

ABLEWE USB 3.0 to Dual HDMI

ABLEWE USB 3.0 to Dual HDMI Adapter User Manual

Model: USB 3.0 to Dual HDMI

1. PRODUCT OVERVIEW

The ABLEWE USB 3.0 to Dual HDMI Adapter allows you to connect up to two external monitors to your computer via a single USB 3.0 port. This adapter supports 2K video output at 60Hz, enabling extended or mirrored display configurations for enhanced productivity.



Image 1.1: The ABLEWE USB 3.0 to Dual HDMI Adapter, featuring a USB 3.0 connector on one end and two HDMI output ports on the other, housed in a gray metallic casing.

2. PACKAGE CONTENTS

- 1 x ABLEWE USB 3.0 to Dual HDMI Adapter
- 1 x User Manual (this document)

3. SYSTEM REQUIREMENTS

- **Operating System:** Windows 11/10/8.1/8/7, Mac OS, Chrome OS. *Note: Not compatible with Linux or Vista.*
- **USB Port:** Available USB 3.0 port (USB 2.0 may result in reduced performance).
- **Display:** Monitors, HDTVs, or projectors with HDMI input.

2K HDMI Video Output



Image 3.1: Diagram illustrating the wide compatibility of the adapter with various operating systems (Windows 7, 8, 10/11, Mac OS) and target devices (HDTV, Monitor, Projector), as well as source devices (Laptop, Desktop).

4. SETUP INSTRUCTIONS

4.1 Driver Installation

Before connecting the adapter, it is necessary to install the DisplayLink driver on your computer. This driver ensures proper functionality and performance.

- 1. Download Driver:** Visit the official DisplayLink website or the ABLEWE support page to download the latest driver compatible with your operating system.

2. **Install Driver:** Follow the on-screen instructions to complete the driver installation. You may be prompted to restart your computer.

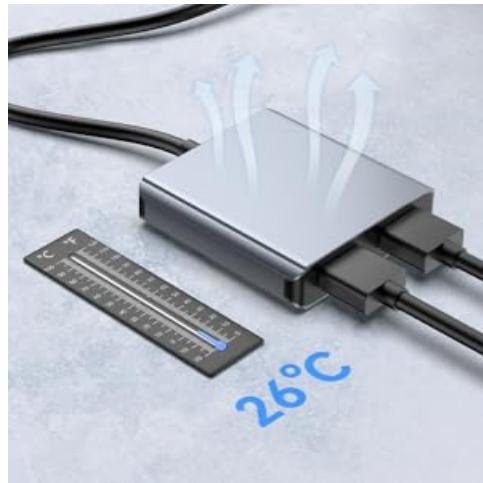


Image 4.1: An illustration of a DisplayLink chip, emphasizing the core technology used within the adapter for display management.

4.2 Connecting the Adapter

1. Ensure the DisplayLink driver is installed and your computer has restarted if required.
2. Connect the USB 3.0 connector of the ABLEWE adapter to an available USB 3.0 port on your computer.
3. Connect your HDMI monitors to the HDMI output ports on the ABLEWE adapter using standard HDMI cables.
4. Power on your external monitors.



Add 2 Extra HDMI Displays to PC or Laptop

Image 4.2: A visual guide showing the ABLEWE adapter connected to a laptop via USB 3.0, with two HDMI cables ready to connect to external displays.

5. OPERATING INSTRUCTIONS

5.1 Display Modes

The adapter supports two primary display modes: Mirror Mode and Extend Mode.

- **Mirror Mode (Duplicate Mode):** All connected displays (including your computer's primary display) show the same content.
- **Extend Mode:** Each connected display shows different content, expanding your desktop workspace.

5.2 Configuring Displays (Windows/Chrome OS)

For Windows and Chrome OS, you can configure your displays to operate in Mirror Mode or Extend Mode, supporting up to three independent displays (your laptop screen + two external monitors).

2 Display Modes for mac OS

Duplicate Mode



Extend Mode



Note: macOS does not support extended mode:ABC

Image 5.1: A diagram illustrating the three display modes for Windows/Chrome OS: Mirror Mode (all screens show 'A'), Extend Mode I (laptop 'A', two external 'B'), and Extend Mode II (laptop 'A', one external 'B', second external 'C').

5.3 Configuring Displays (Mac OS)

For Mac OS, the adapter supports Mirror Mode and Extend Mode. However, due to Mac OS limitations, the two additional screens connected via the adapter will display the same content in Extend Mode (i.e., you cannot have three independent displays: laptop + external 1 + external 2 showing different content).



Image 5.2: A diagram showing the two display modes for Mac OS: Duplicate Mode (all screens show 'A') and Extend Mode (laptop 'A', both external screens show 'B'). It notes that Mac OS does not support extended mode with three distinct displays (A, B, C).

5.4 Resolution Support

The adapter supports a maximum resolution of 2K (2048x1152) at 60Hz for each connected HDMI display.

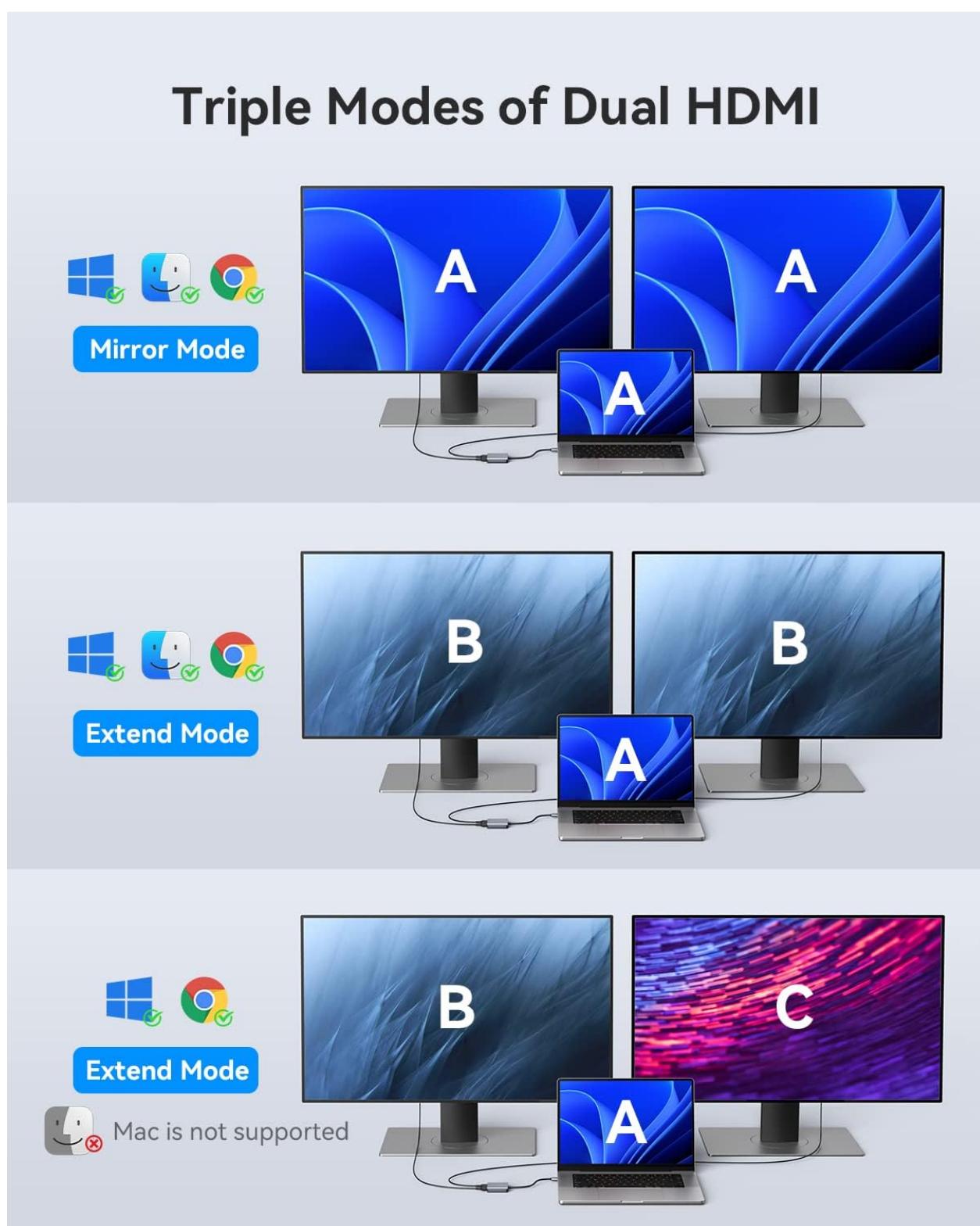


Image 5.3: An image depicting a laptop connected to an external monitor via the adapter, displaying high-resolution 2K content (2048x1152@60Hz).

6. MAINTENANCE

To ensure the longevity and optimal performance of your ABLEWE USB 3.0 to Dual HDMI Adapter, follow these guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the adapter. Avoid liquid cleaners.
- **Storage:** Store the adapter in a cool, dry place away from direct sunlight and extreme temperatures.
- **Temperature Management:** The adapter is designed to operate efficiently and maintain a cool temperature during use.

Wide Compatibility

Windows & Mac OS



Windows 7



Windows 8



Windows 10/11



Mac OS

Target Device



HDTV



Monitor



Projector



Source Device



Laptop



Desktop

Image 6.1: An illustration showing the adapter dissipating heat, with a thermometer indicating an operating temperature of 26°C, highlighting its efficient thermal design.

7. TROUBLESHOOTING

- **No Display/Flickering:**

- Ensure the DisplayLink driver is correctly installed and updated.
- Verify all cables (USB and HDMI) are securely connected.
- Try connecting the adapter to a different USB 3.0 port on your computer.
- Test with different HDMI cables and monitors to rule out faulty peripherals.
- Restart your computer after connecting the adapter.

- **Incorrect Resolution:**

- Check your computer's display settings to ensure the correct resolution (up to 2048x1152@60Hz) is selected for each monitor.
- Ensure your monitors support the desired resolution.

- **Mac OS Extend Mode Limitation:**

- As noted in Section 5.3, Mac OS will mirror content across the two external displays when in Extend Mode. This is a system limitation, not a fault of the adapter.

- **Driver Issues:**

- If you encounter issues with drivers, uninstall any existing DisplayLink drivers, restart your computer, and then perform a clean installation of the latest driver from the official DisplayLink website.

8. SPECIFICATIONS

Feature	Specification
Model Number	USB 3.0 to Dual HDMI
Brand	ABLEWE
Connector Type	HDMI, USB Type A
Compatible Devices	Desktop, Laptop, Monitor, Projector
Supported OS	Windows 11/10/8.1/8/7, Mac OS, Chrome OS
Max Resolution	2048x1152 @ 60Hz (per HDMI port)
Dimensions	12.5 x 8.1 x 1.9 cm (Packaging)
Weight	70 Grams (Packaging)



Image 8.1: A visual representation of the adapter's dimensions, showing its compact size with measurements of 13.5cm (total length including cable), 6.5cm (adapter width), and 6cm (adapter length).

9. WARRANTY AND SUPPORT

The ABLEWE USB 3.0 to Dual HDMI Adapter comes with a **12-month warranty**. Additionally, ABLEWE provides **lifetime technical support** for this product.

If you require assistance, encounter any issues, or have questions regarding the product, please do not hesitate to contact ABLEWE customer support. Our team is committed to helping you resolve any problems within 24 hours.

For support, please refer to the contact information provided with your purchase or visit the official ABLEWE website.

Related Documents - USB 3.0 to Dual HDMI

	<p>ABLEWE 4-in-1 USB-C Hub User Guide</p> <p>Comprehensive user guide for the ABLEWE 4-in-1 USB-C hub, detailing its features, setup, specifications, and troubleshooting for connecting peripherals and wired networks to USB-C enabled devices.</p>
	<p>Tripp Lite U444-06N-2H-MST USB-C to Dual 4K HDMI Adapter Owner's Manual</p> <p>Owner's manual for the Tripp Lite U444-06N-2H-MST USB-C to Dual 4K HDMI adapter with Multi-Stream Transport. Details product features, system requirements, installation steps, technical specifications, warranty information, and FCC compliance.</p>
	<p>Digitech AC1826 USB 3.0 to Dual HDMI 4K@60Hz Adapter - Instruction Manual</p> <p>This instruction manual provides comprehensive details for the Digitech AC1826 USB 3.0 to Dual HDMI Adapter. It covers safety guidelines, product features, system requirements, installation procedures for Windows and macOS, display mode settings, troubleshooting common issues, supported resolutions, technical specifications, and warranty information.</p>

 <p>EIRA ER2024CU2H: 2-in-1 USB-C/A to Dual HD Port Adapter for Enhanced Productivity</p> <p>Explore the EIRA ER2024CU2H, a versatile 2-in-1 USB-C/A to Dual HD Port adapter. It offers dual display support up to 4K@30Hz and 1080P@60Hz, broad OS compatibility (Windows, macOS, ChromeOS), and a premium aluminum build, ideal for boosting productivity in workstations, offices, and home entertainment setups.</p>	
 <p>USB 3.0 to HDMI Display Adapter JHIU0109 Just Hook It Up Cables</p> <p>Connect your USB 3.0 enabled laptop or desktop to an HDMI display with the Just Hook It Up JHIU0109 adapter. Supports 1080p video and easy installation for Windows.</p>	
 <p>Savio CL-23 HDMI to VGA Adapter User Manual</p> <p>User manual for the Savio CL-23 HDMI to VGA adapter, providing installation instructions, package contents, safety information, and warranty details.</p>	