

Docking Station Module BOX4MODULE | BEZ4MOD



Actual product may vary from photos

User Manual

SKU#: MOD4DOCKACPD

For the latest information and specifications visit
www.startech.com/MOD4DOCKACPD

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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

For the State of California

 **WARNING:** Cancer and Reproductive Harm
www.P65Warnings.ca.gov

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To view manuals, videos, drivers, downloads, technical drawings, and more visit www.startech.com/support

Safety Statements

Safety Measures

- Wiring terminations should not be made with the product and/or electric lines under power.
- Product installation and/or mounting should be completed by a certified professional as per the local safety and building code guidelines.
- 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.
- L'installation et/ou le montage du produit doit être réalisé par un professionnel certifié et dans le respect des normes locales et du code de construction local.
- 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。
- 製品の設置やマウントは、使用地域の安全ガイドラインおよび建築基準に従い、有資格の専門業者が行うようにしてください。
- 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.
- L'installazione e/o il montaggio dei prodotti devono essere eseguiti da un tecnico professionale certificato che conosca le linee guida locali sulle norme edilizie e sulla sicurezza.
- 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.
- Installation och/eller montering får endast göras av behöriga yrkespersoner och enligt gällande lokala förordningar för säkerhet och byggnormer.
- Kablar (inklusive elkablar och laddningskablar) ska dras och placeras på så sätt att risk för snubblingsolyckor och andra olyckor kan undvikas.

Warning Statements

Make sure to assemble this product according to the instructions. Failure to do so might result in personal injury or property damage.

Never use this product if parts are missing or damaged.

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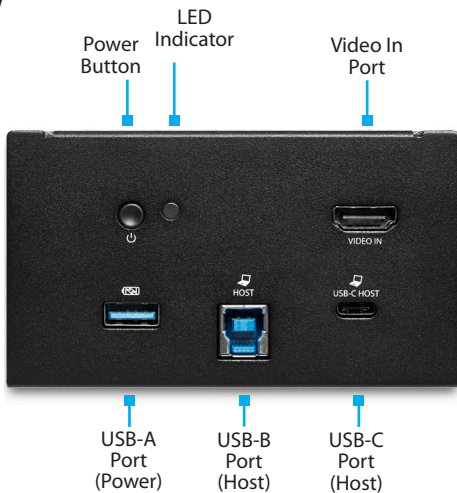
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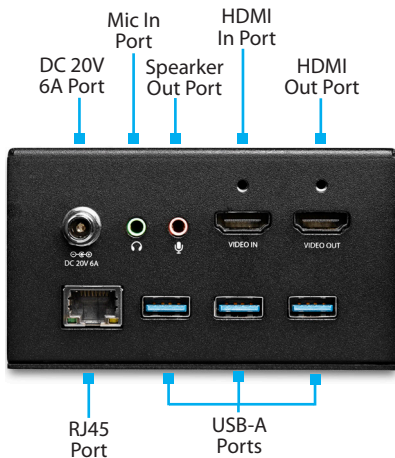
Product Diagram

Actual product may vary from photos

Top View



Bottom View



Product Information

Package Contents

- Docking Station Module x 1
- Universal Power Adapter x 1
- Power Cords (NA / UK / EU) x 3
- USB-A to USB-B Cable x 1
- USB-C Cable x 1
- Mounting Bracket x 1
- Bracket Screws (M5 x 20 mm) x 4
- Module Screws (#6-32 x 3/16) x 8
- Quick-Start Guide x 1

Requirements

For the latest requirements, please visit www.startech.com/MOD4DOCKACPD.

Installation:

- Table Surface for Installation.
- HDMI enabled Display Device w/ HDMI Cable (e.g. Television, Projector).
- Network Host Device w/ Ethernet Cable (Router/Switch).
- Phillips Head Screwdriver.
- Modular Table Box or Single-Module Table Box.

Laptop:

- A USB-C Port (to ensure full Module functionality, the host USB-C Port must support DP Alt Mode and Power Delivery).
- A USB-A Port (to ensure full Module functionality, the host USB-A Port must support USB 3.0 or USB 3.1 Gen 1).

Display:

- 4K capable display with cables is required to achieve 4096 x 2160p resolution (4K is also known as 4K x 2K).
- HDMI capable display with cables.

Note: *Video output capabilities are dependent on the video card and hardware specifications of the connected Host Computer.*

Devices:

- USB-A devices (e.g. Keyboard, Mouse, etc.).
- Microphone with a 3.5 mm audio connection.
- Speakers with a 3.5 mm audio connection.

Operating Systems:

- Windows 10, 8, and 7
- macOS 10.13, 10.12, and 10.11

Installation

Note: StarTech.com is not responsible for any damages related to the installation of this product.

See the Installation section in the **Modular Table Box** (BOX4MODULE) or **Single-Module Table Box** (BEZ4MOD) **User Manual** for instructions on how to install a module (found at www.startech.com/BEZ4MOD or www.startech.com/BOX4MODULE).

Mounting

Installation Requirements:

- Mounting Bracket x 1
- Bracket Screws (M5 x 20 mm) x 4
- Module Screws (#6-32 x 3/16) x 8
- Writing Utensil x 1
- Phillips Head Screwdriver x 1

Note: Before mounting the **Module**, consider the desired position of the ports (top and bottom) as it will affect the mounting orientation.

1. Align the **Mounting Bracket** with four of the **Mounting Holes** on the **Module**.

Note: The **Module** has four **Mounting Holes** on each side on the **Module**, which gives you two different mounting options.

2. Insert the **Bracket Screws** (x4) through the **Mounting Bracket** and into the **Mounting Holes**.
3. Tighten the **Mounting Screws** using a **Phillips Head Screwdriver**, be careful not to overtighten.
4. Before installing the **Mounting Bracket**, measure and position the **Mounting Bracket** in the desired location. The **Module** can be mounted on a vertical or horizontal surface.

Note: Depending on the surface you are using to install the product, you may need to drill pilot holes prior to installing the screws into the surface.

5. Mark the location of the **Mounting Holes** using a **Writing Utensil**. These marks can be used as a guide to indicate where the **Mounting Screws** will be installed in the surface.
6. Install the **Bracket Screws** (x4) through the **Mounting Bracket** and into the mounting surface, using a **Phillips Head Screwdriver**. Be careful not to overtighten.

Note: To prevent the **Mounting Screws** from penetrating the opposite side of the installation surface, be conscious of the size of the **Mounting Screw** compared to the depth of the surface.

Powering the Module

1. On the bottom of the **Docking Station Module**, connect the **Universal Power Adapter** to the **DC 20V 6A Port**.
2. Tighten the **Lock Screw** on the **Universal Power Adapter**, to ensure connectivity.
3. Connect the other end of the **Universal Power Adapter** into an appropriate power source.

Note: By default the **Power Button** on the **Docking Station Module** is set to On. If the **LED Indicator** on the **Docking Station Module** does not light up when connected to the **Universal Power Adapter** and power is present, press the **Power Button** to turn on the **Docking Station Module**. The **LED Indicator** will light up white.

Connecting Devices to the Bottom of the Module

Audio Options

Speaker Out:

The **Speaker Out Port** is used to connect an **Audio Device** (e.g. Speakers) to the **Docking Station Module** for use with the connected **Host Computer**.

1. Connect a **3.5 mm Audio Cable** to the **Speaker Out Port** on the bottom of the **Docking Station Module**.

2. Connect the other end of the **3.5 mm Audio Cable** to the **Audio In Port** on the **Audio Device**.

Mic In:

The **Mic In Port** is used to connect a **Microphone** to the **Docking Station Module** for use with a **Host Computer**.

1. Connect a **3.5 mm Audio Cable** in the **Mic In Port** on the bottom of the **Docking Station Module**.
2. Connect the other end of the **3.5 mm Audio Cable** to the **Connector** (e.g. XLR Connector) on the bottom of the **Microphone**.

HDMI In

The **HDMI In Port** is used to connect an **HDMI Device** (e.g. Desktop Computer, Disk Player, etc.) to the **Docking Station Module**. The **HDMI Device** connected can be used as a host or media option.

1. Connect an **HDMI Cable** (included) to the **HDMI In Port** on the bottom of the **Docking Station Module**.
2. (Optional) If using a **Locking HDMI Cable**, tighten the **Lock Screw** to ensure connectivity.
3. Connect the other end of the **HDMI Cable** to an **HDMI Out Port** on your **Host Device**.

HDMI Out

The **HDMI Out Port** is used to connect a **Video Display Device** for use with the connected **Host Computer** or to extract audio (5.1 Surround Sound) if an **AC Receiver** with speakers is connected to the **Docking Station Module**.

1. Connect an **HDMI Cable** (max 35 ft.) to the **HDMI Out Port** on the bottom of the **Docking Station Module**.
2. (Optional) If using a **Locking HDMI Cable**, tighten the **Lock Screw** to ensure connectivity.
3. Connect the other end of the **HDMI Cable** to an **HDMI In Port** on the **Video Display Device**.

RJ45 Port (Network Device)

1. Connect a **CAT5e/CAT6 Cable's RJ45 Connector** to the **RJ45 Port** on the bottom of the **Docking Station Module**.
2. Connect the other **RJ45 Connector** to an **RJ45 Port** on your compatible **Network Device**.

USB-A Port

The three **USB-A Ports** on the bottom of the **Docking Station Module** can use to connect compatible USB devices. These ports can be used to connect **Media Devices** (External Media Drive) or can be used to connect peripheral devices for use with the connected **Host Computer** (e.g. Keyboard, Mouse, Web Camera, etc.).

1. Connect a **USB-A Cable** to the **USB-A Port** on the bottom of the **Docking Station Module**.
2. Connect the other end of the **USB-A Cable** to a **USB-A Port** on your compatible device.

Connecting Devices to the Top of the Module

Connecting a Host Computer to the Module

There are two different configurations you can use when connecting a host device to the **Docking Station Module**. You can either use the **USB-C Port** or the **USB-B Port** depending on the **Host Computer's** port configuration.

Note: *When connecting a **Host Computer** it is recommended to use either the **USB-C Port** or the **USB-B Port**. The **USB-C** and **USB-B Ports** should not be used in a setup together.*

USB-C Port

The **USB-C Port** will allow the **Host Computer** to connect to any device that are connected to the **Docking Station Module** while charging the connected device.

Notes: *If the **Host Computer's USB-C Port** does not support DP Alt Mode, the **Host Computer** must be connected to the **HDMI In Port** as well as the **USB-C Port** on the top of the **Docking Station Module**, in order to use the **Docking Station Module's** video functionality.*

*If the **Host Computer's USB-C Port** supports DP Alt Mode no further connection is needed for video functionality.*

Connecting a Host Using the USB-C Port (Windows and Mac)

1. Connect a **USB-C Cable** (included) to the **USB-C Port** on the top on the **Docking Station Module**.
2. Connect the other end of the **USB-C Cable** to a **USB-C Port** on the **Host Computer**.

USB-B Port

The **USB-B Port** will allow the **Host Computer** to connect to any device that is connected to the **Docking Station Module**. The **Docking Station Module's** charging functionality (Power Delivery) is not available when connected to the **USB-B Port**.

Note: *If the port on the **Host Computer** used to connect to the **Docking Station Module** is a **USB 3.0 (3.1 Gen 1) Type-A Port**, no further connection is needed for video functionality.*

Connecting a Host Using the USB-B Port (Windows Only)

1. Connect a **USB-B Cable** (included) to the **USB-B Port** on the top of the **Docking Station Module**.
2. Connect the USB-A end of the **USB-A to USB-B Cable** to a **USB-A Port** on the **Host Computer**.

Installing the DisplayLink Driver

If using the **USB-B Port** to connect the **Host Computer** to the **Docking Station Module**, you will need to download and install the DisplayLink driver in order for the **Host Computer** to properly function.

1. Using a web browser, navigate to www.startech.com/MOD4DOCKACPD.
2. On the Product page, click the **Support** tab located in the middle of the screen.
3. In the **Drivers and Downloads** section, click on the driver link that corresponds with the operating system running on the **Host Computer** (use DisplayLink.exe for Windows).
4. Once the download is complete, extract the contents of the .zip file.
5. Click the appropriate driver for the version of operating system that you are running and follow the on-screen prompts to complete the installation.

HDMI In Port (Pass Through)

The **HDMI In Port** is used for an HDMI pass through. Using this port will allow the **Host Computer** to connect to a **Projector** or **Video Device**.

1. Connect an **HDMI Cable** (included) to the **HDMI In Port** on the top of the **Docking Station Module**.
2. Connect the other end of the **HDMI Cable** to an **HDMI Out Port** on your **Host Computer**.

Note: *The top **HDMI In Port** takes priority over the **HDMI In Port** on the bottom on the **Docking Station Module** if both ports are being used.*

USB-A Port

The **USB-A Port** can be used as a charging port (e.g. Cell Phone, Tablet, etc.) or can be used to connect a USB storage device (e.g. Flash Drive) to display data/files on the connected **Host Computer** or used with a **USB Peripheral Device** (Keyboard, Mouse, etc.).

Connecting a Device to the USB-A Port

1. Connect a **USB-A Cable** to the **USB-A Port** on the top of the **Docking Station Module**.
2. Connect the other end of the **USB-A Cable** to a **USB-A Port** on the **USB Device**.

Note: The **USB-A Port** can only fast-charge devices that comply with USB Battery Charging Specification Revision 1.2.

LED Indicators

Power

Solid LED (White)

- Indicates that the **Docking Station Module** is active (the **Universal Power Adapter** is correctly connected to an **AC Electrical Outlet**).

LED Off

- Indicates that the **Power Button** is turned off, **Universal Power Adapter** is not correctly connected to an **AC Electrical Outlet** or the **Docking Station Module** is not receiving power from the **AC Electrical Outlet**.

RJ45 Port

Amber LED

- Solid LED
 - Indicates that link speed is either 1000Mbps (1 GbE), 100Mbps, or 10Mbps
- LED Off
 - Indicates no connectivity

Green LED

- Flashing LED
 - Indicates that a link is established
- LED Off
 - Indicates that no link is established

Configuration

Configuring a Display

Video output capabilities are dependent on the video card and hardware specifications of the connected **Host Computer**.

***Note:** Navigating to the **Settings** screen will vary depending on the operating system (OS) or operating system version running on the host laptop.*

Windows:

1. Right-click on the **Desktop** and select **Screen Resolution** or **Display Settings** (depending on the OS version) from the pop-up menu.
2. Adjust the **Display Order, Screen Resolution, Orientation** and **Display Mode** as needed.

macOS:

1. Click the **Apple Menu** and select **System Preferences**.
2. Click **Displays** to open the **Display Preferences** screen.
3. On the **Display Preferences** screen, you can configure your systems display setting:

Display Preference

Orientation:

- **Landscape:** Sets the display in a horizontal orientation.
- **Portrait:** Sets the display in a vertical orientation.

Multiple Displays:

- **Extend desktop to this display:** Extends your desktop area spanning multiple displays, allowing you to move applications from one display to the other.
- **Duplicate desktop on:** Duplicates the desktop marked as the main display onto the selected display.
- **Disconnect this display:** Disconnects the selected display.

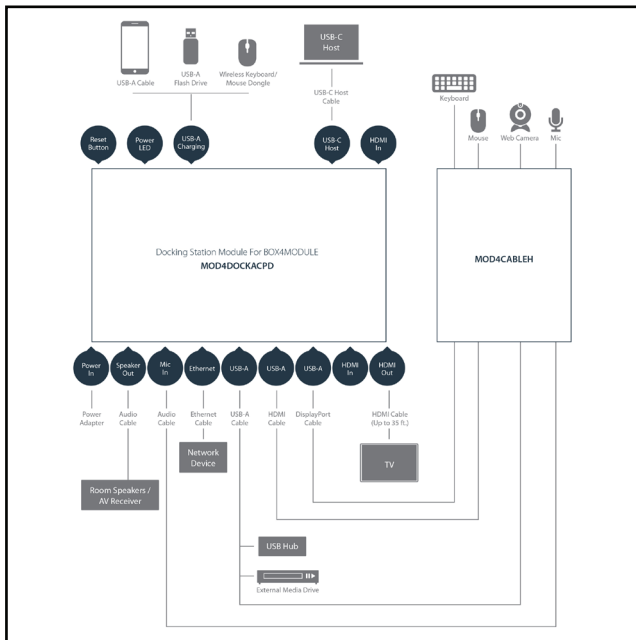
Make this My Main Display:

- Select this checkbox to mark the current display as the main or primary display. When using the other display types, the main display will either be extended (Extend desktop to this display) or Duplicated (Duplicate this display).

Resolution:

- The number of pixels rendered on the display measure as width x height (e.g. 1920 x 1080).

Connectivity Diagram



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This product is backed by a two-year warranty.

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StarTech.com Ltd.

45 Artisans Cres.
London, Ontario
N5V 5E9
Canada

FR: fr.startech.com

DE: de.startech.com

StarTech.com LLP

2500 Creekside Pkwy.
Lockbourne, Ohio
43137
U.S.A.

ES: es.startech.com

NL: nl.startech.com

StarTech.com Ltd.

Unit B, Pinnacle
15 Gowerton Rd.,
Brackmills
Northampton
NN4 7BW
United Kingdom

IT: it.startech.com

JP: jp.startech.com