

USB Type C MST Charging Dock

- ✓ Compatible with USB 3.0/2.0 specification
- ✓ Single Screen Setup:
 - HDMI™ resolution up to 3840 x 2160 @ 30Hz
 - DisplayPort™ resolution up to 3840 x 2160 @ 30Hz
- ✓ Dual Screen Setup:
 - HDMI™ resolution up to 1920 x 1200 @ 60Hz
 - DisplayPort™ resolution up to 1920 x 1200 @ 60Hz
- ✓ SST; In SST mode, the monitors connected will receive the same output (Mirror)
- ✓ MST; In MST mode the monitors can be used in Mirror mode or Extended mode and the primary display can be set.*
* Source system needs to support Multi Stream Transport (MST) mode.



FRONT SIDE

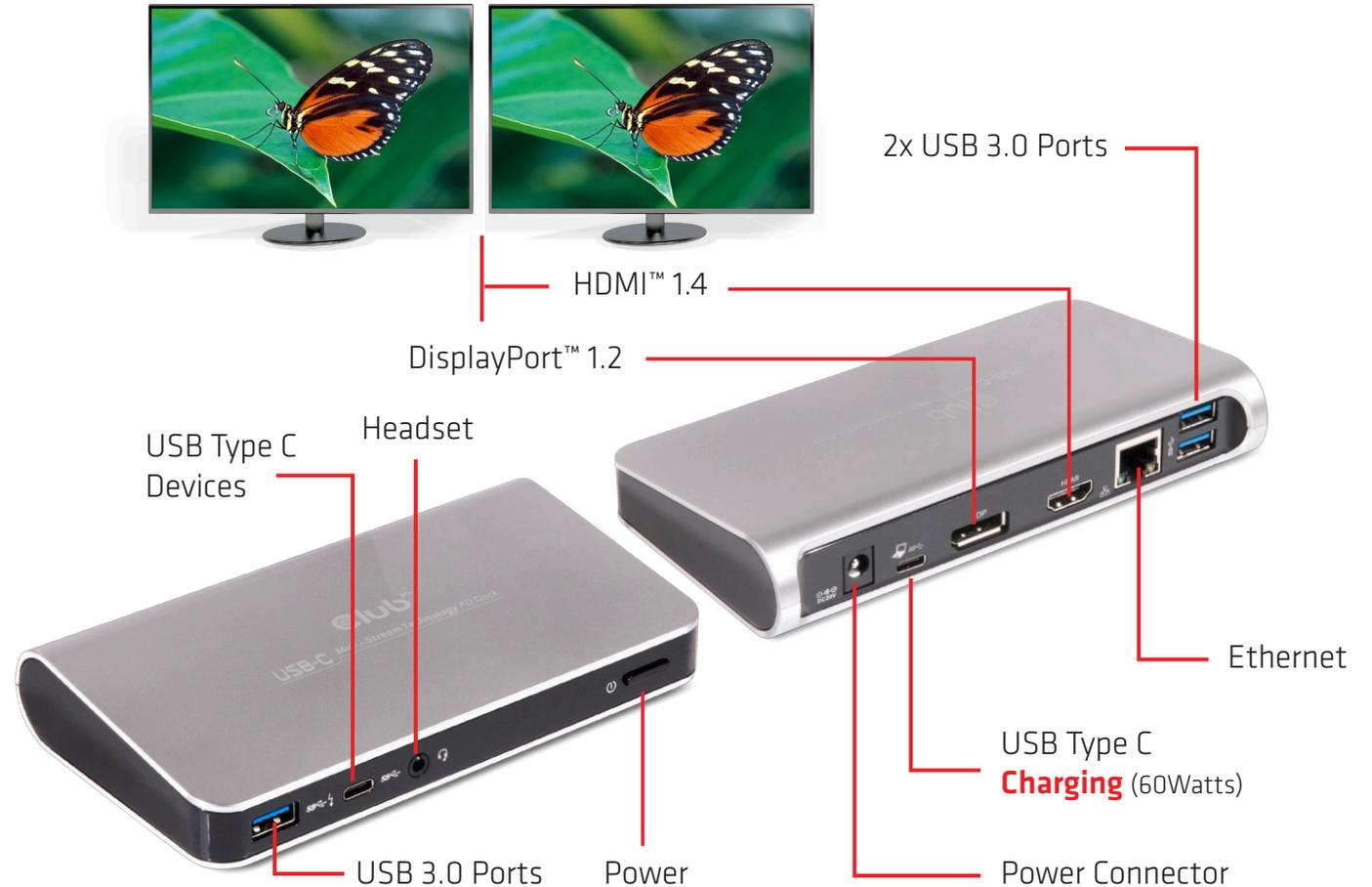


BACK SIDE

Introduction

The Universal USB Type C MST Charging Dock is designed for extra connectivity demands. With the CSV-1560, you can extend the connection of a computer to more USB peripherals, Ethernet network, speaker and the microphone via USB-C interface. Adopting PD Charging technology, upstream charging function through USB-C interface, you can charge the connected cell phone / tablet / laptop. With the built-in USB 3.0 ports, the dock enables you to enjoy the super speed data transmission between USB peripherals.

With the DP or HDMI ports, you can mirror your primary screen, or extend the content. When the system supports MST mode, you can display identical or different content on the external monitors as you wish. Enhanced expansion capability plus the stylish appearance, this dock with video is the most versatile accessory that also complements your (home)office space.



Package contents

- USB Type C MST Charging Dock
- Power Adapter
- USB-C Cable
- Quick install guide

Features

Video output; USB Type C output on source system needs to have Displayport ALT Mode support

• Single display

- DP output: Supports 4K resolution up to **3840 x 2160 @ 30Hz**
- HDMI™ output: Supports 4K resolution up to **3840 x 2160 @ 30Hz**

• Dual display

- Supports resolutions up to **1920 x 1200 @ 60Hz**
- **SST;** In SST mode, the external monitors connected will receive the same output (Mirror).
- **MST;** In MST Mode you can use Mirror mode or Extended mode and set the primary display.
- Supports audio 2.1 channel
- Supports Gigabit Ethernet 10/100/1000

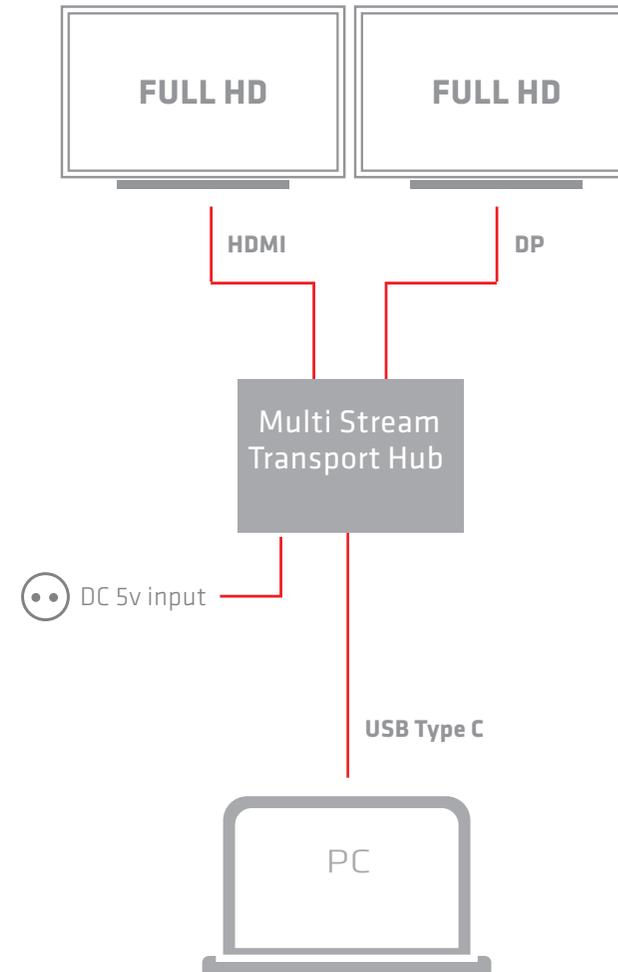
Input:

- 1x USB 3.0 Type C
Upstream PD supports up to 60W Supports VESA
USB Type C DisplayPort
Alt mode

Output:

- 3x USB 3.0 Type A Female
with 1 x BC 1.2 charging
- 1x USB 3.0 Type C Female
- 1x HDMI™ Female
- 1x DisplayPort™ Female
- 1x Gigabit Ethernet Female
- 1x Combo Audio Jack Female

Application diagram



Specification

User Interface	Upstream	USB-C female connector
	Downstream	DP female connector x1
		HDMI female connector x1
		USB 3.0 female connector x4 (3A1C), one port supports BC 1.2/CDP
		USB-C Power input port x1 (60W)
		RJ45 connector x1
Combo Audio Jack (IN/OUT) x1		
Video	Resolution	Single display, either one <ul style="list-style-type: none"> - DP: 3840x2160@30Hz - HDMI: 3840x2160@30Hz
		Dual display <ul style="list-style-type: none"> - 1920x1200@60Hz
Audio	Channel	2.1 CH
Ethernet	Type	10/100/1000 BASE-T
Power	Power Mode	Self-powered
	Power Adapter	Input: AC 100-240V Output: DC 20V/5A
Working Environment	Operation Temperature	0~40 degree
	Storage Temperature	-20~70 degree
Compliance		CE, FCC

Recommended system requirements

Windows 10, Chrome, MAC OSx *

* Functionality might be limited by OS

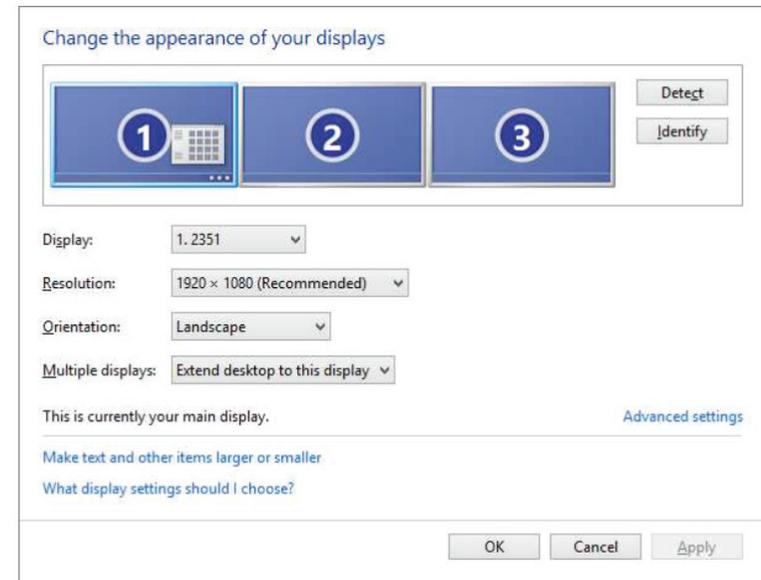
Display configuration

NOTE: The screenshots might vary slightly with the operating system.

Multi-monitor configuration

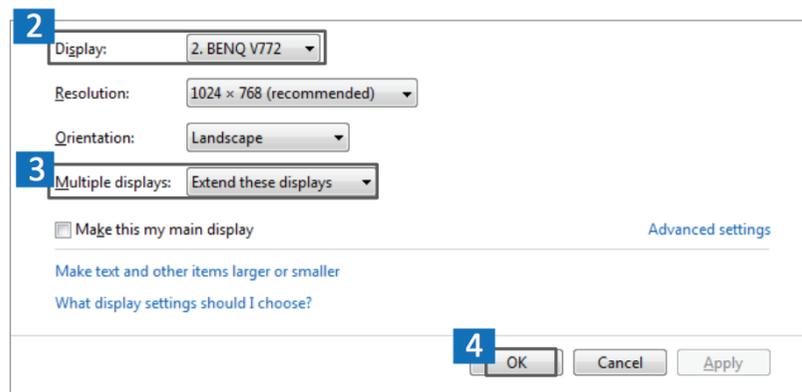
Once the extra monitors are connected, they can be configured to either Mirror mode, Extend mode or set the primary display.

Position the mouse anywhere on the Windows Desktop, Right-click and select Screen Resolution.



Extend mode

1. Refer to the Multi-monitor configuration section to bring up the configuration window.
2. In the Display drop-down menu, select the preferred monitor.
3. Select Multiple Displays > Extend these displays.
4. Click **OK** to confirm and exit.



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.

NOTE: If the system only supports SST mode, the external monitors connected will be considered to be the same output.

6. Troubleshooting

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 bring up the configuration window.
2. In the Display drop-down menu, select the preferred monitor.
3. Select Multiple Displays > Duplicate these displays.
4. Click **OK** to confirm and exit.

Set the primary monitor

1. Refer to the Multi-monitor configuration section to bring up the configuration window.
2. In the Display drop-down menu, select the preferred monitor.
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 **OK** to confirm and exit.

Support for Extended Desktop Mode



SST mode

If the system only supports SST mode, the external monitors connected will be considered to be the same output.

MST mode

When using MST mode to connect external monitors, you can use **Mirror mode**, **Extend mode** or set the primary display.

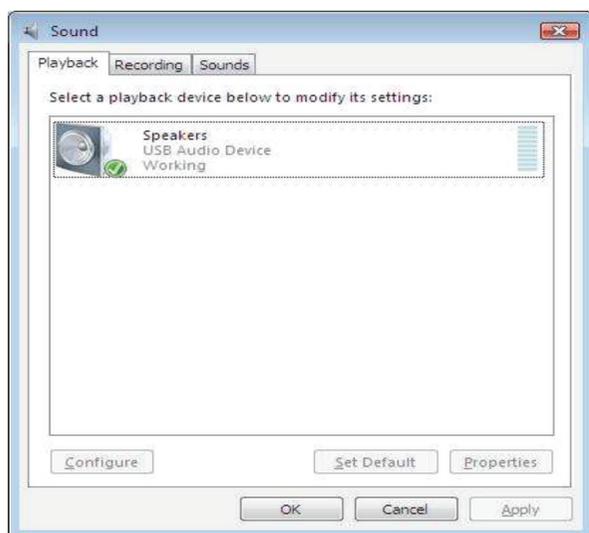
Support for Mirror Desktop Mode



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**.



Technical Support

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