

GANA HS-PT-1080P

GANA HDMI Switch HS-PT-1080P User Manual

3-Port Full HD 1080p/3D HDMI Switcher

1. INTRODUCTION

This manual provides detailed instructions for the GANA HS-PT-1080P 3-Port HDMI Switch. This device allows you to connect up to three HDMI source devices to a single HDMI display, eliminating the need to constantly swap cables. It supports Full HD 1080p resolution and 3D video, ensuring optimal and lossless signal transmission.

Key features include:

- Supports Full HD 1080p (1920x1080P) and 3D video.
- 3 HDMI input ports and 1 HDMI output port.
- Plug and Play operation; no external power required.
- Gold-plated connectors for enhanced signal performance.
- HD Audio and HDCP compliant.



Figure 1: GANA HS-PT-1080P 3-Port HDMI Switch. This image shows the compact design of the HDMI switch with its three input ports and a single output cable, featuring gold-plated connectors for reliable signal transmission.

2. PRODUCT OVERVIEW

The GANA HS-PT-1080P HDMI Switch is designed for simplicity and efficiency. It features three HDMI input ports, one HDMI output cable, and a manual selection button with corresponding LED indicators to show the active input.

2.1 Components

- **HDMI Input Ports (x3):** Connect your source devices (e.g., game console, Blu-ray player, laptop).
- **HDMI Output Cable (x1):** Connects to your display device (e.g., TV, monitor, projector).
- **Select Button:** Used to manually switch between the connected HDMI input sources.
- **LED Indicators (x3):** Light up to indicate which HDMI input port is currently active.

3. SETUP INSTRUCTIONS

Follow these steps to set up your GANA HDMI Switch:

1. **Connect Output:** Plug the integrated HDMI output cable from the GANA HDMI Switch into an available HDMI input port on your display device (TV, monitor, or projector).
2. **Connect Input Devices:** Connect your HDMI source devices (e.g., TV Box, Xbox, PlayStation, PC, Blu-ray player) to the HDMI Input 1, Input 2, and Input 3 ports on the GANA HDMI Switch.
3. **Power On:** Ensure all connected devices and your display are powered on. The HDMI switch is 'Plug and Play' and draws power directly from the connected HDMI sources, so no external power adapter is needed.
4. **Select Source:** Use the 'Select' button on the HDMI switch to choose the desired input source. The corresponding LED indicator will illuminate to show the active input.

Wide Compatibility



Figure 2: Wide Compatibility. This diagram illustrates how the GANA HDMI Switch connects to various input devices like TV boxes, game consoles (Xbox, PS5/4/3), and desktops, and outputs to displays such as HDTVs or projectors.

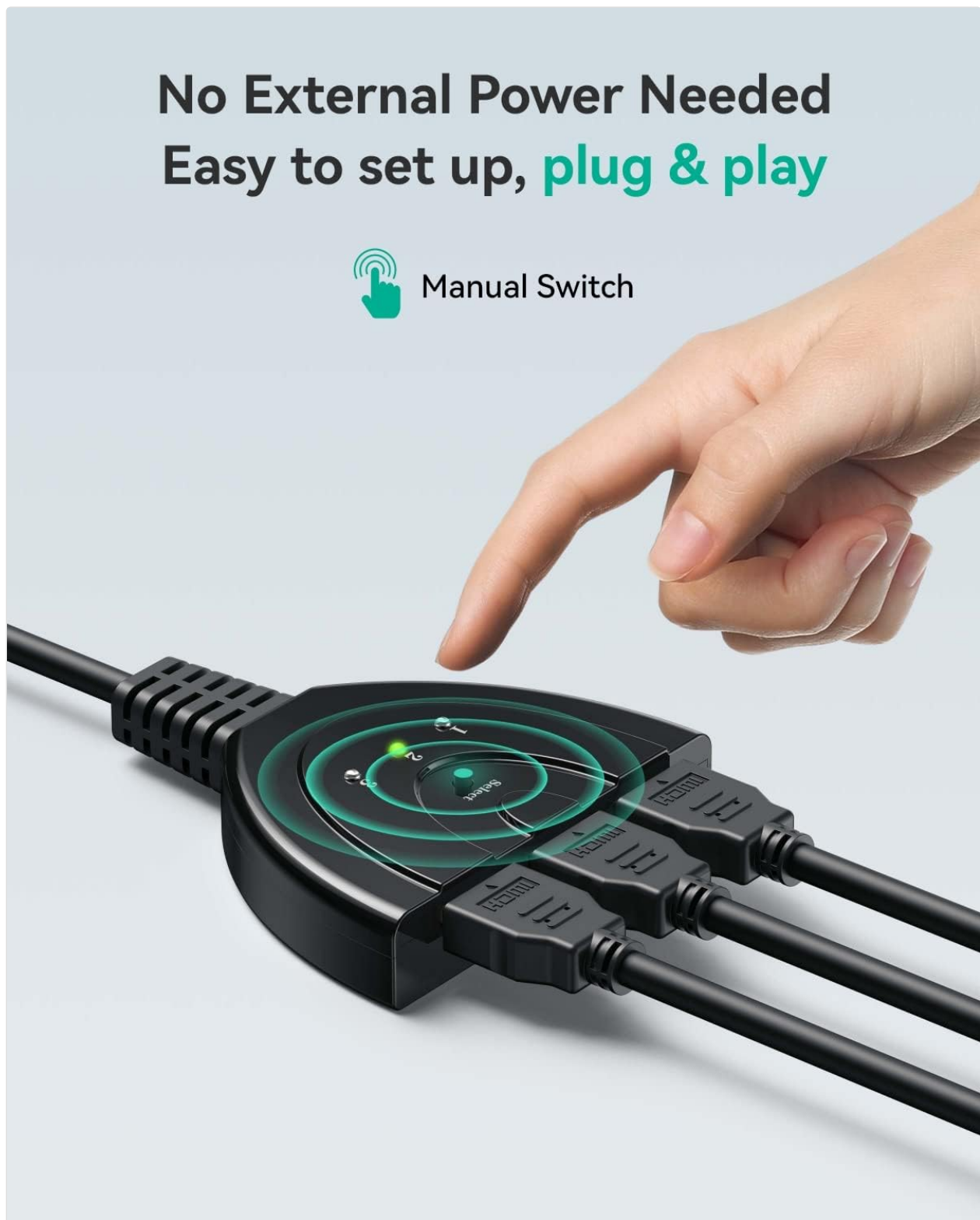


Figure 3: Manual Switching. This image demonstrates the simple manual selection process by pressing the 'Select' button on the switch, highlighting its plug-and-play functionality without external power.

4. OPERATING INSTRUCTIONS

Operating the GANA HDMI Switch is straightforward:

- **Automatic Input Detection:** The switch may automatically detect and switch to a newly powered-on HDMI source.

- **Manual Input Selection:** To switch between active HDMI sources, press the 'Select' button located on the top of the switch. Each press will cycle through the available inputs (Input 1 → Input 2 → Input 3 → Input 1).
- **LED Indicators:** Observe the LED indicators (1, 2, 3) next to the 'Select' button. The illuminated LED corresponds to the currently active HDMI input.

HDMI Switch 3 IN 1 OUT



Figure 4: HDMI Switch in Use. This image shows the GANA HDMI Switch facilitating connections between a PlayStation 4 and a laptop to a single monitor, demonstrating its 3-in-1-out functionality for Full HD content.

5. MAINTENANCE

To ensure the longevity and optimal performance of your GANA HDMI Switch, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the switch. Avoid using liquid cleaners or abrasive materials, as they may damage the device.
- **Storage:** Store the switch in a cool, dry place away from direct sunlight and extreme temperatures when not in use for extended periods.
- **Handling:** Handle the device and its connectors with care. Avoid bending or pulling the HDMI cables excessively, which can damage the internal wiring or ports.
- **Environment:** Do not expose the switch to water, moisture, or high humidity.

6. TROUBLESHOOTING

If you encounter issues with your GANA HDMI Switch, refer to the following troubleshooting tips:

- **No Picture/Signal:**
 - Ensure all HDMI cables are securely connected to both the source devices, the switch, and the display.
 - Verify that the correct input source is selected on the HDMI switch (check the LED indicator).
 - Confirm that your display is set to the correct HDMI input channel.
 - Try connecting the source device directly to the display to rule out cable or source issues.
 - Restart all connected devices (source, switch, display).
- **Flickering Picture or Poor Quality:**
 - Check for loose cable connections.
 - Ensure you are using high-quality HDMI cables.
 - Reduce the cable length if possible, especially for longer runs.
 - Some devices may require a specific boot order. Try powering on the display first, then the HDMI switch, then the source device.
- **No Audio:**
 - Verify that the audio settings on your source device are correctly configured for HDMI output.
 - Check the audio settings on your display device.
 - Ensure the HDMI cables support audio transmission.
- **Switch Not Responding:**
 - Ensure at least one HDMI source device is powered on and connected to provide power to the switch.
 - Disconnect and reconnect all HDMI cables to reset the connections.

7. SPECIFICATIONS

Feature	Description
Model Number	HS-PT-1080P
Brand	GANNA
Input Ports	3 x HDMI
Output Ports	1 x HDMI
Supported Resolution	Up to 1080p (1920x1080P), 3D
Connector Type	HDMI
Power Supply	No external power required (powered by HDMI source)
Product Dimensions	8.2 x 5.33 x 1.75 cm
Product Weight	81 g
UPC	601285150765
Compatible Devices	Most devices with an HDMI port

Compact and Portable



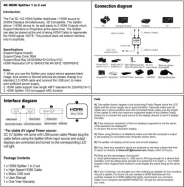
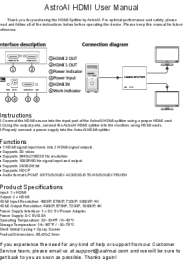



Figure 5: Compact and Portable Design. This image highlights the compact dimensions of the GANA HDMI Switch, showing its length (50cm for the cable), width (8cm), and depth (5.8cm), making it easy to integrate into any setup.

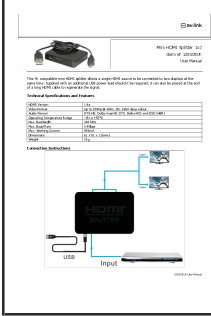
8. WARRANTY AND SUPPORT

GANA products are designed for reliability and performance. For specific warranty information regarding your GANA HS-PT-1080P HDMI Switch, please refer to the warranty card included with your purchase or visit the official GANA website.

If you require technical assistance or have questions not covered in this manual, please contact GANA customer support through their official channels. When contacting support, please have your product model number (HS-PT-1080P) and purchase details readily available.

Related Documents - HS-PT-1080P

	<p>4K HDMI Splitter 1 in 2 Out: Duplicate Displays with High Resolution</p> <p>Learn about the 4K HDMI Splitter 1 in 2 Out, its specifications, connection diagram, interface, and FAQs. Easily duplicate your HDMI source to two displays simultaneously with support for 4K resolution.</p>
	<p>AstroAI HDMI Splitter User Manual</p> <p>User manual for the AstroAI HDMI Splitter, detailing its functions, specifications, and connection instructions for splitting one HDMI signal into two outputs.</p>
	<p>CONCORD AC5009 8K60 HDMI 4 Way Splitter - Instruction Manual & Features</p> <p>Comprehensive instruction manual for the CONCORD AC5009 8K60 HDMI 4 Way Splitter. Learn about safety, features, product diagram, connection, troubleshooting, specifications, and warranty. Supports 8K@60Hz, 4K@120Hz, HDR, and HDCP 2.3.</p>
	<p>User Manual: avedio links USB-C to 3 HDMI Adapter for Multiple Monitors</p> <p>Comprehensive user manual for the avedio links USB-C to 3 HDMI Adapter, detailing its features, installation, and usage for expanding multiple monitors on Windows and macOS systems with up to 4K@60Hz resolution.</p>
	<p>BZBGEAR BG-HDA-E18: 1x8 4K HDMI Splitter/Distribution Amplifier User Manual</p> <p>Comprehensive user manual for the BZBGEAR BG-HDA-E18, a 1x8 4K HDMI splitter and distribution amplifier supporting up to 230ft transmission over CAT6 cable. Includes features, specifications, setup, and support.</p>



[av:link Mini HDMI Splitter 1x2 \(128.825UK\) User Manual](#)

User manual for the av:link Mini HDMI Splitter 1x2 (model 128.825UK). Provides technical specifications, connection instructions, and important warnings for this 4K compatible HDMI splitter.