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HOCO HB29 - Metal Grey

Hoco HB29 Multi-Function Hub Converter User Manual

Model: HB29 - Metal Grey

INTRODUCTION

Thank you for choosing the Hoco HB29 Multi-Function Hub Converter. This device is designed to expand the connectivity of your Type-C enabled notebooks, allowing you to connect to HDMI and VGA displays simultaneously. Please read this manual carefully to ensure proper use and optimal performance of your device.



Image: The Hoco HB29 Multi-Function Hub Converter, showcasing its compact design and Type-C cable, HDMI port, and VGA port.

PRODUCT FEATURES

- **Material:** Constructed from durable aluminum alloy and ABS for longevity.
- **Compact Size:** Dimensions of 109*28.8*11.6mm with a wire length of 150±5mm, weighing only 40g, making it highly portable.
- **Interface:** Features a Type-C male connector for input, and HDTV (HDMI) plus VGA ports for output.

- **HDMI Output:** Supports 4K resolution at 30Hz, providing synchronized audio and video.
- **VGA Output:** Supports 1080P resolution. Please note that VGA does not support audio output.
- **Simultaneous Output:** When both HDMI and VGA ports are used simultaneously, the output resolution is 1080P.
- **Wide Compatibility:** Designed for Type-C notebooks and compatible with most operating systems, including Windows and Mac OS, for connection to projectors, TVs, and monitors.

SETUP INSTRUCTIONS

1. **Connect the Hub to Your Device:** Insert the Type-C male connector of the Hoco HB29 into the Type-C port of your notebook, laptop, or compatible smartphone.
2. **Connect to Display (HDMI):** For HDMI connection, use a standard HDMI cable (not included) to connect the HDMI port on the Hoco HB29 to the HDMI input on your TV, monitor, or projector. Ensure the display device is powered on and set to the correct HDMI input source.
3. **Connect to Display (VGA):** For VGA connection, use a standard VGA cable (not included) to connect the VGA port on the Hoco HB29 to the VGA input on your monitor or projector. Ensure the display device is powered on and set to the correct VGA input source.
4. **Simultaneous Connection:** You can connect both an HDMI and a VGA display simultaneously. The output resolution will be 1080P for both displays.



Image: The Hoco HB29 converter connected to a laptop, demonstrating how to plug in both HDMI and VGA cables for dual display output.

OPERATING INSTRUCTIONS

Once connected, your operating system should automatically detect the external display(s). You may need to adjust display settings within your operating system.

- **Windows OS:**

- Right-click on your desktop and select "Display settings" or "Screen resolution".
- You can choose to "Duplicate these displays" (mirror your primary screen), "Extend these displays" (use the external display as an extension of your desktop), or "Show only on 1/2" (use only one display).
- Adjust resolution and orientation as needed.

- **Mac OS:**

- Go to "System Preferences" > "Displays".

- In the "Arrangement" tab, you can arrange your displays, mirror them, or extend your desktop.
- In the "Display" tab, you can adjust resolution and refresh rate.



Image: A laptop connected via the Hoco HB29 converter to two external monitors, demonstrating an extended desktop setup for increased productivity.



Image: The Hoco HB29 converter facilitating a connection between a laptop and a projector, ideal for presentations or larger screen viewing.

MAINTENANCE AND CARE

- **Cleaning:** Use a soft, dry cloth to clean the surface of the converter. Avoid using liquid cleaners or aerosols.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Avoid dropping the converter or subjecting it to strong impacts. Do not bend the cable excessively.
- **Connectivity:** Always ensure cables are inserted and removed gently to prevent damage to the ports.

TROUBLESHOOTING

Problem	Possible Cause / Solution
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Problem	Possible Cause / Solution
No display output.	<p>Ensure the Type-C connector is fully inserted into your device.</p> <p>Check if the HDMI/VGA cable is securely connected to both the converter and the display.</p> <p>Verify the display is powered on and set to the correct input source (HDMI/VGA).</p> <p>Restart your computer.</p> <p>Ensure your device's Type-C port supports video output (DisplayPort Alternate Mode).</p>
No audio from HDMI.	<p>Check your computer's sound settings to ensure the HDMI output is selected as the default playback device.</p> <p>Ensure your display device supports audio via HDMI.</p>
VGA output has no audio.	VGA is a video-only interface and does not transmit audio. Audio must be routed separately from your source device.
Resolution is not 4K (HDMI) or 1080P (VGA).	<p>Ensure your display device supports the desired resolution.</p> <p>Check your computer's display settings and adjust the resolution.</p> <p>If using both HDMI and VGA simultaneously, the maximum output resolution for both will be 1080P.</p>

SPECIFICATIONS

Feature	Detail
Model Number	HB29 - Metal Grey
Material	Aluminum Alloy + ABS
Dimensions (L x W x H)	10.9 x 2.88 x 1.16 cm
Wire Length	150 ± 5 mm
Weight	40 g
Input Interface	Type-C Male
Output Interfaces	HDTV (HDMI), VGA
HDMI Resolution Support	Up to 4K @ 30Hz (Audio and Video Sync)
VGA Resolution Support	Up to 1080P (Video Only, No Audio)
Simultaneous Output Resolution	1080P for both HDMI and VGA
Compatible Operating Systems	Windows, Mac OS, and other Type-C enabled systems
Manufacturer	Hoco

Feature	Detail
Date First Available	18 May 2023

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official HOCO website or contact your retailer. Keep your purchase receipt for warranty claims.

For further assistance, you may visit the [HOCO official website](#).

