

MSL FORCE u2hd-pro-2

USB 3.0 to HDMI Conversion Adapter User Manual

Brand: MSL FORCE | Model: u2hd-pro-2

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and troubleshooting of your MSL FORCE USB 3.0 to HDMI Conversion Adapter. This adapter allows you to connect your USB 3.0 compatible PC to an HDMI display, supporting resolutions up to 1920x1080p. It is an ideal solution for expanding your display capabilities and enhancing work efficiency through multi-display setups.

IMPORTANT NOTES AND PRECAUTIONS

- This product is designed exclusively for **USB 3.0 ports**. Connecting to a USB 2.0 port may result in lower resolution or no video output. Please verify your PC's USB port compatibility before use.
- Always connect the adapter directly to your PC or device. Avoid using USB hubs, as this may affect performance.
- After driver download, it may take several seconds to tens of seconds for the device to be recognized by your system.
- While the product utilizes USB 3.0 transfer speeds to its limit, simultaneous video signal conversion may cause a 1-2 second display delay (screen flickering) or temporary freezing.
- Ensure your monitor is set to HDMI input mode after connecting the adapter. Some monitors may require manual input selection as they lack an auto-search function.

- Antivirus software on your PC might prevent driver download. If this occurs, temporarily disable your antivirus and try again.
- Be cautious when using this product with PCs (especially corporate PCs) that have network security settings, as it may lead to system malfunctions.
- Refresh rate cannot be changed with this product.
- This product is **not compatible with Apple products**.
- The display performance and number of supported displays are influenced by your CPU's performance.
- This product does not support HDCP. Copyright-protected content, such as digital terrestrial broadcasts, cannot be displayed.
- When displaying your PC screen on a TV, please refer to your TV's instruction manual for specific settings and limitations.
- The product uses two chips, which may cause it to generate heat during use. This is within the normal operating range, and the product is safe to use. If you are concerned, we recommend using a heatsink (sold separately).
- This product is primarily designed for PCs and monitors. Connecting it to car navigation systems or other in-car devices may result in errors.

PRODUCT FEATURES

- **USB 3.0 to HDMI Video Conversion:** Connect your USB-A compatible PC to HDTVs, monitors, or projectors, outputting high-resolution video up to 1920x1080.
- **High Quality and Durability:** Constructed from aluminum alloy, offering excellent abrasion resistance and fire resistance for robust and reliable use. Ensures smooth transfer of high-resolution video without signal delay or interruption.
- **Two Modes for Enhanced Work Efficiency:**
 - **Extension Mode:** Extends your PC desktop across multiple displays, allowing you to view different content on each screen. This is ideal for multitasking, such as having a document open on one screen and a web browser on another. Windows and mouse pointers can move seamlessly between displays.
 - **Mirror Mode:** Duplicates your primary PC screen onto the connected external display. This is useful for presentations, sharing content with an audience, or simply viewing your desktop on a larger screen.

To switch between Extension and Mirror modes, press the **Windows Key + P** on your keyboard and select your desired display option.

USB3.0からHDMIへ変換



USB-A対応のPCからHDTVやモニター、
プロジェクターなどの機器に**最大1920×1080**の
高解像度な映像を映し出すことができます。

Figure 1: USB 3.0 to HDMI Conversion Diagram. This image illustrates how the adapter converts a USB 3.0 signal from a PC to an HDMI signal for display on a monitor, TV, or projector, supporting Full HD 1920x1080 resolution.

マルチディスプレイ対応



ミラーモード

小さな画面を大きな画面に変換でき、より鮮明な視覚体験を提供します。



拡張モード

複数台のディスプレイを1つの大画面として表示することができます。

Figure 2: Multi-Display Modes. This image demonstrates the two display modes: Mirror Mode (duplicating the screen) and Extension Mode (extending the desktop across multiple screens).

SETUP GUIDE

1. Driver Installation

The driver for this adapter is designed for easy installation. When you connect the adapter to your PC, a pop-up will appear prompting you to download the driver. Please follow the on-screen instructions and refer to the included instruction manual for the correct download sequence.

Your browser does not support the video tag.

Video 1: USB HDMI Adapter Driver Installation Guide. This video demonstrates the step-by-step process of installing the necessary drivers for the USB to HDMI adapter on a Windows PC.

2. Connecting the Adapter

1. Ensure your PC is powered on and running.
2. Connect the USB-A end of the adapter directly into an available USB 3.0 port on your PC. Avoid using USB hubs.

3. Connect an HDMI cable (not included) from the HDMI output port of the adapter to the HDMI input port on your monitor, HDTV, or projector.
4. Turn on your display device and select the correct HDMI input source.
5. Allow a few moments for your PC to recognize the new display.



Figure 3: Adapter Connection Example. This image shows the USB to HDMI adapter connecting a laptop to an external monitor, illustrating a typical setup.



Figure 4: Desktop PC Connection Recommendation. For desktop PCs, it is recommended to connect the adapter directly to a USB port on the motherboard (typically at the back of the PC) for optimal performance.

OPERATING MODES

The adapter supports two primary display modes to enhance your productivity:

1. Extension Mode

In Extension Mode, your desktop is expanded across multiple displays, allowing you to view different content on each screen. This is ideal for multitasking, such as having a document open on one screen and a web browser on another. Windows and mouse pointers can move seamlessly between displays.

2. Mirror Mode

Mirror Mode duplicates your primary PC screen onto the connected external display. This is useful for presentations, sharing content with an audience, or simply viewing your desktop on a larger screen.

To switch between Extension and Mirror modes, press the **Windows Key + P** on your keyboard and select your desired display option.

Your browser does not support the video tag.

Video 2: MSL FORCE USB 3.0 to HDMI Adapter U2HD Demonstration. This video showcases the adapter's capabilities, including setting up extension and mirror modes for various applications.

メイン画面とサブ画面を比較しながらの作業に

画面を分割することで作業効率が大幅にアップ

株式取引やFX
デイトレードにも最適

レポート作成にも高い効率性

Figure 5: Enhanced Work Efficiency. This image illustrates various multi-monitor setups, highlighting how the adapter can improve productivity for tasks like stock trading, FX, and report creation.

TROUBLESHOOTING

If the product does not function correctly, please follow these steps:

1. Verify that you have followed all steps in this instruction manual in the correct order.
2. Ensure your Windows operating system is updated to the latest version.
3. Firmly insert all connectors into their respective ports and restart your computer.

- Try connecting the adapter to a different USB port on your PC to check for functionality.
- Uninstall any drivers from other manufacturers that might be interfering.
- Uninstall the current driver for this device, then visit the official MSL FORCE website to download and install the latest driver.

SPECIFICATIONS

Feature	Description
Brand Name	MSL FORCE
Model Number	u2hd-pro-2
Connector Type	USB Type-A (Input) to HDMI (Output)
Max Resolution	1920x1080p (Full HD)
Compatibility	Monitors, PCs (Windows XP, 7, 8, 8.1, 10, 11)
Material	Aluminum Alloy (Metallic finish)
Audio Support	No (Audio not supported)
Power Source	No plug required (Bus-powered via USB)
Dimensions	19.3 x 11.6 x 1.5 cm
Weight	40 g

WARRANTY AND SUPPORT

In the unlikely event of a quality defect due to manufacturing, the product will be exchanged for an equivalent item. Beyond this, the manufacturer is not responsible for any damages or accidents that may occur during product use.

For further support or inquiries, please contact MSL FORCE customer service through the official channels.