Freaks and Geeks AV to HDMI Converter

Freaks and Geeks AV to HDMI Converter Instruction Manual

Model: AV to HDMI Converter (B0BPYLM4HF)

1. Introduction

Thank you for choosing the Freaks and Geeks AV to HDMI Converter. This device allows you to connect your classic video game consoles and other AV-enabled peripherals to modern HDMI displays, providing a clear digital signal at 720p or 1080p resolution.
This converter is compatible with popular retro consoles such as Super NES, MegaDrive (Sega Genesis), Game Cube, and Wii, enabling you to enjoy your favorite vintage games on contemporary televisions and monitors.





Figure 1: Freaks and Geeks AV to HDMI Converter product packaging. The image shows the converter box with "Retro Series" and "Freaks & Geeks" branding, indicating its purpose for retro consoles. The box highlights "AV to HDMI Converter" and compatibility with 720p/1080p output.

2. Safety Information

- Keep the device away from water, moisture, and extreme temperatures.
- Do not attempt to open or modify the converter. This may cause damage and void the warranty.
- Use only the provided or recommended power adapter (USB 5V) to prevent damage.
- Place the converter on a stable, flat surface to ensure proper ventilation.
- Unplug the device during lightning storms or when unused for long periods.

3. Package Contents

Please check the package for the following items:

- Freaks and Geeks AV to HDMI Converter Unit
- USB Power Cable
- User Manual (this document)

Note: AV cables (RCA) and HDMI cables are typically not included and must be purchased separately.

4. Setup Instructions

Follow these steps to connect your AV-enabled console or device to an HDMI display:

1. **Connect AV Cables:** Plug the composite video (yellow) and stereo audio (red and white) RCA cables from your retro console or AV device into the corresponding input ports on the Freaks and Geeks AV to HDMI Converter. Ensure the colors match (Yellow to Yellow, White to White, Red to Red).
2. **Connect HDMI Cable:** Connect one end of an HDMI cable (not 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 television or monitor.
3. **Connect USB Power:** Plug the small end of the included USB power cable into the converter's USB power input port. Connect the standard USB-A end to a 5V USB power source, such as a USB wall adapter (not included), a USB port on your TV, or a game console. The converter requires external power to function.
4. **Select Input:** Turn on your television or monitor and select the correct HDMI input source using your TV remote.
5. **Power On Console:** Turn on your retro game console or AV device.

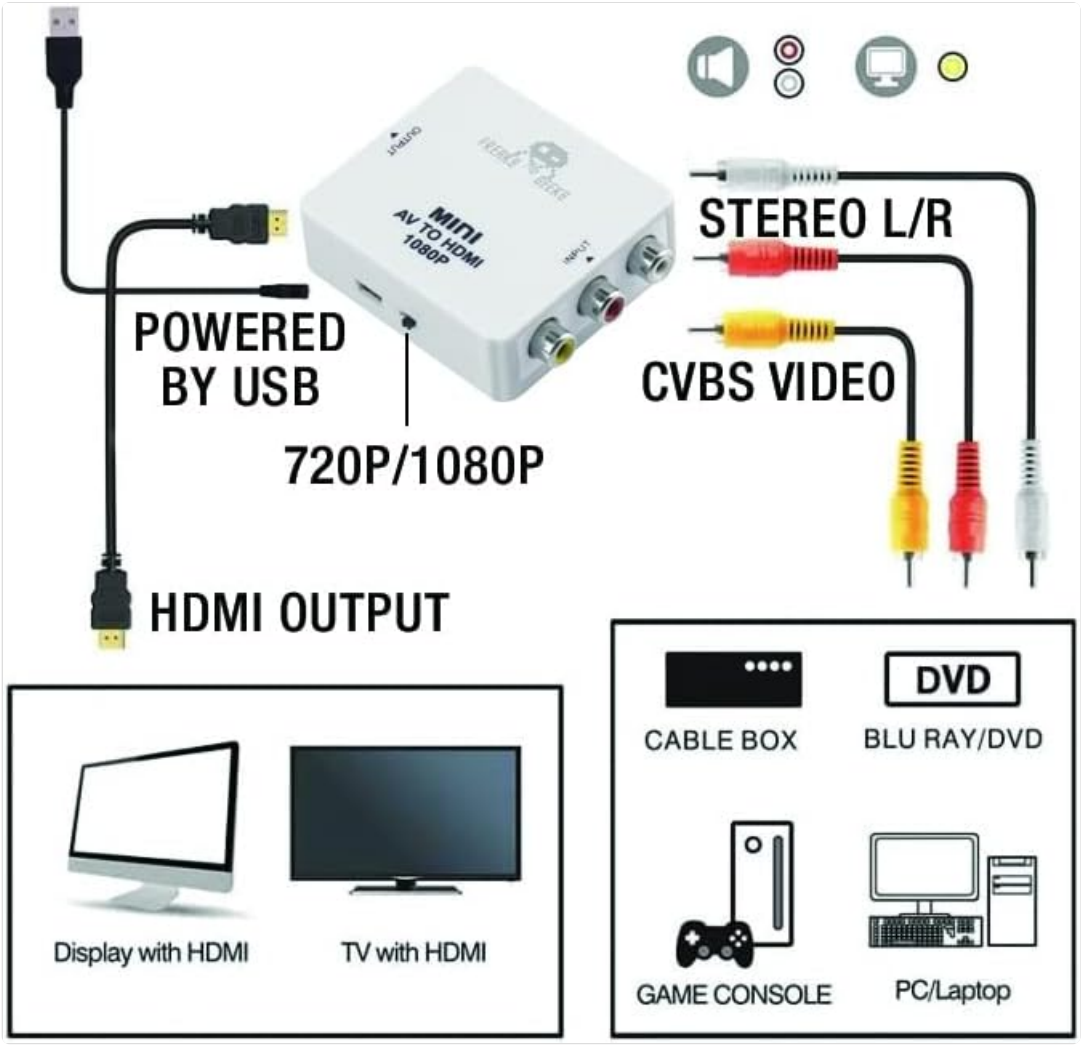


Figure 2: Connection diagram for the Freaks and Geeks AV to HDMI Converter. This diagram illustrates how to connect the converter: AV input (yellow, white, red RCA cables) from a game console, USB power input, and HDMI output to a display. It also shows the converter's output resolution of 720p/1080p.

5. Operating Instructions

Once all connections are made as described in the "Setup Instructions" section:

1. Ensure your retro console is powered on and outputting an AV signal.
2. Verify that your HDMI display is powered on and set to the correct HDMI input channel where the converter is connected.
3. The converter will automatically scale the AV signal to either 720p or 1080p, depending on the capabilities of your display and the converter's internal processing. There is no manual switch for resolution selection on this model.
4. You should now see your console's video output on your HDMI display and hear audio through your display's speakers or connected audio system.

6. Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the converter. Do not use liquid cleaners or aerosols.
- **Storage:** When not in use, store the converter in a cool, dry place, away from direct sunlight and extreme temperatures.

- **Handling:** Avoid dropping or subjecting the converter to strong impacts.
- **Ventilation:** Ensure the converter has adequate airflow around it to prevent overheating.

7. Troubleshooting

Problem	Possible Cause / Solution
No picture on screen	◦ Ensure all cables (AV, HDMI, USB power) are securely connected. ◦ Verify the TV is set to the correct HDMI input. ◦ Check if the USB power source is active and providing sufficient power (5V). ◦ Confirm the retro console is powered on and outputting a signal. ◦ Try a different HDMI cable or HDMI input on your TV.
No audio	◦ Check the red and white RCA audio cables are correctly connected to the converter. ◦ Ensure your TV's volume is not muted or set too low. ◦ Verify the audio settings on your TV or external audio system.
Poor picture quality / Flickering	◦ Ensure the AV cables are fully inserted and not damaged. ◦ Check for interference from other electronic devices. ◦ The quality of the original AV signal from the console can affect the output.

8. Specifications

Input Port	1 x RCA (Yellow, White, Red)
Output Port	1 x HDMI
HDMI Output Resolution	720p / 1080p (automatic scaling)
Supported AV Input Formats	NTSC/PAL (standard composite video)
Power Supply	USB 5V (via micro USB port)
Dimensions	11 x 7 x 2.5 cm
Weight	40 g
Compatibility	Super NES, MegaDrive, Game Cube, Wii, and other devices with composite AV output.

9. Warranty and Support

The Freaks and Geeks AV to HDMI Converter comes with a**7-year warranty**, as indicated on the product packaging. This warranty covers manufacturing defects under normal use.
For technical support, warranty claims, or further inquiries, please contact your retailer or visit the official Freaks and

Geeks website. Please have your purchase receipt and product model number (B0BPYLM4HF) ready when contacting support.
Freaks and Geeks is a French brand committed to providing quality retro gaming accessories.

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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.

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