

**Club<sup>3D</sup>**

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[www.club-3d.com](http://www.club-3d.com)



**CSV-1562**

USB3.2 Gen1 Type-C

Universal Triple 4K Charging Dock

Quick Installation Guide



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# Connecting the Docking Station

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Before attempting to connect, operate or adjust this product, please save and read the User's Manual completely. The style of the product shown in this User's Manual may be different from the actual unit due to various models.

## Safety Instructions

Always read the safety instructions carefully:

- Keep this User's Manual for future reference
- Keep this equipment away from humidity
- If any of the following situation arises, get the equipment checked by a service technician:
  - The equipment has been exposed to moisture.
  - The equipment has been dropped and damaged.
  - The equipment has obvious sign of breakage.
  - The equipment has not been working well or cannot get it to work according to the User's Manual.

## Copyright

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## Trademarks

All trademarks and registered trademarks are the property of their respective owners or companies.

# Regulatory Compliance

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## **FCC Conditions**

This equipment has been tested and found to comply with Part 15 Class B of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference. (2) This device must accept any interference received and include interference that may cause undesired operation.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment

## **CE**

This equipment is in compliance with the requirements of the following regulations: EN 55032/EN 55024: CLASS B

## **WEEE Information**

For EU (European Union) member users: According to the WEEE (Waste electrical and electronic equipment) Directive, do not dispose of this product as household waste or commercial waste. Waste electrical and electronic equipment should be appropriately collected and recycled as required by practices established for your country. For information on recycling of this product, please contact your local authorities, your household waste disposal service or the shop where you purchased the product.

## Introduction

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The USB-C Triple 4K Dock is designed for extra connectivity demands. With the USB-C Docking station, you can extend the connection of a computer to more USB peripherals, Ethernet network, the speaker and the microphone via USB-C interface. Conform the USB C standard the plug is reversible.

Adopting PD Charging technology, upstream charging function through USB-C interface, you can charge the docking station. With the built-in USB3.2 ports, the docking station enables you to enjoy the super speed data transmission between USB peripherals.

In addition, the docking station is equipped with three display video outputs. With triple Ultra HD display simultaneously, the docking station allows you to split up the content to triple display devices when the system supports the function. Enhanced expansion capability, this docking station with video is the most versatile accessory that also complements your home or office space.

■ Incorporates HDMI™, technology

# Features

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- Enabling Triple 4K(2x 4K60Hz +1x 4K30Hz) display extension at a time
- Upstream port
  - USB3.2 Gen1 Type-C port x1
- Downstream port
  - USB3.2 Gen 1 Type-A ports (5V/0.9A) x4
  - USB3.2 Gen 1 Type-A port (Fast Charging) x1
  - USB3.2 Gen 1 Type-C port x1
- Support audio 2.1 channel
- Support Gigabit Ethernet
- Support DisplayPort (4096 x 2160@60Hz)
- Support 5K (connect to 2 DP displays simultaneously)
- Support HDMI (3840x2160@30Hz)
- Support PD Charging (for NB)
  - 20/15/9/5V@4.25A up to 85Watt

## Package Contents

- USB-C Triple 4K Docking Station x1
- USB-C Cable (length: 100 cm) x1
- Power Adapter (20V/6.75A) x1

## System Requirements

Supported Operating System:

- Windows®10
- Mac OS®

Warning Safe Usage:

Only to be used at altitude 2000 meters/6562 feet and below.

## Product Overview - *Front*

---



### ITEM

### DESCRIPTION

- |                             |   |
|-----------------------------|---|
| 1. Power button             | Switch to power on /off   |
| 2. Power indicator          | LED shows blue when power on  |
| 3. USB connection indicator | LED shows green when USB is connected                                   |
| 4. USB-C port               | Connect to USB-C device only  |
| 5. USB 3.2 port (Type-A)    | Connect to the USB 3.2 Gen1 device and this port supports fast charging |
| 6. Headphone jack           | Connect to a speaker or headphone                                       |
| 7. Microphone jack          | Connect to a microphone   |

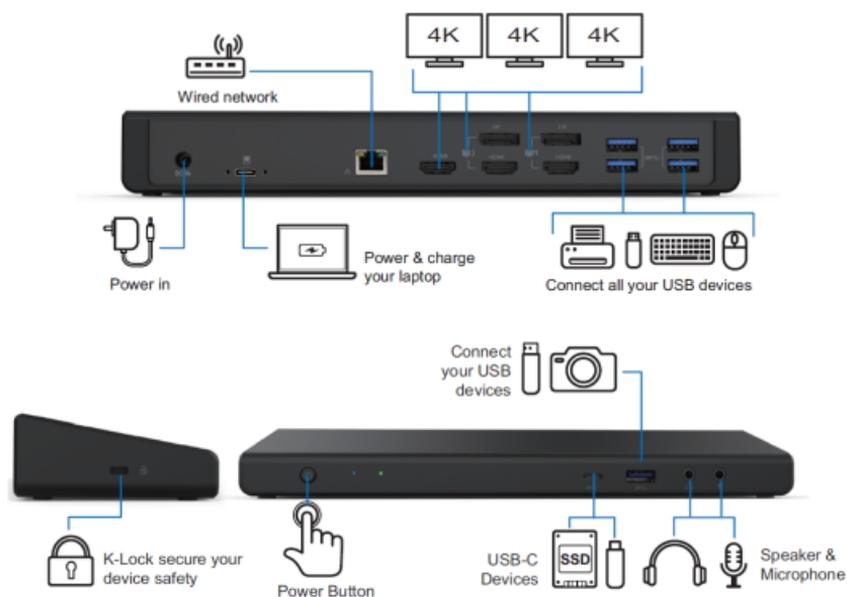
## Product Overview - Rear



| ITEM                         | DESCRIPTION                             |
|------------------------------|---|
| 8. Power jack                | Connect to power adapter                |
| 9. USB-C port                | Connect to the USB-C port of a computer |
| 10. RJ45 port                | Connect to Ethernet                     |
| 11. HDMI connector           | Connect to a HDMI monitor               |
| 12. DP connector x2          |   |
| HDMI connector x2            | Connect to DP or HDMI monitors          |
| 13. USB 3.2 port x4 (Type-A) | Connect to USB3.2 Gen1 devices          |

## Connection

To connect the USB peripherals, Ethernet, speaker and microphone, follow the illustrations below to connect the corresponding connectors.



## Verifying the installation

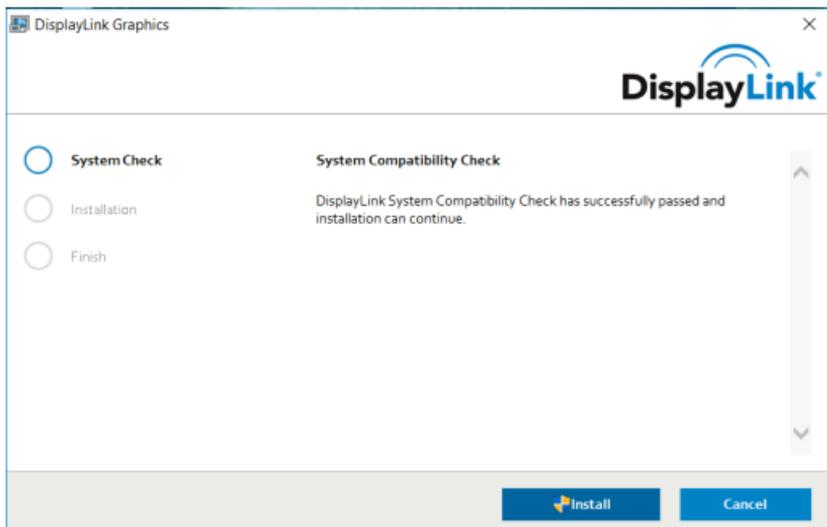
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**Note:**

1. Please note the DisplayLink driver is required for this device under Windows®.
2. The following strings and screenshots may vary slightly from each operation system, and the driver version is subject to change without notice

### Windows® 10

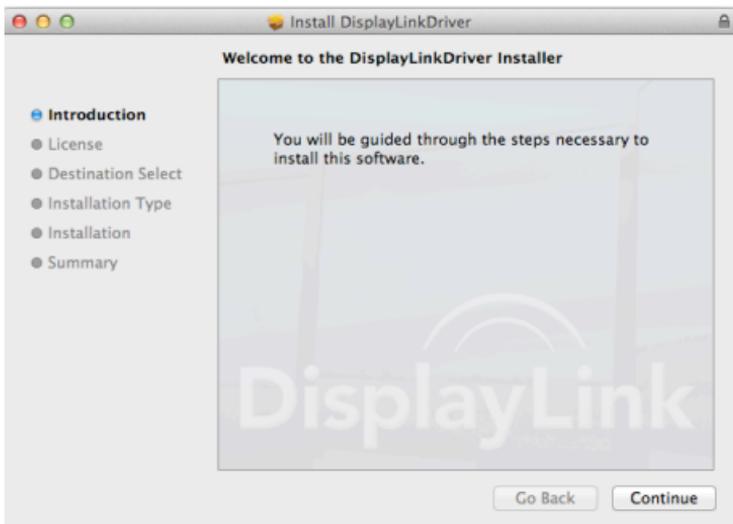
1. Click Install to execute the installation procedure.



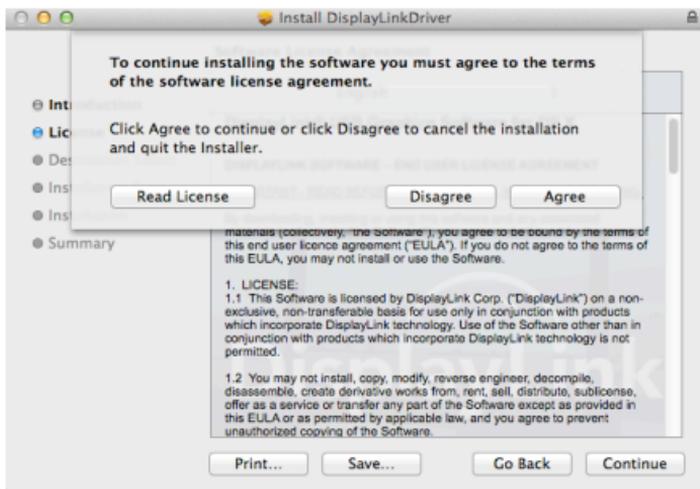
2. Be patient with the installation procedure.
3. Connect the Docking Station to a computer after the driver installation is completed. For connection details, refer to the chapter of Connection.

## Mac OS®

1. Locate and double-click the dmg file to start the installation, and click Continue.



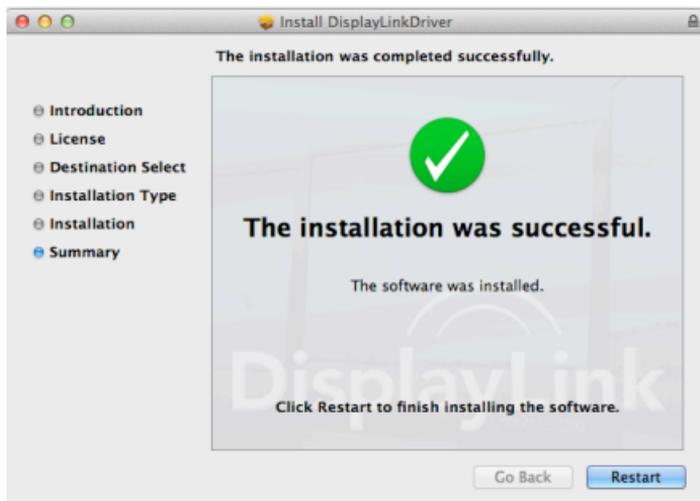
2. Click Continue > Agree.



3. Click Install > Continue Installation.



5. Click Restart to complete the installation.



6. Connect the docking station to a computer after the driver installation is completed. For connection details, refer to the chapter of Connection.

## Verifying the installation

When the installation is completed, follow the steps below to verify if the device is properly installed.

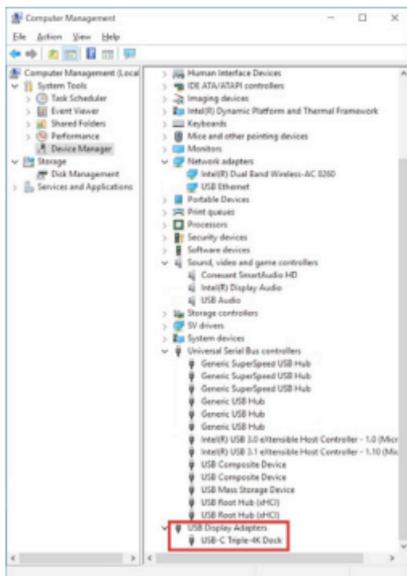
### Windows® OS

1. Access **Device Manager**

### Windows® 10

Settings > Devices > Connected Devices

2. In the Device Manager window, a device named **USB...Dock** should be listed.



### Mac OS®

1. Access the Hardware list:

Click on the **Apple** sign at the top left corner of the screen.



2. Click **About This Mac**> **More Info...**> **System Report...**



3. In the System Report window, a device named **USB...Dock** should be listed.

|   |  |             |        |            |                                |          |      |                |                 |        |                |               |             |              |                |                         |     |                        |   |                               |   |
|---|--|-------------|--------|------------|--------------------------------|----------|------|----------------|-----------------|--------|----------------|---------------|-------------|--------------|----------------|-------------------------|-----|------------------------|---|-------------------------------|---|
| <ul style="list-style-type: none"> <li>Hardware</li> <li>ATA</li> <li>Audio</li> <li>Bluetooth</li> <li>Camera</li> <li>Card Reader</li> <li>Diagnostics</li> <li>Disc Burning</li> <li>Ethernet Cards</li> <li>Fibre Channel</li> <li>FireWire</li> <li>Graphics/Displays</li> <li>Hardware RAID</li> <li>Memory</li> <li>NVMeExpress</li> <li>PCI</li> <li>Parallel SCSI</li> <li>Power</li> <li>Printers</li> <li>SAS</li> <li>SATA/SATA Express</li> <li>SPI</li> <li>Storage</li> <li>Thunderbolt</li> <li>USB</li> <li>Network</li> <li>Firewall</li> <li>Locations</li> <li>Volumes</li> <li>WWAN</li> <li>Wi-Fi</li> <li>Software</li> <li>Accessibility</li> <li>Applications</li> <li>Components</li> <li>Developer</li> <li>Disabled Software</li> <li>Extensions</li> <li>Fonts</li> <li>Frameworks</li> <li>Installations</li> <li>Logs</li> <li>Managed Client</li> <li>Preference Panes</li> <li>Printer Software</li> <li>Profiles</li> <li>Startup Items</li> <li>Sync Services</li> </ul> | <p>USB Device Tree</p> <ul style="list-style-type: none"> <li>USB 3.0 Bus             <ul style="list-style-type: none"> <li>USB2.0 Hub                     <ul style="list-style-type: none"> <li>USB2.0 Hub</li> <li>USB2.0 Hub</li> </ul> </li> <li>iBridge</li> <li>USB 3.1 Bus                     <ul style="list-style-type: none"> <li>USB3.0 Hub</li> <li>USB3.0 Hub</li> <li>USB-C Triple-4K Dock                             <ul style="list-style-type: none"> <li>USB 3.1 Bus</li> </ul> </li> </ul> </li> </ul> </li> </ul> <p><b>USB-C Triple-4K Dock:</b></p> <table border="0"> <tr> <td>Product ID:</td> <td>0x6000</td> </tr> <tr> <td>Vendor ID:</td> <td>0x17e9 (DisplayLink (UK) Ltd.)</td> </tr> <tr> <td>Version:</td> <td>0.00</td> </tr> <tr> <td>Serial Number:</td> <td>DGWC00110011009</td> </tr> <tr> <td>Speed:</td> <td>Up to 5 Gb/sec</td> </tr> <tr> <td>Manufacturer:</td> <td>DisplayLink</td> </tr> <tr> <td>Location ID:</td> <td>0x00110000 / 5</td> </tr> <tr> <td>Current Available (mA):</td> <td>900</td> </tr> <tr> <td>Current Required (mA):</td> <td>8</td> </tr> <tr> <td>Extra Operating Current (mA):</td> <td>0</td> </tr> </table> | Product ID: | 0x6000 | Vendor ID: | 0x17e9 (DisplayLink (UK) Ltd.) | Version: | 0.00 | Serial Number: | DGWC00110011009 | Speed: | Up to 5 Gb/sec | Manufacturer: | DisplayLink | Location ID: | 0x00110000 / 5 | Current Available (mA): | 900 | Current Required (mA): | 8 | Extra Operating Current (mA): | 0 |
| Product ID:   | 0x6000   |             |        |            |                                |          |      |                |                 |        |                |               |             |              |                |                         |     |                        |   |                               |   |
| Vendor ID:  | 0x17e9 (DisplayLink (UK) Ltd.)   |             |        |            |                                |          |      |                |                 |        |                |               |             |              |                |                         |     |                        |   |                               |   |
| Version:  | 0.00   |             |        |            |                                |          |      |                |                 |        |                |               |             |              |                |                         |     |                        |   |                               |   |
| Serial Number:  | DGWC00110011009  |             |        |            |                                |          |      |                |                 |        |                |               |             |              |                |                         |     |                        |   |                               |   |
| Speed:  | Up to 5 Gb/sec   |             |        |            |                                |          |      |                |                 |        |                |               |             |              |                |                         |     |                        |   |                               |   |
| Manufacturer:   | DisplayLink  |             |        |            |                                |          |      |                |                 |        |                |               |             |              |                |                         |     |                        |   |                               |   |
| Location ID:  | 0x00110000 / 5   |             |        |            |                                |          |      |                |                 |        |                |               |             |              |                |                         |     |                        |   |                               |   |
| Current Available (mA):   | 900  |             |        |            |                                |          |      |                |                 |        |                |               |             |              |                |                         |     |                        |   |                               |   |
| Current Required (mA):  | 8  |             |        |            |                                |          |      |                |                 |        |                |               |             |              |                |                         |     |                        |   |                               |   |
| Extra Operating Current (mA):   | 0  |             |        |            |                                |          |      |                |                 |        |                |               |             |              |                |                         |     |                        |   |                               |   |

**NOTE:** Concerning for Windows® OS, if there is a **?** (question) or **!** (exclamation) mark next to the item, the device is not properly installed. Please delete the item, unplug the device and repeat the installation steps.

## Display configuration

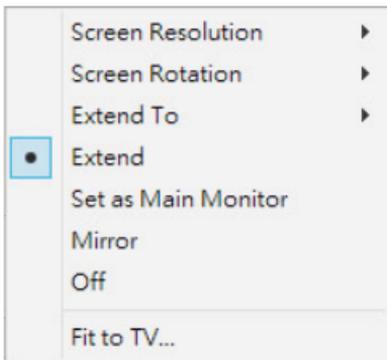
### Utility settings

The supplied utility allows configuring the display mode, screen rotation, screen resolution, and physical arrangement of your monitors.

1. Click utility icon  in **Windows System Tray**.

NOTE: If you cannot find the icon  in **Windows System Tray**, click arrow icon to bring up icon list to find it.

2. Select a preferred option, and then click it using mouse.



## Description of the settings

---

### **Options**

Displaylink manager  
Check for updates

### **Description**

Enable the Windows screen resolution page  
Check the latest driver and download if available

---

### **Display Setting Submenu**

|                      |   |
|----------------------|---|
| Screen Resolution    | Click to select an available resolution. Note that this function is invalid in mirror mode, as the resolution is defined as the resolution of the primary monitor |
| Screen Rotation      | Rotate the screen according to the desired orientation  |
| Extend               | Extend the screen according to the desired orientation  |
| Extend to            | The cursor can extend to desired screen via left/right/above/below way moving   |
| Set as Main Monitor  | Set this screen to the main screen  |
| Notebook Monitor Off | Switch the add-on monitor to the main display and turn off the screen of the laptop.  |

**NOTE:** This function works only when one add-on monitor is connected. This option will also only appear on laptop.

|                    |  |
|--------------------|--|
| Mirror             | Duplicate the primary monitor to the monitor which connects with the docking station   |
| Off                | Turn off the monitor   |
| Optimize for video | Optimize the video quality when playing back. Text may appear less clear when enabling |

## Description of the settings

---

### **Options**

Fit to TV

### **Description**

Adjust the size of Windows Desktop on the TV

**NOTE:** This function works only when one add-on monitor is connected. Besides, this option will also only work in extended mode. The add-on monitor will change to the extended mode if selecting this option while in mirror mode.

Audio Setup

Enable the Windows audio configuration page.

Video Setup

This function works only in specific models.

Enable the Windows screen resolution page.

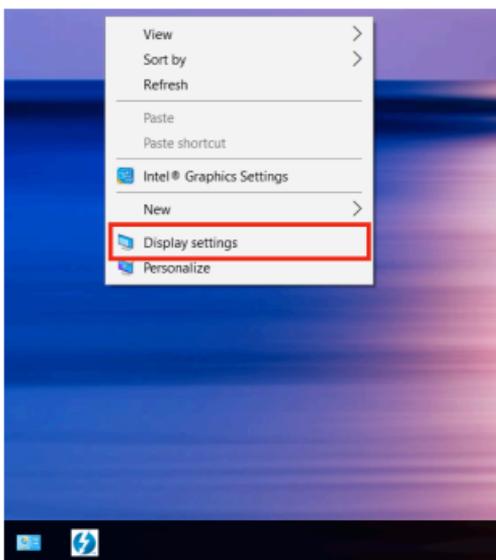
## Multi-monitor configuration

---

Extra DisplayPort and HDMI monitors can be connected through the **Docking Station** if **one monitor is already connected to the PC directly**. Once the extra monitors are connected, it can be configured to use either “mirror mode”, “extended mode” or set to be the primary display.

### Windows® 10

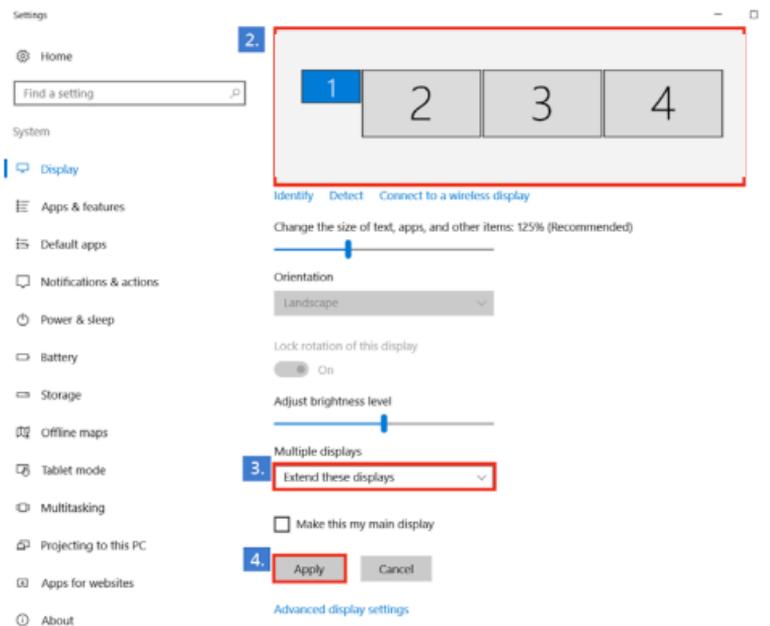
Position the mouse anywhere on the **Windows Desktop**,  
Right-click and select **Display Settings**.



Alternatively, click utility icon  in the Windows System Tray, and then select DisplayLink Manager or Video Setup.

## Extended mode

1. Refer to the Multi-monitor configuration section to open the configuration page.
2. Select the preferred monitor at the top of the page.



3. Check the **Multiple Displays > Extend these displays**.
4. Click **Apply** to confirm and close the settings screen.
5. Once the setting is completed, simply drag and drop the application icons or the opened windows to the add-on monitor. However, some applications may not support to display on the extended desktop.

## Trouble Shooting

---

### **a. Cursor disappeared**

If the status remains in the extended mode but the docking station is disconnected, the desktop will still be panned to the add-on monitor. The cursor may not be found on the primary monitor in such a case. If it happens, connect the add-on monitor through the docking station again or keep moving the mouse.

### **b. Video playback in extended mode**

If the video or DVD playback quality is poor or low performance in extended mode, please playback it on the primary monitor instead of the add-on monitor.

## Mirror mode

---

1. Refer to the Multi-monitor configuration section to open the configuration page.
2. Select the preferred monitor at the top of the page.
3. Check the Multiple Displays > Duplicate these displays.
4. Click Apply to confirm and close the settings screen.

Alternatively, click utility icon in the Windows System Tray, and then select DisplayLink Manager or Video Setup.

## Set the Primary Monitor

---

1. Refer to the **Multi- Monitor Configuration** section to bring up the configuration window.
2. Select the preferred monitor at the top of the page.
3. Check the box of **Make this my main display**.

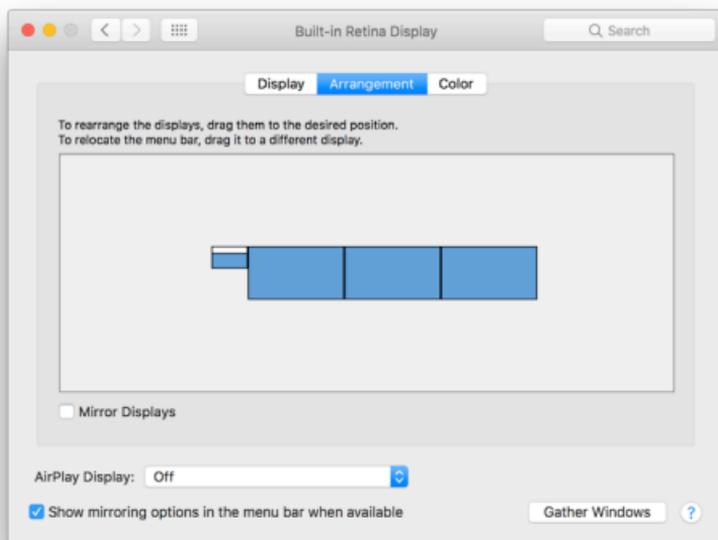
**Note:** For some computers, you may need to disable the main display by unchecking the box of **Extend the desktop onto this monitor** or **Extend my Windows desktop onto this monitor**.

4. Click **Apply** to confirm and exit.

## Mac OS

---

1. Click on the **Apple** sign at the top left corner of the screen and select **System Preferences.../ Displays**.
2. To rearrange the displays, drag them to the desired position.  
To relocate the menu bar, drag it to a different display.  
To switch to **Mirror Mode**, tick the box in front of **Mirror Displays**.

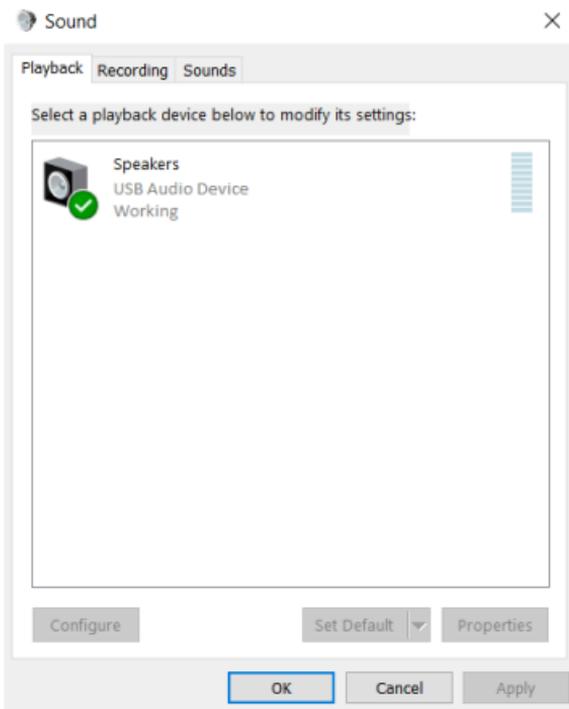


## Audio configuration

---

By default, when the docking station is connected to a computer, the audio configuration may be changed to **USB (Multimedia) Audio Device** automatically (this setting depends on models). If it does not work, follow the steps below to setup.

1. Open **Control Panel** and then select the hardware and sound icon.
2. Click **Sound > Manage audio devices** and then select **USB Audio Device** or **Displaylink Audio**



## Uninstall the driver

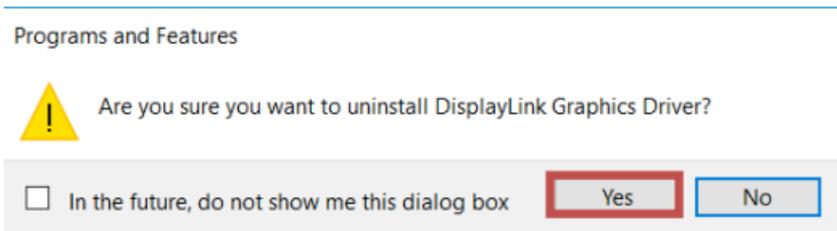
1. Follow the instructions to find the driver path, and then right-click on DisplayLink Graphics to uninstall the driver.

### 2. **Windows® 10**

Control Panel > Programs and Features > Uninstall and change the programs

| Name  | Publisher         | Installed On | Size    | Version       |
|---|-------------------|--------------|---------|---------------|
| Dell Dock Update                                | Dell Inc.         | 3/5/2017     | 1.00 MB | 1.0.115.0     |
| Dell System Detect                              | Dell              | 3/5/2017     |         | 8.3.0.8       |
| Dell Update                                     | Dell Inc.         | 3/5/2017     | 3.50 MB | 1.9.8.0       |
| Dell Update - SupportAssist Update Plugin       | Dell Inc.         | 3/5/2017     | 3.00 MB | 2.0.2.1835    |
| DisplayLink Graphics Driver                     | DisplayLink Corp. | 3/6/2017     | 8.52 MB | 8.1.848.0     |
| Intel(R) Dynamic Platform and Thermal Framework | Intel Corporation | 3/5/2017     |         | 8.2.10900.330 |
| Intel® Graphics Driver                          | Intel Corporation | 3/5/2017     | 3.77 MB | 20.19.15.4531 |

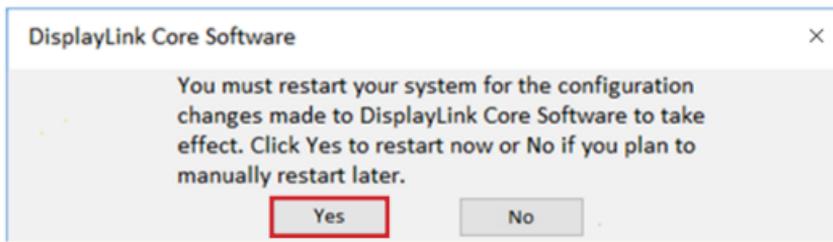
3. Click **Yes** to confirm the uninstallation.



## Uninstall the driver

---

4. Click **Yes** to restart your computer. You can also disconnect the video connection now.



## Mac OS®

Open the driver and click **DisplayLink Software Uninstaller**.



## Specification

|                            |                           |  |
|----------------------------|---------------------------|--|
| <b>Connector</b>           | Upstream<br>Video Output  | USB3.2 Gen1 Type-C female connector x1<br>DP connector x2<br>HDMI connector x3<br>Triple displays simultaneously     |
|                            | Downstream                | USB3.2 Gen 1 Type-A female connector<br>x5 (one front port supports fast<br>charging)<br>USB Type-C female connector |
| <b>Power</b>               | Power Mode                | Self-powered (Power adapter)   |
| <b>Video</b>               | Display Mode<br>Supported | Extended Desktop(Default)<br>Mirrored Desktop<br>Primary Display   |
| <b>OS Supported</b>        |                           | Windows® 10<br>Mac OS®   |
| <b>Physical Properties</b> | Housing<br>Color          | PC+ABS (Plastic)<br>Black  |
| <b>Working Environment</b> | Operation<br>Temperature  | 0°C - 40°C   |
|                            | Storage<br>Temperature    | -20°C - 70°C   |
| <b>Compliance</b>          |                           | CE, FCC  |



**CSV-1562**

USB3.2 Gen1 Type-C  
Universal Triple 4K Charging Dock

# Quick Installation Guide