

ASHATA HDM69

ASHATA HDM69 HDMI AV to RF Modulator Converter

User Manual

Model: HDM69

1. INTRODUCTION

The ASHATA HDM69 HDMI AV to RF Modulator Converter is designed to convert digital HDMI signals and analog AV signals into RF (coaxial) signals. This allows you to connect modern devices such as streaming media players, game consoles, or DVD players to older televisions that only have RF coaxial inputs. It supports various resolutions and output formats (PAL/NTSC) to ensure compatibility with different TV systems.

This device facilitates long-distance signal transmission, enabling you to view content from your HDMI or AV sources on TVs located in different rooms without requiring complex driver installations. It offers a simple plug-and-play solution for your audio and video distribution needs.



Image 1.1: The HDM69 modulator can be used in various settings to connect modern sources to older TVs.

2. SAFETY INFORMATION

- Read all instructions carefully before operating the device.
- Do not expose the device to moisture, rain, or extreme temperatures.
- Ensure proper ventilation to prevent overheating.
- Use only the provided power adapter.
- Do not attempt to disassemble or repair the unit yourself. Refer all servicing to qualified personnel.
- Keep the device away from strong magnetic fields.

3. PACKAGE CONTENTS

Please check the package for the following items:

- 1 x ASHATA HDM69 HDMI AV to RF Modulator Converter

- 1 x User Manual

4. PRODUCT OVERVIEW

The HDM69 modulator features multiple input and output ports, along with control buttons for configuration. Familiarize yourself with the device's layout before proceeding with setup.



Long Distance Transmission

View in different rooms, no driver installation required, easy to use with plug and play.



Image 4.1: Front view of the HDM69 Modulator, highlighting the input and control panel.



Image 4.2: Top-down view of the HDM69 Modulator, illustrating the layout of ports and control buttons.

4.1. Ports and Connectors

- **HDMI Input:** Connect your HDMI source device.
- **AV Input (RCA):** Connect your analog audio (red/white) and video (yellow) sources.
- **RF Output (F-female):** Connect to the coaxial input of your television.
- **ANT IN (F-female):** For connecting an external antenna or cable TV signal (optional, for pass-through).
- **Power Input:** For connecting the power adapter.

4.2. Control Buttons

- **Audio/Video IN Switch:** Toggles between HDMI and AV input sources.
- **RF Adj:** Adjusts the RF output level.
- **Video Adj:** Adjusts video brightness.
- **Audio Adj:** Adjusts audio volume.
- **UP/DOWN:** Navigates through channels or settings.
- **CATV/TV/AU:** Selects between CATV, TV, or Audio modes.
- **LOCK:** Locks the current channel or setting.

5. SETUP INSTRUCTIONS

Follow these steps to connect your ASHATA HDM69 modulator:

1. Connect Input Source:

- For HDMI source: Connect an HDMI cable from your source device (e.g., game console, media player) to the **HDMI Input** port on the modulator.
- For AV source: Connect RCA cables (yellow for video, red/white for audio) from your source device (e.g., VCR, DVD player) to the **Audio/Video IN** ports on the modulator.



Image 5.1: HDMI and AV (RCA) input ports.

- ### 2. Connect to TV:
- Connect a coaxial cable from the **RF OUT** port on the modulator to the antenna/cable input (RF IN) on your television.



Image 5.2: RF output ports for connecting to a television.

3. **Connect Power:** Plug the power adapter into the modulator's power input and then into a wall outlet. The device will power on automatically.
4. **Tune TV:** Turn on your television and select the appropriate input source (usually 'Antenna' or 'Cable'). Scan for channels or manually tune to the channel output by the modulator. The modulator typically outputs on a VHF/UHF channel.

5.1. Setup Video Guide

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Video 5.1: A detailed guide on connecting and setting up the HDMI AV to RF Modulator. (Duration: 2:18)

6. OPERATING INSTRUCTIONS

Once connected, you can operate the modulator using its control buttons.



Image 6.1: Control buttons for adjusting settings.

1. **Select Input Source:** Use the **Audio/Video IN Switch** to toggle between HDMI and AV inputs. Ensure the correct input is selected for your source device.
2. **Adjust Output Channel:** Use the **UP/DOWN** buttons to select the desired RF output channel. This channel should match the one you tuned your TV to.
3. **Select TV Standard:** Press the **CATV/TV/AU** button to cycle through PAL and NTSC TV format output options, ensuring compatibility with your television's standard.
4. **Adjust Audio/Video Levels:** Use the **Audio Adj** and **Video Adj** buttons to fine-tune the output audio volume and video brightness for optimal viewing and listening experience.
5. **Lock Settings:** Press the **LOCK** button to prevent accidental changes to the current channel or settings.

6.1. Resolution Support

The modulator supports various resolutions, allowing flexibility for different viewing needs:

- 1080P
- 1080i

- 720P
- 576P
- 576i
- 480p

Flexible Resolution Support
Support 1080P, 1080i
720P, 576P, 576i, and 480p.



Image 6.2: The modulator supports a range of resolutions for flexible output.

6.2. Operation Video Guide

Your browser does not support the video tag.

Video 6.3: A comprehensive video demonstrating the operation and settings adjustment of the modulator. (Duration: 3:05)

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Video 6.4: Quick demonstration of input switching and basic adjustments. (Duration: 0:39)

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Video 6.5: Short clip showing the modulator in action. (Duration: 0:14)

7. TROUBLESHOOTING

If you encounter issues with your HDM69 modulator, please refer to the following common problems and solutions:

- **No Signal on TV:**
 - Ensure all cables (HDMI/AV, RF, power) are securely connected.
 - Verify the modulator is powered on.
 - Check that your TV is set to the correct input source (Antenna/Cable) and tuned to the correct channel output by the modulator.
 - Confirm the correct input source (HDMI or AV) is selected on the modulator using the **Audio/Video IN Switch**.
- **Poor Picture/Sound Quality:**
 - Adjust the **Video Adj** and **Audio Adj** buttons on the modulator.
 - Ensure the input signal from your source device is clean and strong.
 - Check the coaxial cable for damage or loose connections.
 - Try a different RF output channel if there is interference.
- **Incorrect Color/Display:**
 - Verify that the TV standard (PAL/NTSC) selected on the modulator matches your TV's standard using the **CATV/TV/AU** button.

8. SPECIFICATIONS

Feature	Specification
Brand Name	ASHATA
Model Number	ASHATAto657819fi-11 (HDM69)
Frequency Range	170-860MHz
Input Level Range	65-95 dBuV
TV Standard Format	PAL/NTSC
Frequency Response	47-868MHz
Bandwidth	6MHz, 7MHz, 8MHz
Output Level	80-95 dBuVadj
Input Level	80%±10% modulation 0.8Vp-p
Sound System	M=4.5MHz, B/G=5.5MHz, I=6.0MHz, D/K=6.5MHz
Input Ports	HD Multimedia Interface and CVBS (RCA)
RF Input	F-female
RF Output	F-female
Input Resolution Support	1080P/1080i/720P/576P/576i/480p

HD Multimedia Interface Version	1.3
HDCP Version	1.3
Product Dimensions	7.09 x 5.12 x 2.36 inches
Item Weight	12.8 ounces

9. MAINTENANCE

- Keep the device clean by wiping it with a soft, dry cloth. Do not use liquid cleaners or aerosols.
- Ensure the device is unplugged before cleaning.
- Store the modulator in a cool, dry place when not in use.

10. WARRANTY AND SUPPORT

For warranty information or technical support, please contact ASHATA customer service through your retailer or the official ASHATA website. Please have your product model number (HDM69) and purchase details ready when contacting support.

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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