

Tendak AV-107-BK-US

Tendak Active 1080P Female HDMI to VGA Male Converter Adapter Dongle with 3.5mm Stereo Audio

Model: AV-107-BK-US | Brand: Tendak

1. INTRODUCTION AND OVERVIEW

The Tendak Active 1080P Female HDMI to VGA Male Converter Adapter Dongle is designed to facilitate the connection of HDMI-enabled devices to displays or projectors that only support VGA input. This adapter actively converts the digital HDMI signal to an analog VGA signal, ensuring compatibility with older display technologies. It also includes a 3.5mm stereo audio output, allowing for separate audio connection to speakers or an audio system. This device is ideal for connecting various sources such as laptops, PCs, PS3, Xbox, STB, Blu-ray players, DVD players, and TV sticks to VGA monitors or projectors.

2. PRODUCT FEATURES

- **HDMI to VGA Conversion:** Converts HDMI digital signals to VGA analog signals.
- **Audio Output:** Features a 3.5mm audio port for connecting to external speakers or audio systems.
- **High Resolution Support:** Supports 720p and 1080p full-size high-definition resolutions.
- **HDMI V1.4 and 3D Support:** Compatible with HDMI V1.4 specifications and 3D content.
- **Gold-Plated Connectors:** Ensures reliable signal transmission and durability.
- **Plug & Play:** No drivers or external power supply required for most applications.
- **Wide Compatibility:** Works with desktop computers, laptops, Ultrabooks, notebooks, DVD players, media players, cable boxes, PS3, Xbox, STB, Blu-ray players, and TV sticks.
- **Unidirectional Signal Flow:** Converts signal **from HDMI to VGA only**. It is not bi-directional.

3. PACKAGE CONTENTS

- 1 x Tendak Active 1080P Female HDMI to VGA Male Converter Adapter Dongle
- 1 x 3.5mm Stereo Audio Cable

4. SETUP INSTRUCTIONS

Follow these steps to connect your HDMI device to a VGA display:

1. **Connect HDMI Source:** Insert an HDMI cable (not included) into the HDMI Female port of the Tendak converter. Connect the other end of the HDMI cable to the HDMI output port of your source device (e.g., laptop, PC, PS3, Xbox, Blu-ray player).



Figure 1: Connection Diagram

2. **Connect VGA Display:** Plug the VGA Male connector of the Tendak converter directly into the VGA input port of your monitor or projector.



Figure 2: Converter Ports

3. **Connect Audio (Optional):** If you require audio, connect the included 3.5mm stereo audio cable from the audio output port on the Tendak converter to the audio input of your speakers or audio system.



Figure 3: Audio Connection

4. **Power On Devices:** Ensure both your HDMI source device and VGA display are powered on.

Important Note:

- This converter is **NOT BI-DIRECTIONAL**. It only converts signals from HDMI (Female) to VGA (Male). It cannot convert VGA to HDMI.
- No external power is typically required for this adapter.

5. OPERATING INSTRUCTIONS

The Tendak HDMI to VGA converter is designed for simple plug-and-play operation. Once all connections are made as described in the setup section, your HDMI source device should automatically detect the connected VGA display and output the video and audio (if connected) accordingly.

- **Automatic Detection:** Most modern operating systems and devices will automatically detect the connected display and adjust the resolution.
- **Resolution Adjustment:** If the display appears distorted or shows a 'No Signal' message, you may need

to manually adjust the resolution of your input source (e.g., laptop, PC) to a setting supported by your VGA monitor or projector, typically 1080p or 720p.



Figure 4: Unidirectional Signal Flow

6. TROUBLESHOOTING

If you encounter issues while using your Tendak HDMI to VGA converter, please refer to the following common solutions:

- **No Signal / Out of Range:** If your monitor displays 'No Signal' or 'Out of Range', ensure that the resolution of your HDMI input source is set to 1080p or lower. Some older VGA monitors may not support higher resolutions. Adjust the display settings on your source device.
- **No Audio:** Verify that the 3.5mm audio cable is securely connected to both the converter's audio output and your speakers/audio system. Also, check the volume levels on your source device and speakers.
- **Flickering or Distorted Image:** Ensure all cables (HDMI and VGA) are firmly connected. Try using a different HDMI cable if possible. Check the resolution settings as mentioned above.
- **Converter Not Working:** Confirm that the converter is correctly plugged into both the HDMI source and VGA display. If the issue persists, try connecting the converter to a different HDMI source or VGA display to isolate the problem.
- **Unidirectional Limitation:** Remember that this adapter only converts HDMI to VGA. It will not work if you are trying to convert a VGA signal to HDMI.

If these steps do not resolve your issue, please contact Tendak customer support for further assistance.

7. SPECIFICATIONS

Feature	Detail
Model Number	AV-107-BK-US
Brand	Tendak
Connector Type	HDMI (Female) to VGA (Male)
Audio Output	3.5mm Stereo Audio
Supported Resolutions	720p, 1080p (Full-size HD)
HDMI Version Support	V1.4, 3D
Power Plug Type	No Plug (Bus-powered)
Item Dimensions (L x W x H)	1.65 x 1.26 x 0.59 inches
Item Weight	0.04 Pounds
Compatible Devices	Laptop, PC, Projector, Monitor, TV, PS3, Xbox, STB, Blu-ray, DVD, TV Stick



Figure 5: Product Dimensions

8. MAINTENANCE

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

- **Cleaning:** Use a soft, dry cloth to gently wipe the exterior of the adapter. Avoid using liquid cleaners or aerosols, as they may damage the device.
- **Storage:** Store the adapter in a cool, dry place away from direct sunlight and extreme temperatures when not in use.
- **Handling:** Handle the adapter by its body, not by the cables, to prevent strain on the connectors. Avoid bending or twisting the cables excessively.
- **Moisture Protection:** Keep the device away from water and high humidity to prevent internal damage.

9. WARRANTY AND SUPPORT

This Tendak HDMI to VGA converter comes with a **1-year manufacturer's warranty**, covering defects in materials and workmanship under normal use.

For warranty claims, technical support, or any inquiries regarding your product, please contact Tendak customer service. Refer to the product packaging or the Tendak official website for the most current contact information.