

USB-C™ Multiport Adapter with SD Card Reader PD 3.0 | 4K HDMI® | GbE | 2 x USB 3.0 & 1 x USB-C



Actual product may vary from photos

User Manual

SKU#: DKT30CSDHPD3

For the latest information and specifications visit
www.startech.com/DKT30CSDHPD3

Manual Revision: 05/31/2018

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.
- 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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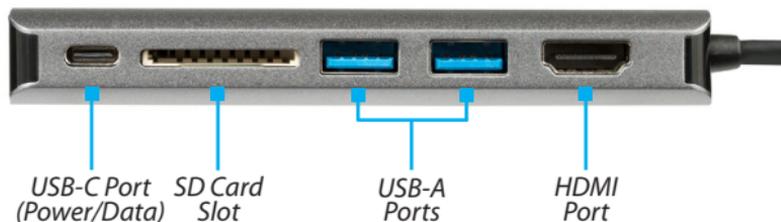
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Product Diagram

Actual product may vary from photos

Top View



Side View



Product Information

Package Contents

- Multiport Adapter x 1
- User Manual x 1

Requirements

For the latest requirements, please visit www.startech.com/DKT30CSDHPD3.

Host Computer:

- An available USB-C port (to ensure full adapter functionality, the Host Computer USB-C port must support USB Power Delivery 3.0 and DP Alt Mode). USB Power Delivery 2.0 is also supported on this adapter, see limitations in [Powering the Multiport Adapter](#) section.
- (Optional) Video Card with DisplayPort 1.2 (required when using a 4K display)

Display:

Display requirements are optional and will depend on the port configuration of the connected Host Computer.

- 4K capable display
- HDMI capable display

Cables:

Cable requirements are optional and will depend on the port configuration of the connected Host Computer.

- USB-A Cable
- USB-C Cable
- HDMI Cable
- CAT5e/CAT6 Cable

Operating Systems:

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

Powering the Multiport Adapter

USB Power Delivery 3.0

Fast Role Swap:

A Fast Role Swap function is available when using Power Delivery 3.0. This function prevents USB data disruption when switching power sources (bus power to USB-C power adapter or USB-C power adapter to bus power). For this function to work, the Host Computer must also support Power Delivery 3.0.

Bus Power:

The Multiport Adapter is powered by the Host Computer's USB-C port and does not require a separate power adapter.

1. Connect the USB-C Host Connector on the Multiport Adapter to a USB-C port on the Host Computer.
2. Depending on the Host Computer's operating system, the Multiport Adapter will automatically detect and install the required driver.

USB Power Delivery 2.0

If the Host Computer's USB-C Port only supports USB Power Delivery 2.0, it will still support Power Delivery pass-through, but it will not support Fast Role Swap.

If your Host Computer's USB-C port does not support Power Delivery, then it will not support Power Delivery pass-through.

Connecting the USB-C Power Adapter

The Multiport Adapter is powered using the Host Computer's USB-C power adapter.

The Multiport Adapter requires 12 W of Power Delivery to power the adapter and its connected devices.

1. Connect the Multiport Adapter's USB-C Connector to a USB-C port on the Host Computer.
2. Connect the USB-C connector on the Host Computer's power adapter to the USB-C port on the Multiport Adapter.

3. The power adapter will power the Multiport Adapter and pass power through to the Host Computer.
4. Depending on the Host Computer's operating system, the Multiport Adapter will automatically detect and install the required driver.

Disconnecting the USB-C Power Adapter

Warning (if the Host only supports Power Delivery 2.0): Before disconnecting a USB-C power adapter from the Multiport Adapter, ensure all data transfers are complete. If you disconnect the power adapter while transferring files to or from an attached storage device, the transfer will stop. This may corrupt any files that you were attempting to transfer.

1. Complete all data transfers.
2. Disconnect the Multiport Adapter's USB-C Connector from the Host Computer.
3. Disconnect the USB-C Power Adapter from the Multiport Adapter.
4. Disconnect the HDMI device from the HDMI Port.
5. Eject the SD or Micro SD card(s).
6. Disconnect any USB peripherals.

Connecting the Multiport Adapter

USB-A Ports

The USB-A Ports can be used as charging ports (e.g. cell phone, laptop, tablet, etc.), or to connect a USB storage device (e.g. Flash Drive) or other USB peripheral device (e.g. Keyboard, Mouse, etc.).

1. Connect a USB-A Cable to a USB-A Port on the Multiport Adapter.
2. Connect the other end of the USB-A cable to a USB-A Port on your USB device.

Note: The USB-A Port on the Multiport Adapter can fast-charge devices that comply with USB Battery Charging Specification Revision 1.2.

HDMI Port

The HDMI Port is used to connect a Video Display Device to the connected Host Computer.

1. Connect an HDMI Cable to the HDMI Port on the Multiport Adapter.
2. Connect the other end of the HDMI Cable to an HDMI In port on a Video Display Device.

RJ45 Port

1. Connect a CAT5e/CAT6 cable to the RJ45 port on the Multiport Adapter.
2. Connect the CAT5e/CAT6 cable's other RJ45 connector to an RJ45 port on a compatible Network Device.

USB-A Port

The two USB-A ports on the Multiport Adapter can be used to connect compatible USB devices such as Media devices (e.g. External Media Drive) or devices for use with the connected Host Computer (e.g. Keyboard, Mouse, etc.).

1. Connect a USB-A cable to the USB-A port on the Multiport Adapter.
2. Connect the other end of the USB-A cable into a USB-A port on your compatible device.

Inserting an SD Card

1. Insert an SD Card label side up into the SD Card Slot on the Multiport Adapter.

Note: *The Host Computer's Operating System (OS) will automatically detect the SD Card and install the required driver software.*

2. Using the Host Computer's OS, navigate to the SD Card's location (e.g. root directory).
3. Access the data on the SD Card inserted in step 1.

Removing an SD Card

Warning: Removal of the SD or Micro SD Card before it is safe could result in the loss or corruption of data on the SD Card.

Windows

1. Click on the **Up** arrow on the right side of the **Taskbar**.
2. The **System Tray** will pop up revealing a set of icons.
3. Click on the **Safely Remove Hardware** icon.
4. The **Safely Remove Hardware** screen will appear.
5. Select the SD Card you wish to remove.
6. A message will appear telling you when it is safe to remove the **SD Card** from the SD Card Reader.
7. Pull the SD Card out of the SD Card Slot on the Multiport Adapter.

macOS

1. Close any open screens associated with the SD Card.
2. On the **Desktop**, click and drag the **USB Storage** icon to the **Trash Can** icon. The **Trash Can** icon will turn into an **Eject** icon indicating that it is safe to remove the SD Card from the Multiport Adapter.

Keyboard Shortcut (Optional)

1. Select the **USB Storage** icon.
2. Press **Command + E**. The SD Card can now be safely removed from the Multiport Adapter.

LED Indicators

RJ45 Port

Green LED

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

Amber LED

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

Additional Information

Installing the Driver

If the required driver does not automatically install after connecting the Multiport Adapter to the Host Computer, complete the driver installation manually:

1. Connect the Multiport Adapter to the Host Computer (see [Connecting the Multiport Adapter](#)), the **Found New Hardware** pop-up will appear.
2. On the **Found New Hardware** pop-up, click the **Cancel** button.
3. Using a web browser, navigate to www.startech.com/DKT30CSDHDP3.
4. On the **Product** screen, click the Support tab located in the middle of the screen.
5. In the **Drivers and Downloads** section, click on the driver link that corresponds with the operating system running on the Host Computer.
6. Once the download is complete, extract the contents of the .Zip file.

7. Click the appropriate driver for the version of operating system that you are running and follow the on-screen prompts to complete the installation.

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 version of your OS) 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 Preference** screen.
3. On the **Display Preference** screen, you can configure your system's display settings:

Display Preferences/Settings

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 on 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).

Troubleshooting

Reactivating an SD Card Autoplay/Autorun Function

Depending on the Host Computer's OS, the SD Card Configuration screen may appear, giving you several configuration options. If you select the **Take No Action** option, you will deactivate the **Autoplay/Autorun** function. To revert back to the original settings:

1. Navigate to the Host Computer's root directory (e.g. **My Computer** or **Computer** in Windows).
2. In the root directory, locate the SD Card (may be listed by the manufacturer's name) on the left-hand side of the screen.
3. Right-click on the SD Card.
4. Select **Open Autoplay** or **Autorun** (depending on the Host Computer's OS) from the drop-down menu. Selecting **Autoplay** or **Autorun** will reactivate the SD Card's **Autoplay/Autorun** functionality.
5. The **SD Card Configuration** screen will appear, enabling you to select an alternative configuration option.

Technical Support

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For the latest drivers/software, please visit www.startech.com/downloads

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