



USB 3.0 to HDMI Adapter with Gigabit Ethernet

Model 202052



User Manual

(Available in a PDF file)

Email: support@cablematters.com

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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 Adapter with Gigabit Ethernet

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 Adapter with Gigabit Ethernet
- 1 x CD with drivers and User Manual
- 1 x User Manual

2.2 Product Description

The Cable Matters USB 3.0 to HDMI Adapter with Gigabit Ethernet is an easy way to connect a display with HDMI input plus a Gigabit Ethernet network to a computer with USB. Add a monitor to a computer without an HDMI port and connect to a secure wired network with a single adapter.

2.3 Product Features

- Adapter converts a USB port to HDMI to connect a display HDMI
- Video Resolution support up to 2048 x 1152
- Connect to a Gigabit Ethernet network
- 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 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
Ethernet Network:	LAN or router with an RJ45 port Cat 6 (recommended) patch cable

3. Connection and Operation

3.1 Installation Checklist

- **DO NOT** connect the adapter until after the drivers are installed
- An HDMI cable is required (sold separately)
- Use a high quality HDMI cable in the shortest length needed
- 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

Note: Drivers can be downloaded from cablematters.com/downloads

- 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

For questions:

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

3.3 HDMI Connection Instructions

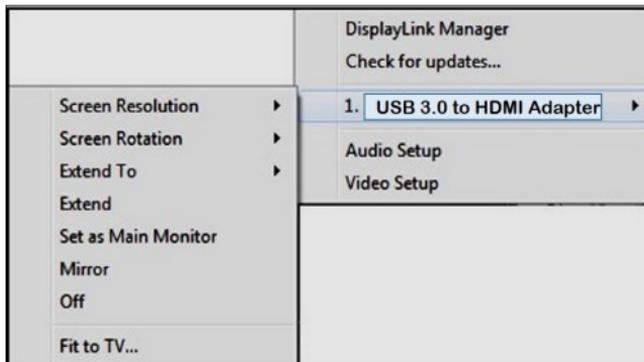
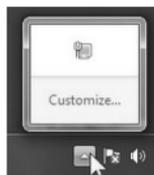
CONNECTING TO A DISPLAY WITH HDMI



- 1) Install the DisplayLink software drivers
- 2) Connect the adapter to the computer
- 3) Connect an HDMI cable to the display and the adapter
- 4) Configure the video and audio output from the computer
- 5) Select the video and audio input from the display

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 *Extended* or *Mirrored*
 - 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

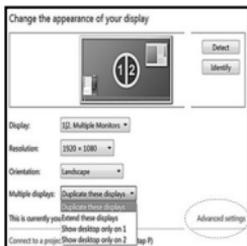
CONNECTED DISPLAY CONFIGURATION

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

METHOD 2: Use the Windows Desktop

Video Settings

- 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

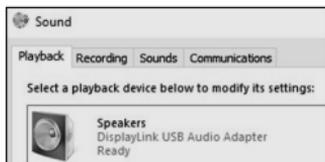


NOTE: Refer to the user manual of your monitor, TV, or projector for changing the video and audio settings.

Sound Settings

- 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 display

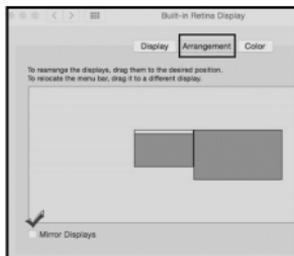
NOTE: Refer to the user manual of your monitor, TV, or projector for changing the video and sound settings. Verify that audio is supported by the display



3.5 Configuring a display with Mac OS

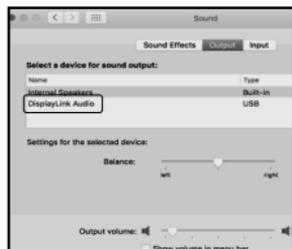
- 1) Open the **Apple Menu**
- 2) Select **System Preferences**
- 3) Click the **Displays** icon
- 4) Click the **Arrangement** tab
- 5) Choose to **Mirror** or **Extend** the display

Video Settings

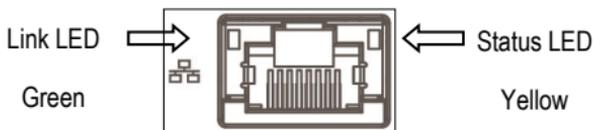


- 1) Open the **Apple Menu**
- 2) Select **System Preferences**
- 3) Click the **Sound** icon
- 4) Click the **Output** tab
- 5) Adjust the volume from the display menu

Sound Settings



3.6 Connecting to an Ethernet Network



- 1) Install the DisplayLink software drivers and plug in the adapter
- 2) Connect an RJ45 cable to the adapter and a network/router port
- 3) Link and Status LEDs should blink to indicate a connection
- 4) Check the documentation of your router to configure network access

Troubleshooting Tips

- Reboot the computer and the router/cable modem
- Check that the Link and Status LEDs are lit
- Turn off all wireless connections
- Update the USB drivers from the computer manufacturer
- Test the patch cable with a different device or try another USB port

Windows OS

Search 'Device Manager' > Click on Network adapters > DisplayLink Ethernet

Mac OS

Apple Menu > System Preferences > Network > USB 3.0 to HDMI Adapter with Gigabit Ethernet

3.6 Troubleshooting Notes

CABLING

- Check that all cable and adapter connections are secure
- 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

- Uninstall any older USB graphics software
- 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

NETWORK

- Check that both the green and yellow LEDs are lit
- Verify that the adapter is connected to a USB 3.0 port
- Check with your network provider for IP configuration information

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

4. TECHNICAL SPECIFICATIONS

Input	SuperSpeed USB 3.0 Male
Video Output	19 pin HDMI Type-A Female
Network Output:	RJ45 8P/8C 568-B Female
OS Support USB Host	Windows 7, 8, 8.1, 10 Mac OS 10.8.5 and above
Chipset/Drivers Video	DisplayLink 3700
Chipset/Drivers Ethernet	Realtek RT8211E
Video Resolution Support	Up to 2048 x 1152
Audio Output Support	2.1 Channel
Operating Temperature	0 °C to +70°C @ 10% to 85 % RH
Storage Temperature	-10°C to +80°C @ 5% to 90 % RH
Power	USB bus-powered
Housing Size (H x W x L)	2.6 x 2.6 x 0.7 Inches
Cable Tail Length	2.5 Inches
Weight	1.7 Ounces
Certifications	C E, FCC
Warranty	Limited One-Year
User Manual	Printed/PDF in English (V1 3/16)

Note: Specifications are subject to change without notice

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).

View our compatible products at www.cablematters.com



USB 3.0 Extension Cable
SKU 200008



3-Pack 4K Rated HDMI Cables
SKU 300019

www.cablematters.com