Cable Matters

USB 3.0 to HDMI® 4K Adapter

Model 202048

1) INSTALL DRIVERS **
2) CONNECT ADAPTER & CABLES
3) CONFIGURE DISPLAYS

** Drivers download automatically in **Windows 10**

User Manual

(Available in a PDF file)

Email: support@cablematters.com

Table of Contents

1. Introduction

1.1 Introduction

Thank you for your purchase from Cable Matters® Inc., the 'Reliable Connectivity' company. This User Manual provides an overview of the features and installation of your new:

USB 3.0 to HDMI® 4K Adapter

Please read these instructions carefully before connecting, operating or configuring this product. Please keep this manual for future reference.

Contact **support@cablematters.com** for questions or product support.

1.2 Copyright and Trademarks

Specifications are subject to change without notice. Cable Matters is a registered trademark or trademark of Cable Matters Inc. All rights reserved. All other trademarks are the property of their respective owners.

1.3 FCC Compliance Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.

2. PRODUCT OVERVIEW

2.1 Package Contents

Please check that the following items are contained in the package:

1 x USB 3.0 to HDMI 4K Adapter
1 x CD with drivers and User Manual
1 x User Manual

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2.2 Product Description

The Cable Matters USB 3.0 to HDMI Adapter provides an easy way to connect a 4K display with HDMI to a computer with USB. Add a monitor to a computer without an HDMI port or add an additional display when the other video ports on your computer are occupied.

2.3 Product Features

- Adapter converts a USB port to HDMI to connect a display HDMI

- Supports Main, Extended, or Mirrored display modes

- Video Resolution support up to 3840 x 2160 @ 30 Hz

- Enable an older computer to connect a 4K display

- Portable and lightweight adapter is easy to carry and store

- Simple installation with drivers on the CD or downloadable from Cable Matters website

2.4 System Requirements

Computer:	USB 3.0 computer port (2.0 is not recommended)
	Minimum i5 Core 2+ GHz CPU / 4 GB Ram
	i7 Core (or similar) for video playback
	CD drive or internet access for driver download
Supported OS:	Windows 7, 8, 8.1, 10 (32 or 64 bit)
	Mac OS X 10.8.5 or higher
Display:	HDMI port and HDMI cable
	(HDMI 1.4 rated cable is required for UHD)

3. Connection and Operation

3.1 Installation Checklist

- **DO NOT** connect the adapter until after the drivers are installed **
    - (** **Windows 10** downloads the driver automatically when connected)
- An HDMI cable is required (sold separately)
- Use a high quality HDMI cable in the shortest length needed
- 4K UHD resolution support requires an HDMI 1.4 cable
- Disconnect any other cables from the computer to the display monitor
- Close all unnecessary programs before installing the drivers
- Be prepared to reboot your computer after the driver installation
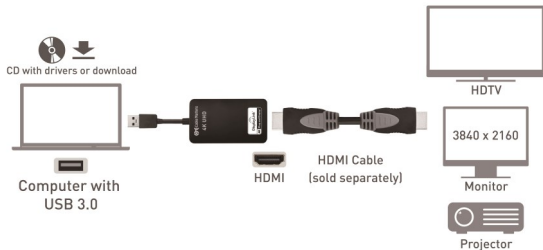- Connect to a USB 3.0 extension cable for more flexibility

3.2 Driver Installation

1) Insert the CD and open the folder for Windows or Mac OS
2) Click on the setup application and follow the instructions
3) Reboot your computer after the installation is complete

Installation Notes:

- Computers without a CD drive can download the drivers and User Manual from **www.cablematters.com/downloads**
- DisplayLink software installer checks for any incompatible drivers
- Windows and Mac users with the latest OS versions can check for updated drivers from the Cable Matters download link
- Consult **kb.cablematters.com** for more information

3.3 Connection Instructions

CD with drivers or download

Computer with
USB 3.0

HDMI

HDMI Cable
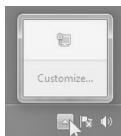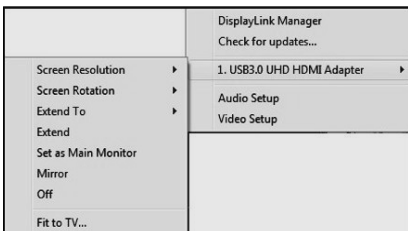(sold separately)

HDTV

3840 x 2160

Monitor

Projector

<u>CONNECTING TO A DISPLAY WITH HDMI</u>

1)   Install the DisplayLink software drivers (Windows 7/8/8.1) **
2)   Connect the adapter to the computer
3)   Connect an HDMI cable to the display and the adapter
4)   Configure the video from the computer
5)   Select the video input from the display
6)   Configure the audio from the computer
7)   Select the audio input from the display

** **Note**: Windows 10 - Drivers download automatically when the adapter is connected. The computer must then be restarted.

3.4 Configuring a display with Windows OS

Method 1: Open the DisplayLink utility from the Taskbar
notification area in Windows

COMPUTER CONFIGURATION

1) Select a Screen Resolution that is compatible with both your computer and the connected display

2) Set the connected display as the Main Monitor, an Extended Desktop, or a Mirrored Display

3) Select the Audio Setup to configure the sound from Windows

- Use the 'Fit to TV' option when connecting to an HDTV
- Click and drag on an application window to view it on the connect display in Extended Mode
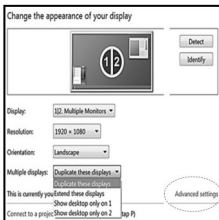
CONNECTED DISPLAY CONFIGURATION

1) Select the HDMI input on the connected display
2) Select the audio input from the display audio menu

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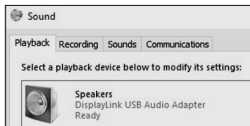
Method 2: Use the Windows Desktop

<u>Video Settings</u>

1)   Right-click on the desktop and select **Screen resolution**

2)   Select **Duplicate these displays**

3)   Click on **Advanced settings** to change the display refresh rate

<u>Sound Settings</u>

1)   Confirm the sound output from the **Control Panel** > **Sound** menu

2)   Select the connected displays from the **Playback** tab

3)   Adjust the volume from the con-nected display

NOTE: Refer to the user manual of your monitor, TV, or projector for changing the video and sound settings. Verify that audio is supported by the connected display

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3.5 Configuring a display with Mac OS

<u>Video Settings</u>

1) Open the *Apple* Menu

2) Select *System Preferences*

3) Click the *Displays* icon

4) Click the *Arrangement* tab

5) Choose to **Mirror** or **Extend** the display

<u>Sound Settings</u>

1) Open the *Apple* Menu

2) Select *System Preferences*

3) Click the *Sound* icon

4) Click the *Output* tab

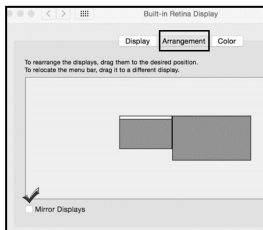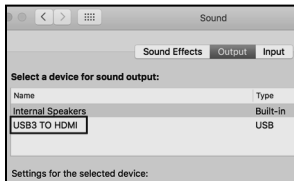5) Adjust the volume from the display menu

NOTE: Refer to the user manual of your monitor, TV, or projector for changing the video and sound settings. Verify that audio is supported by the connected display

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3.6 Troubleshooting Notes

Check out FAQ at
KB.CABLEMATTERS.COM

CABLING

- Check that all cable and adapter connections are secure
- Inspect the adapter and cable to check that no pins are damaged
- Test the HDMI cable by connecting it directly with other equipment
- Test the adapter with a different computer or port on the computer

COMPUTER SOURCE

- Check for updated OS, USB, or video graphics card drivers
- Try different video resolution settings supported by the display
- Verify that the audio from your computer is not muted or extremely low
- Reboot the computer after making multiple changes
- **NOTE:** Playback of encrypted Blu-ray disks or iTunes is not supported

CONNECTED DISPLAY

- Select the HDMI input from the connected display menu
- Select a video resolution setting supported by your computer
- Adjust the audio level from the display menu
- Consult the display manufacturer technical support for audio and video setting information

Contact **support@cablematters.com** with a description of your hardware configuration and your computer OS

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4. TECHNICAL SPECIFICATIONS

Input	USB 3.0 - Male
Output	HDMI Type-A - Female
OS Support USB Host	Windows 7, 8, 8.1, 10 Mac OS 10.8.5 and above
Chipset/Drivers	DisplayLink
Video Resolution Support	Up to 3840 x 2160 @ 30Hz
Audio Output Support	2 Channel LCPM
Operating Temperature	0 ℃ to +70℃ @ 10% to 85 % RH
Storage Temperature	-10℃ to +80℃ @ 5% to 90 % RH
Power	USB bus-powered
Housing Size (H x W x L)	3.3 x 1.7 x 0.5 Inches
Cable Tail Length	4 Inches
Weight	1.6 Ounces
Warranty	Limited One-Year
User Manual	Printed/PDF in English

Note: Specifications are subject to change without notice

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5. Warranty and Support

5.1 Customer Support and Contact Information
Cable Matters offers lifetime technical support as an integral part of our commitment to provide industry leading solutions.
Email us with any questions at **support@cablematters.com.**

5.2 Warranty Information
This product is backed by a limited one-year warranty. The warranty covers parts and labor costs only. Cable Matters does not warrant its products from defects or damages arising from misuse, abuse, or normal wear.

5.3 Limitation of Liability
In no event shall Cable Matters Inc. (including their officers, directors, employees or agents) be liable for any damages (whether direct or indirect, special, punitive, incidental, consequential, or otherwise), loss of profits, loss of business, or any pecuniary loss, arising out of, or related to the use of this product exceeding the actual price paid for the product (as allowed by state law).

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