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UANTIN B0D5CWQJ68

UANTIN USB 3.0/USB C to Dual HDMI Adapter User Manual

Model: B0D5CWQJ68

1. Introduction

The UANTIN USB 3.0/USB C to Dual HDMI Adapter is designed to expand your display capabilities, allowing you to connect two external HDMI monitors to your laptop or computer. This adapter supports both USB 3.0 and USB-C connections, making it compatible with a wide range of devices, including Windows PCs and Mac M1/M2/M3 models. It enables extended display modes with resolutions up to 4K@30Hz on one HDMI port and 1080p@60Hz on the second HDMI port, enhancing productivity for various applications.

2. Product Overview

2.1 Package Contents

- 1 x UANTIN USB-A or USB-C to Dual HDMI Adapter

2.2 Key Features

- **Dual Display Output:** Supports two HDMI displays simultaneously.
- **High Resolution:** HDMI1 supports up to 4K@30Hz, HDMI2 supports up to 1080p@60Hz.
- **Wide Compatibility:** Works with Windows 7/8/10/11, macOS 11+, and ChromeOS 100+ systems. Compatible with USB 3.0 and USB-C ports.
- **Durable Design:** Features a woven nylon sheath cable and an upgraded aluminum alloy case for enhanced durability and heat dissipation.
- **2-in-1 Connector:** Integrated USB-A and USB-C connector for versatile connectivity.



Image: The UANTIN USB 3.0/USB C to Dual HDMI Adapter, showcasing its compact design and 2-in-1 connector.

3. Setup Instructions

Before using the adapter, it is essential to install the corresponding system driver for your laptop. This adapter utilizes DisplayLink technology, which requires a driver for proper functionality, especially for extended display modes.

3.1 Driver Installation

1. **Download Driver:** Visit the official UANTIN support website or DisplayLink website to download the latest driver compatible with your operating system (Windows, macOS, ChromeOS).
2. **Install Driver:** Follow the on-screen instructions to install the driver. You may need to restart your computer after installation.
3. **Verify Installation:** After restarting, ensure the DisplayLink software is running in your system tray or menu bar.

3.2 Connecting the Adapter

1. **Connect HDMI Monitors:** Plug your HDMI cables from your external monitors into the HDMI1 and HDMI2 ports on the UANTIN adapter.
2. **Connect to Computer:** Connect the adapter's integrated USB-A or USB-C connector to an available USB 3.0 or USB-C port on your laptop or computer. Ensure your USB-C port supports video output functionality if using USB-C.
3. **Power On:** Power on your computer and external monitors. The displays should be detected automatically after the driver is installed.



Image: A MacBook connected to two external monitors via the UANTIN adapter, demonstrating an extended display setup for macOS. Driver installation is required.



Image: A Windows laptop connected to two external monitors via the UANTIN adapter, illustrating an extended display setup for Windows systems. Driver installation is required.

4. Operating Instructions

Once the adapter is connected and drivers are installed, you can configure your display settings through your operating system.

4.1 Display Modes

The adapter supports various display modes, including Mirror Mode and Extended Mode (MST/SST).

- **Extended Mode (MST/SST):** Allows each external monitor to display different content, extending your desktop across multiple screens. This is ideal for multitasking and increased productivity.
- **Mirror Mode:** Duplicates your primary display onto the external monitors, showing the same content on all screens.



Image: Diagram illustrating Extended Mode 1 (A-B-C), Extended Mode 2 (A-B-B), and Mirror Mode (A-A-A) for Windows and Mac OS, showing which modes are supported.

4.2 Configuring Displays (Windows)

1. Right-click on your desktop and select **'Display settings'**.
2. Under **'Multiple displays'**, select your desired display mode (Extend these displays, Duplicate these displays, etc.).
3. Drag and drop the display boxes to arrange your monitors as they are physically positioned.
4. Adjust resolution and orientation for each monitor as needed.

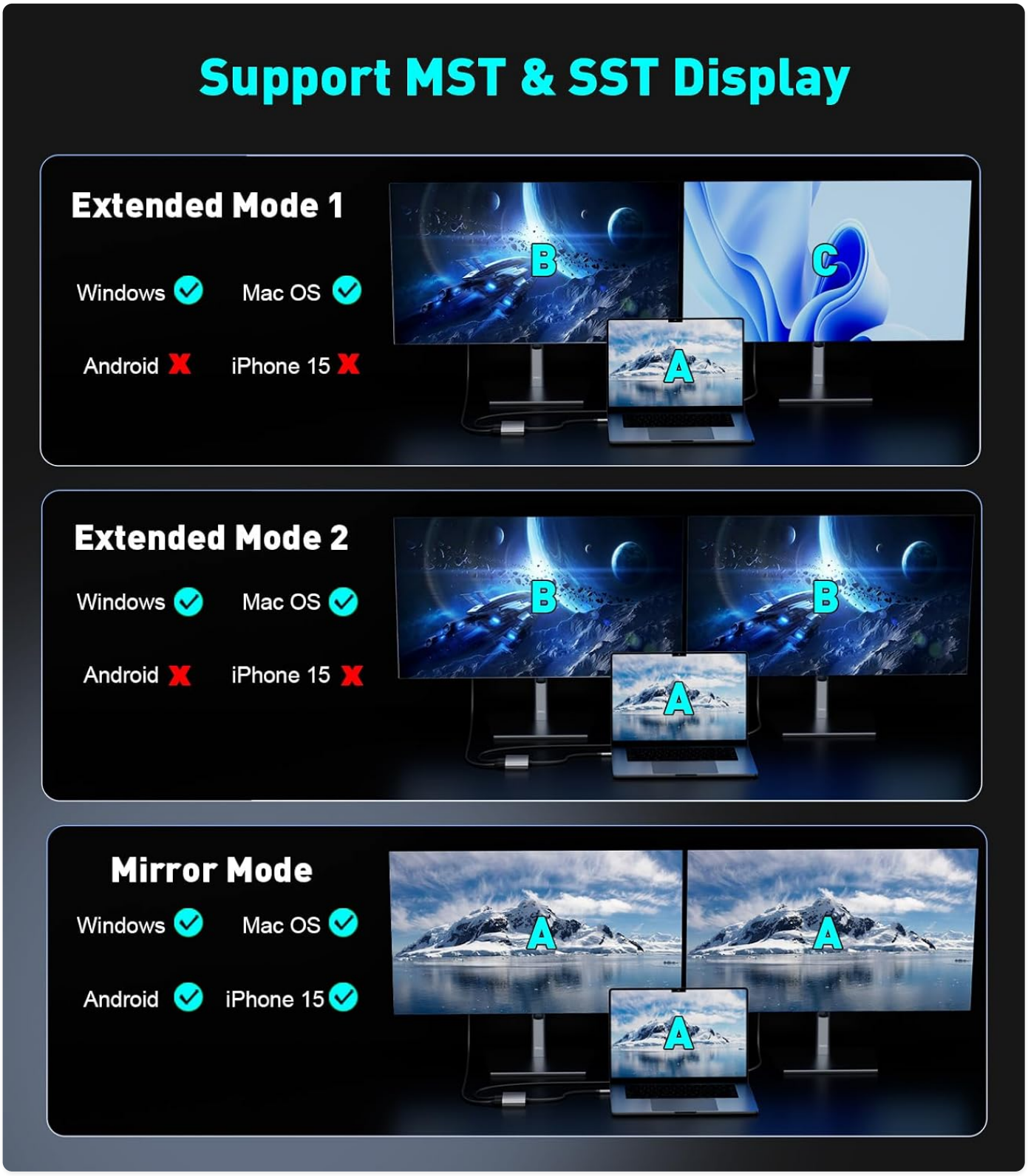


Image: Visual representation of Mirror Mode (A-A-A), Extend Mode (A-B-B), and Extend Mode (A-B-C) for Windows systems, indicating supported resolutions for each HDMI output.

4.3 Configuring Displays (macOS)

1. Go to **'System Settings'** (or 'System Preferences' on older macOS versions) >**'Displays'**.
2. Click on **'Arrangement'** to drag and drop the display icons to match your physical setup.
3. Select **'Mirror Displays'** for duplication or uncheck it for extended desktop.
4. Adjust resolution and refresh rate for each monitor as needed.



Image: Visual representation of Mirror Mode (A-A-A), Extend Mode (A-B-B), and Extend Mode (A-B-C) for macOS, indicating supported resolutions for each HDMI output.

5. Compatibility

This adapter is designed for broad compatibility, but certain requirements must be met for optimal performance.

5.1 System Requirements

- **Operating Systems:** Windows 7/8/10/11, macOS 11+, ChromeOS 100+.
- **USB Port:** Available USB 3.0 (Type-A) or USB-C port.

- **USB-C Port Functionality:** If using a USB-C port, it must support video output (DisplayPort Alt Mode or Thunderbolt). Not all USB-C ports support video output.



Image: A guide to checking the capability of a Type-C port, distinguishing between Thunderbolt Full Function, With DP Alt Mode, Data Transfer + DP Alt Mode (compatible) versus Data Transfer Only and Charging Only (incompatible for video output).

5.2 Compatible Devices

The adapter is compatible with a variety of laptops and devices that meet the system requirements, including:

- MacBook Pro/Air M1/M2/M3, iMac
- Dell XPS 13/15, HP, Lenovo, Asus, Surface Pro 8, Surface Book 3
- Other USB C devices with video output capability.

5.3 Incompatible Devices

Devices that typically do not support video output via their USB ports or are not designed for this adapter include:

- Fire Tablet, Nintendo Switch, GoPro, Kindle, Cameras, Car systems, Motorola, Samsung A Series phones.



Image: A visual chart detailing compatible devices (iMac, MacBook Pro/Air, Surface Pro 8, Surface Book 3, HP, Dell, Asus, Lenovo) and incompatible devices (Fire Tablet, Nintendo Switch, GoPro, Kindle, Camera, Car, Motorola, Samsung A Series).

6. Maintenance

To ensure the longevity and optimal performance of your UANTIN Dual HDMI Adapter, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the adapter. Avoid liquid cleaners or abrasive materials.
- **Storage:** Store the adapter in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Avoid bending the cable sharply or applying excessive force to the connectors. The woven nylon cable is designed for durability, but proper handling extends its life.
- **Heat Management:** The aluminum alloy casing helps dissipate heat. Ensure the adapter has adequate ventilation during use. If the device feels excessively hot, disconnect it and allow it to cool down.



Image: Close-up of the adapter's features, highlighting the 30cm nylon cable for durability, the 2-in-1 connect design for portability, and the aluminum alloy shell for heat dissipation.

7. Troubleshooting

If you encounter issues with your UANTIN Dual HDMI Adapter, refer to the following troubleshooting steps:

7.1 No Display / Monitors Not Detected

- **Driver Check:** Ensure the DisplayLink driver is correctly installed and updated. A common issue is the adapter not functioning without the required driver.
- **Restart Computer:** Sometimes a simple restart can resolve detection issues after driver installation.
- **Cable Connections:** Verify that all HDMI cables and the adapter's USB connector are securely plugged into both the monitors and the computer. Try re-plugging them.
- **USB Port:** If using a USB-C port, confirm it supports video output (DisplayPort Alt Mode or Thunderbolt). Try a different USB port if available.
- **Monitor Input:** Ensure your monitors are set to the correct HDMI input source.

7.2 Intermittent Display / Flickering

- **Cable Quality:** Use high-quality HDMI cables. Faulty or low-quality cables can cause signal issues.
- **Resolution/Refresh Rate:** Ensure the display resolution and refresh rate are supported by both your monitors and the adapter. Lowering the resolution might help if the issue persists.
- **Heat:** Excessive heat can sometimes lead to performance issues. Ensure the adapter is in a well-ventilated area.

7.3 Adapter Gets Hot During Use

- **Normal Operation:** It is normal for the adapter to become warm during operation, especially when driving two high-resolution displays. The aluminum casing is designed to dissipate this heat.
- **Ventilation:** Ensure the adapter is not covered and has sufficient airflow around it.
- **Excessive Heat:** If the adapter becomes uncomfortably hot to touch or causes system instability, disconnect it immediately and contact support.

8. Specifications

Feature	Specification
Model	B0D5CWQJ68
Brand	UANTIN
Connector Type	USB Type A, USB Type C
HDMI Output 1	Up to 4K@30Hz
HDMI Output 2	Up to 1080p@60Hz
Compatible Devices	Laptop (Windows, macOS, ChromeOS)
Cable Type	HDMI, USB
Color	Grey
Number of Ports	4 (1x USB-A/C input, 2x HDMI output)

9. Warranty and Support

9.1 Warranty Information

This UANTIN product comes with a **2-Year Warranty** from the date of purchase. This warranty covers manufacturing defects and ensures the product meets its specified performance. Please retain your proof of purchase for warranty claims.

9.2 Customer Support

For any questions, technical assistance, or warranty claims, please contact UANTIN customer support. We are committed to delivering fast and responsive support within 24 hours.
Contact Information: Please refer to the contact details provided on the UANTIN official website or your product packaging.

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