

USB-C Docking Station for Laptops | Power Delivery | 4K



Actual product may vary from photos

User Manual

SKU#: MST30C2HHPD/MST30C2HHPDU

For the latest information and specifications visit
www.startech.com/MST30C2HHPD
www.startech.com/MST30C2HHPDU

Compliance Statements

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. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio/TV technician for help

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Safety Statements

Safety Measures

- Wiring terminations should not be made with the product and/or electric lines under power.
- Cables (including power and charging cables) should be placed and routed to avoid creating electric, tripping or safety hazards.

Mesures de sécurité

- Les terminaisons de câblage ne doivent pas être effectuées lorsque le produit et/ou les câbles électriques sont sous tension.
- Les câbles (y compris les câbles d'alimentation et de chargement) doivent être placés et acheminés de façon à éviter tout risque électrique, de chute ou de sécurité

安全対策

- 電源が入っている状態の製品または電線の終端処理を行わないでください。
- ケーブル(電源ケーブルと充電ケーブルを含む)は、適切な配置と引き回しを行い、電気障害やつまづきの危険性など、安全上のリスクを回避するようにしてください。

Misure di sicurezza

- I terminali dei fili elettrici non devono essere realizzate con il prodotto e/o le linee elettriche sotto tensione.
- I cavi (inclusi i cavi di alimentazione e di ricarica) devono essere posizionati e stesi in modo da evitare pericoli di inciampo, rischi di scosse elettriche o pericoli per la sicurezza.

Säkerhetsåtgärder

- Montering av kabelavslutningar får inte göras när produkten och/eller elledningarna är strömförda.
- Kablar (inklusive elkablar och laddningskablar) ska dras och placeras på så sätt att risk för snubblingsolyckor och andra olyckor kan undvikas.

Table of Contents

Compliance Statements	1
Safety Statements	2
Product Diagram	4
Front View	4
Back View	5
Product Information	6
Packaging Contents	6
Requirements	6
Installation	7
Powering the Docking Station	7
Connecting the Docking Station	8
Installing the Remaining Drivers	9
Charging a Device	9
Configuring a Display Device	10
Supported Video Resolutions	10

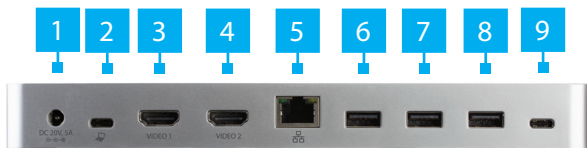
Product Diagram

Front View



1	<i>USB-A Port (Fast Charge and Sync)</i>
2	<i>3.5mm Headphone Port</i>
3	<i>Power Button</i>

Back View



1	DC Power Input Port	6	USB-A Port
2	USB-C Host Port (data, DP Alt Mode, Power Delivery)	7	USB-A Port
3	HDMI Port	8	USB-A Port
4	HDMI Port	9	USB-C Port (Data only)
5	RJ45 Port		

Product Information

- 1 x docking station
- 1 x USB-C to USB-C cable
- 2 x HDMI to DVI adapters
- 1 x universal power adapter (NA/JP, AU for MST30C2HHPD) or (UK, EU for MST30C2HHPDU)
- 1 x quick-start guide

Requirements

Requirements are subject to change. For the latest requirements, please visit www.StarTech.com/MST30C2HHPD or www.StarTech.com/MST30C2HHPDU

- Host laptop with an available USB-C™ port

Notes: *to ensure full dock functionality, the host USB-C port must support USB Power Delivery and DP Alt Mode)*

The docking station can still connect to a host laptop with a USB-C port that doesn't support Power Delivery (must still support DP Alt Mode). In this configuration, the docking station will not provide power to your host laptop.

- An AC electrical outlet
- Two HDMI® enabled display(s) with cables as needed
- A 4K-capable display is required to achieve 4K x 2K resolution (4K is also known as 4K x 2K)
- Any of the following operating systems: Windows® 10 (32-bit or 64-bit), Windows 8 / 8.1 (32-bit or 64-bit) or Windows 7 (32-bit or 64-bit)

Notes: *Not all USB-C ports support the full functionality of the USB Type-C standard. Ensure that your host USB-C port supports DP Alt Mode, as well as USB Power Delivery.*

Video output capabilities are dependent on the video card and hardware specifications of your host laptop. Certain video cards have limited video support, while some monitors will also limit the available resolution.

Installation

Powering the Docking Station

Notes: *When the docking station is plugged in and powered, you can use USB-C Power Delivery to power and charge your laptop through its USB-C port.*

The docking station cannot receive power from the host laptop, therefore the power adapter must always be connected to the docking station.

1. Select the appropriate power cord for your region and connect it to the power adapter.
2. Connect the power adapter to an AC electrical outlet and then to the docking station's DC IN (power input) port.
3. Connect the provided USB-C cable to a USB-C port on your host laptop and to the USB-C port on the dock that is labeled with a laptop icon.
4. Both the docking station and your connected laptop should now be receiving power.

Note: *In order to power and charge your connected laptop, its USB-C port must support USB Power Delivery.*

Connecting the Docking Station

1. Connect a USB-C Cable to the USB-C Port (Host) on the Docking Station and connect the other end to a USB-C port on the Host Computer.
2. Connect a USB Peripheral Device to either the USB-A Ports or USB-C Port on the back of the Docking Station. Devices may

include USB peripherals, headset, microphone, etc.

Note: *The three USB ports located at the back of the docking station (2x USB-A, 1x USB-C) are standard USB 3.0 through-put ports. When the dock is connected to a host laptop, these ports provide a trickle charge to a connected device.*

3. Connect a CAT6/5e Cable to the RJ45 Port on the Docking Station and the other end to a Network Device.
4. Connect an HDMI Cable to the HDMI Port on the Docking Station and the other end to a Display Device.
5. For a second display, connect a DisplayPort Cable to the DisplayPort Port on the Docking Station and the other end to a Display Device.

Notes: *Video output capabilities are dependent on the video card and hardware specifications of your connected host laptop.*

Installing the Drivers

The dock will automatically install the required drivers when it's connected to your laptop's USB-C port. If you receive a prompt to automatically install the driver(s), follow the on-screen instructions to complete the installation.

Charging a Device

If using the front USB-A port to charge a device, a connection to a host laptop isn't required.

- Connect a USB device to the USB-A port located on the front of the docking station.

Notes: *This front USB-A port can only fast-charge connected devices that comply with USB Battery Charging Specification Revision 1.2.*

When the docking station is connected to a host laptop, the front USB-A port functions as a Charging Downstream Port (CDP), which has simultaneous charge and sync capabilities.

Configuring a Display Device

Use your Windows operating system to adjust display settings for multiple monitors. Your laptop hardware must support dual external displays.

- You can set up dual displays by using the video output ports (2 x HDMI).

Supported Video Resolutions

The docking station supports 4K Ultra HD resolution if the connected HDMI or DisplayPort display supports it.

Number of Displays	Maximum Resolution
2	1920 x 1200p (60Hz)
1	4096 x 2160p (24Hz)
	3840 x 2160p (30Hz)

Notes: *In a multi-display configuration, set the refresh rates on each of your connected monitors to the same values, otherwise your monitors might not properly display.*

Video output capabilities are dependent on the video card and hardware specifications of your connected host laptop.

Warranty Information

This product is backed by a three-year warranty.

For further information on product warranty terms and conditions, please refer to www.startech.com/warranty.

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Share your experiences using StarTech.com products, including product applications and setup, what you love about the products, and areas for improvement.

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