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› [WAVLINK WL-UG3501HPDX USB 3.0 to HDMI Universal Video Adapter Instruction Manual](#)

WAVLINK WL-UG3501HPDX

WAVLINK WL-UG3501HPDX USB 3.0 to HDMI Universal Video Adapter Instruction Manual

Model: WL-UG3501HPDX

Brand: WAVLINK

1. INTRODUCTION

The WAVLINK WL-UG3501HPDX USB 3.0 to HDMI Universal Video Adapter is designed to expand your computer's display capabilities, allowing you to connect additional monitors for enhanced productivity. This adapter utilizes DisplayLink technology to provide a versatile solution for extending or mirroring your desktop across multiple screens. It supports resolutions up to 2048x1152@60Hz or 2560x1440@50Hz and is compatible with various operating systems including Windows, MacOS, Ubuntu, and ChromeOS.

USB 3.0またはUSB-CからHDMI 2 Kアダプター



Image 1: WAVLINK USB 3.0 to HDMI Universal Video Adapter showing its various ports and included USB-C converter.

2. PACKAGE CONTENTS

- WAVLINK WL-UG3501HPDX USB 3.0 to HDMI Universal Video Adapter
- USB-C to USB-A Converter (for broader compatibility)
- Quick Start Guide (may include QR code for digital manual/drivers)

3. SPECIFICATIONS

| | |
|----------------|--|
| Model Number | WL-UG3501HPDX |
| Connector Type | USB Type A (with included USB-C converter) |

| | |
|---------------------------|--|
| Output Port | HDMI |
| Max Resolution | 2048x1152@60Hz or 2560x1440@50Hz |
| Audio Ports | 2.1CH Microphone In, Earphone Out |
| Dimensions (LxWxH) | 8.5 x 6 x 1.6 inches |
| Weight | 3.2 ounces |
| System Support | Windows 11/10/8/8.1/7; MacOS Ventura 13, Monterey 12, Big Sur 11, Catalina 10.15, Mojave 10.14; Ubuntu 20.04/22.04; ChromeOS build R51 or later; Android 5 (Lollipop) onwards with USB OTG mode. |

4. SETUP GUIDE

4.1 Hardware Connection

- 1. Connect the Adapter to your Computer:** Insert the USB 3.0 connector of the WAVLINK adapter into an available USB 3.0 port on your computer. If your computer only has USB-C ports, use the provided USB-C to USB-A converter to connect the adapter.
- 2. Connect to Display:** Connect an HDMI cable (not included) from the HDMI output port of the WAVLINK adapter to the HDMI input port on your external monitor, HDTV, or projector.
- 3. Audio Connection (Optional):** For external audio, connect your microphone to the 2.1CH Microphone In port and your earphones to the Earphone Out port on the adapter.

デバイスの互換性



デスクトップ



パソコン



ANDROID スマホ



HDTV



モニタ



プロジェクタ

Image 2: The WAVLINK adapter demonstrating connectivity with various devices and display types.

システムの互換性



Image 3: The adapter's broad operating system compatibility, including MacOS, Windows, and Ubuntu.

4.2 Driver Installation (DisplayLink)

The WAVLINK WL-UG3501HPDX adapter requires the DisplayLink driver to function correctly. Please download and install the appropriate driver for your operating system from the official DisplayLink website (www.synaptics.com/products/displaylink-usb-graphics/downloads).

For MacOS Users:

MacOS requires specific permissions for DisplayLink to operate. Follow these steps to install the DisplayLink Manager application:

1. Launch your web browser (e.g., Safari) and navigate to the DisplayLink downloads page.
2. Locate and download the correct version of the DisplayLink Manager application for your MacOS version (e.g., Ventura 13, Monterey 12).
3. Double-click the downloaded file to start the application installer.
4. Follow the on-screen prompts, clicking "Continue" and "Agree" to the license agreement.
5. Enter your system password when prompted to allow the installation.
6. After installation, you may receive a request from DisplayLink Manager to allow notifications. Click "Allow".
7. **Important:** MacOS requires you to permit "Screen Recording" for the DisplayLink driver to work properly. Go to **System Settings > Privacy & Security > Screen Recording** and enable DisplayLink Manager. You may need to authenticate with your login details. If prompted to "Quit & Reopen", click it.

Your browser does not support the video tag.

Video 1: Official WAVLINK guide on how to download and install the DisplayLink Manager application for MacOS.

For Windows, Ubuntu, and ChromeOS Users:

Download the appropriate DisplayLink driver from the official DisplayLink website and follow the on-screen installation instructions. Typically, these operating systems require less manual configuration for screen recording permissions compared to MacOS.

5. OPERATING MODES

Once the adapter is connected and drivers are installed, you can configure your display settings to utilize the external monitor in various modes:

- **Extend Mode:** This mode expands your desktop workspace across multiple screens, allowing you to have different applications open on each display. This is ideal for multitasking and increasing productivity.
- **Mirror Mode (Duplicate Mode):** This mode duplicates your primary display onto the external monitor, showing the same content on both screens. This is useful for presentations or sharing content with an audience.

The DisplayLink software allows you to easily switch between these modes and arrange your displays as needed. You can connect multiple WAVLINK adapters (one per monitor) to your computer to support up to 6 total monitors on PCs.

Windows 及び Mac OS の表示モード



Image 4: Visual representation of Mirror Mode and Extend Mode for display configuration.

6. TROUBLESHOOTING

- **No Display/Black Screen:**
 - Ensure the adapter is securely connected to both your computer's USB port and the monitor's HDMI port.
 - Verify that the DisplayLink driver is correctly installed and updated to the latest version.
 - Check your computer's display settings to ensure the external monitor is detected and configured (extended or mirrored).
 - Try a different HDMI cable or USB port on your computer.
 - Restart your computer after driver installation or configuration changes.
- **Resolution Issues:**
 - Ensure your monitor supports the desired resolution.
 - Adjust the resolution in your computer's display settings.

- Update your graphics drivers and DisplayLink drivers to the latest versions.
- **MacOS Screen Recording Permission:** If you experience issues on MacOS, double-check that "Screen Recording" permission is granted to DisplayLink Manager in **System Settings > Privacy & Security**.
- **Flickering or Instability:**
 - Ensure all cables are securely connected.
 - Reduce the display resolution or refresh rate if your system resources are limited.
 - Update all relevant drivers.

For further assistance, refer to the official DisplayLink support resources or the WAVLINK support website.

7. MAINTENANCE

- Keep the adapter in a clean, dry environment.
- Avoid exposing the adapter to extreme temperatures or humidity.
- Do not attempt to disassemble or modify the adapter.
- Clean the adapter with a soft, dry cloth. Avoid using liquid cleaners.

8. WARRANTY AND SUPPORT

This WAVLINK product comes with an **18-month limited warranty** from the date of purchase. This warranty covers manufacturing defects and ensures the product functions as described under normal use.

For technical support, warranty claims, or general inquiries, please contact WAVLINK directly:

Phone: +1 8889730883 (UTC-5) Mon - Fri 9AM - 6PM

Email: Contact@wavlink.com



Image 5: WAVLINK customer support contact details.