren 203-101 RF Modulator is designed to convert audio and video signals from devices with RCA or S-Video outputs into a standard RF (Radio Frequency) signal. This allows you to connect modern audio/video equipment, such as DVD players, camcorders, or gaming consoles, to older televisions that only have an F-type coaxial input. The modulator outputs on channels 3 or 4, making it compatible with most analog television tuners.

## PRODUCT OVERVIEW

The Steren 203-101 RF Modulator is a compact device that facilitates the connection of audio/video sources to televisions lacking modern input ports. It features inputs for composite video (yellow RCA), stereo audio (red/white RCA), and S-Video, along with an F-type coaxial output.



**Figure 1:** Front view of the Steren 203-101 RF Modulator, showing the power indicator light and the integrated power cord.



**Figure 2:** Rear panel of the Steren 203-101 RF Modulator, displaying the AC power input, TO TV (RF output), ANT IN (RF input), CHANNEL 3/4 switch, S-VIDEO input, VIDEO (composite) input, and AUDIO L/R (stereo) inputs.

## SETUP INSTRUCTIONS

1. **Power Connection:** Plug the modulator's AC power cord into a standard 120VAC, 60Hz electrical outlet.
2. **Connect to TV:** Connect one end of a coaxial cable (F-type) to the "TO TV" output on the modulator. Connect the other end of this coaxial cable to the "ANTENNA IN" or "CABLE IN" input on your television.
3. **Connect Audio/Video Source:**
  - **For RCA (Composite Video and Stereo Audio):** Connect the yellow RCA cable from your source device (e.g., DVD player) to the "VIDEO" input on the modulator. Connect the white RCA cable to the "AUDIO L" input and the red RCA cable to the "AUDIO R" input on the modulator.
  - **For S-Video and Stereo Audio:** Connect the S-Video cable from your source device to the "S-VIDEO" input on the modulator. Connect the white RCA cable to the "AUDIO L" input and the red RCA cable to the "AUDIO R" input on the modulator. *Note: Do not connect both S-Video and Composite Video simultaneously. The modulator will prioritize S-Video if both are connected.*
4. **Connect Antenna/Cable (Optional):** If you also receive broadcast TV or cable TV signals through an antenna or cable line, connect your existing antenna or cable coaxial cable to the "ANT IN" input on the modulator. This allows the modulator to pass through the RF signal when not actively modulating.
5. **Select Output Channel:** Use the "CHANNEL" switch on the modulator to select either Channel 3 or Channel 4. This will be the channel your television needs to be tuned to for viewing the modulated signal.

## OPERATING INSTRUCTIONS

1. **Power On:** Ensure the modulator is plugged in and the power indicator light is on. Power on your audio/video source device (e.g., DVD player) and your television.
2. **Tune TV:** Tune your television to the channel (Channel 3 or Channel 4) that you selected on the modulator's "CHANNEL" switch.

3. **Play Content:** Begin playing content on your source device. The audio and video should now be displayed on your television.

4. **Switching Sources:**

- To view content from your connected audio/video source, ensure the source device is powered on and your TV is tuned to the selected channel (3 or 4).
- To view regular broadcast or cable TV (if connected to the "ANT IN" port), simply power off your audio/video source device. The modulator will automatically pass through the antenna/cable signal to your TV. You can then tune your TV to other channels as usual.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
No picture or sound on TV.	<ul style="list-style-type: none"> <li>• Modulator not powered.</li> <li>• TV not tuned to correct channel.</li> <li>• Incorrect cable connections.</li> <li>• Source device not powered on or playing content.</li> </ul>	<ul style="list-style-type: none"> <li>• Ensure modulator is plugged in and power light is on.</li> <li>• Verify TV is tuned to Channel 3 or 4, matching the modulator switch.</li> <li>• Check all RCA, S-Video, and coaxial cable connections for security and correctness.</li> <li>• Ensure your source device is powered on and actively outputting a signal.</li> </ul>
Poor picture quality (fuzzy, snowy).	<ul style="list-style-type: none"> <li>• Loose coaxial connection.</li> <li>• Interference.</li> <li>• Signal degradation (inherent with RF modulation).</li> </ul>	<ul style="list-style-type: none"> <li>• Tighten all coaxial cable connections.</li> <li>• Ensure cables are not near power cords or other sources of electrical interference.</li> <li>• RF modulation inherently involves some signal degradation compared to direct composite or S-Video connections. This is normal for the technology.</li> </ul>
No sound, but picture is present.	<ul style="list-style-type: none"> <li>• Audio cables incorrectly connected.</li> <li>• TV volume too low or muted.</li> </ul>	<ul style="list-style-type: none"> <li>• Verify red and white RCA audio cables are securely connected to the "AUDIO L" and "AUDIO R" inputs on the modulator and the corresponding outputs on your source device.</li> <li>• Increase TV volume and check if it's muted.</li> </ul>

## SPECIFICATIONS

- **Model:** Steren 203-101
- **Input:** RCA (Composite Video, Stereo Audio), S-Video
- **Output:** F-type Coaxial (RF)
- **Output Channels:** Channel 3 or Channel 4 (selectable)
- **Power Source:** 120VAC, 60Hz, 4.5W
- **Dimensions:** Approximately 1.86 x 5.86 x 3 inches
- **Weight:** Approximately 15 ounces
- **Connectivity Technology:** RF
- **Compatible Devices:** Television
- **Audio Output Mode:** Stereo

## MAINTENANCE

The Steren 203-101 RF Modulator requires minimal maintenance. Keep the device clean by wiping it with a soft, dry cloth. Avoid using liquid cleaners or abrasive materials. Ensure the modulator is placed in a well-ventilated area, away from direct sunlight, heat sources, and moisture. Do not block any ventilation openings.

## SAFETY INFORMATION

**WARNING:** This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov). Always handle electronic devices with care. Do not attempt to open or service the unit yourself. Refer all servicing to qualified service personnel. To reduce the risk of electric shock, do not expose this appliance to rain or moisture.

## WARRANTY AND SUPPORT


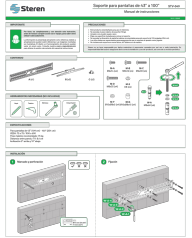
For warranty information or technical support regarding your Steren 203-101 RF Modulator, please refer to the documentation included with your purchase or visit the official Steren website. Contact information for customer service is typically available on the manufacturer's website.

You can find more information about STEREN products at [the STEREN Store on Amazon](#).



© 2023 STEREN. All rights reserved.

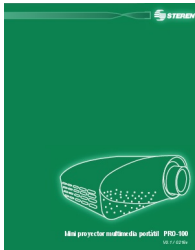
## Related Documents - 203-101

 <p><b>STEREN</b></p> <p>Modelo: CCTV-950 Grabadora de video digital de 4 cámaras Manual de instrucciones V0309</p>	<p><a href="#">Manual de Instrucciones Steren CCTV-950: Grabadora de Video Digital de 4 Canales</a></p> <p>Guía completa para la instalación, configuración y uso de la grabadora de video digital Steren CCTV-950 de 4 canales. Aprenda a conectar cámaras, gestionar grabaciones y optimizar su sistema de seguridad.</p>
 <p><b>Steren</b></p> <p>Cámara digital instantánea Manual de instrucciones CAM-PRINT-AZ</p>	<p><a href="#">Manual de Instrucciones Cámara Digital Instantánea Steren CAM-PRINT-AZ</a></p> <p>Guía completa para la cámara digital instantánea Steren CAM-PRINT-AZ. Aprende a tomar fotos, imprimir, configurar y usar todas las funciones de tu cámara.</p>
 <p><b>Steren</b></p> <p>Soporte para pantallas de 43" a 100"</p>	<p><a href="#">Soporte para Pantallas Steren STV-049 de 43" a 100" - Manual de Instrucciones</a></p> <p>Manual detallado de instalación para el soporte de pared para pantallas Steren STV-049, compatible con pantallas de 43 a 100 pulgadas. Incluye especificaciones, lista de componentes, herramientas necesarias e instrucciones paso a paso.</p>



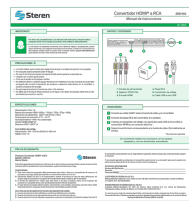
[Stereon WIAT Wireless Display Tester: Wi-Fi Signal Analysis and Troubleshooting Tool](#)

Discover the Stereon WIAT, a rugged, handheld 2.4GHz and 5GHz dual-band Wireless Display Tester. Ideal for installers and technicians, it analyzes Wi-Fi signals, identifies interference, and simplifies network setup and troubleshooting for residential and SMB environments.



[Stereon PRO-100 Portable Mini Projector User Manual and Guide](#)

User manual for the Stereon PRO-100 portable mini projector. This guide covers features, connections, operation, specifications, and warranty information for the PRO-100 model. Learn how to set up and use your Stereon projector effectively.



[Stereon Convertidor HDMI a RCA Modelo 208-140 Manual de Usuario](#)

Manual de usuario y póliza de garantía para el Convertidor HDMI a RCA Stereon Modelo 208-140. Incluye especificaciones técnicas, precauciones de uso, instrucciones de conexión y detalles de garantía.