Manuals+ — User Manuals Simplified.

Humanscale GT-NPD-AI-4883-001-R01 M Connect 2 USB-C and Monitor Docking Station Instruction Manual

M/Connect™ 2
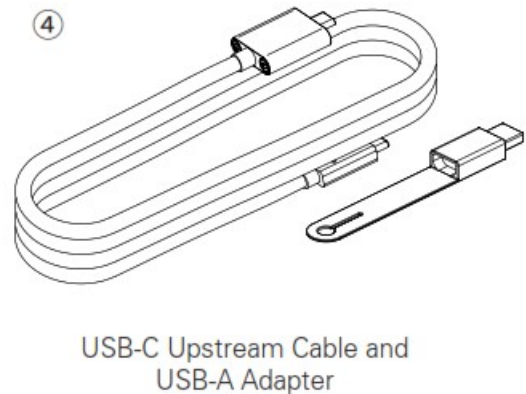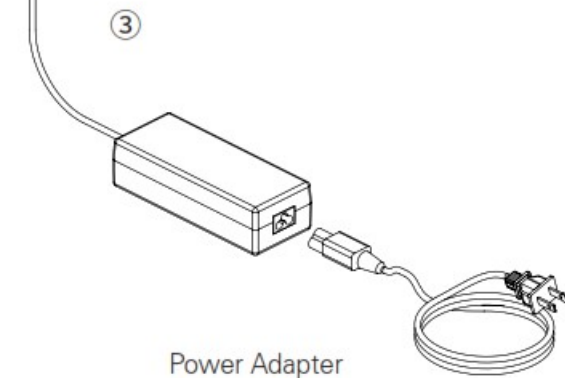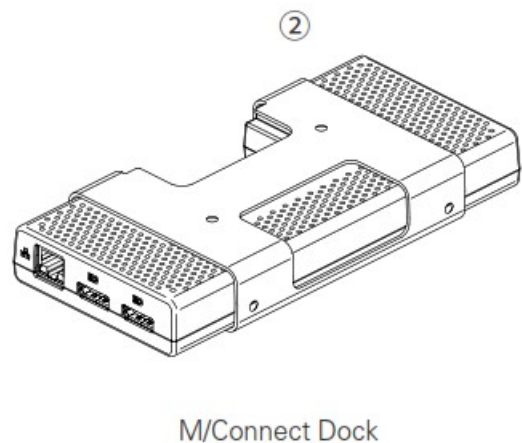**Assembly Instructions**
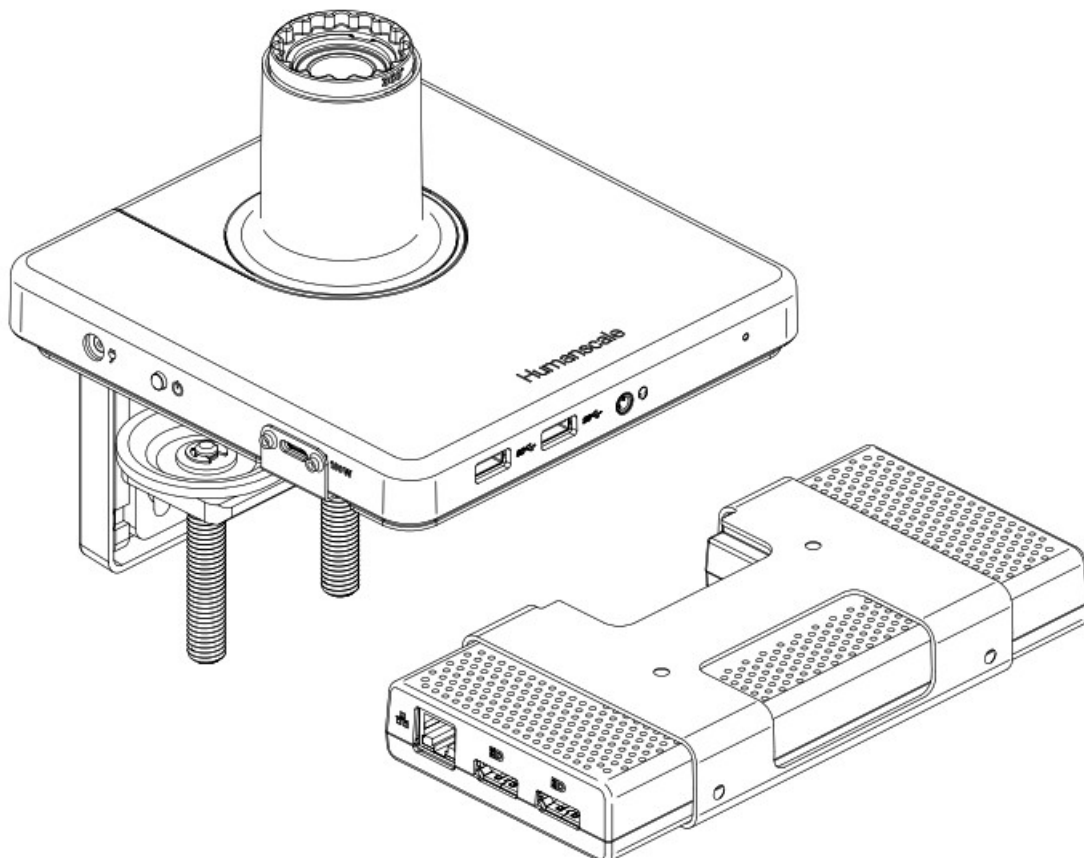
North America: +1 800 400 0625
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Contents

Parts Included

① M/Connect Hub

② M/Connect Dock

③ Power Adapter

④ USB-C Upstream Cable and USB-A Adapter

Installation Guidelines

This product is intended to be used with Humanscale's Monitor Arm product line and the following office desk styles placed on a non-skid surface:

1. Systems Furniture with panel hung surfaces

2. Systems Furniture with a floor mounted panel behind the desk

3. Systems Furniture with a desk mounted panel in the rear of the desk

4. Back-to-back desks sharing the same frame

When mounting monitor arm and monitor(s) with this product on a freestanding desk/table:

1. The freestanding desk/table should have a base that is no less than 30" deep and 66.5" wide

2. The freestanding desk/table should be a minimum of 200 lbs and placed on a non-skid surface.

3. The tabletop thickness should be no less than 1.2 inches and strong enough to support a minimum weight load of 165lb.

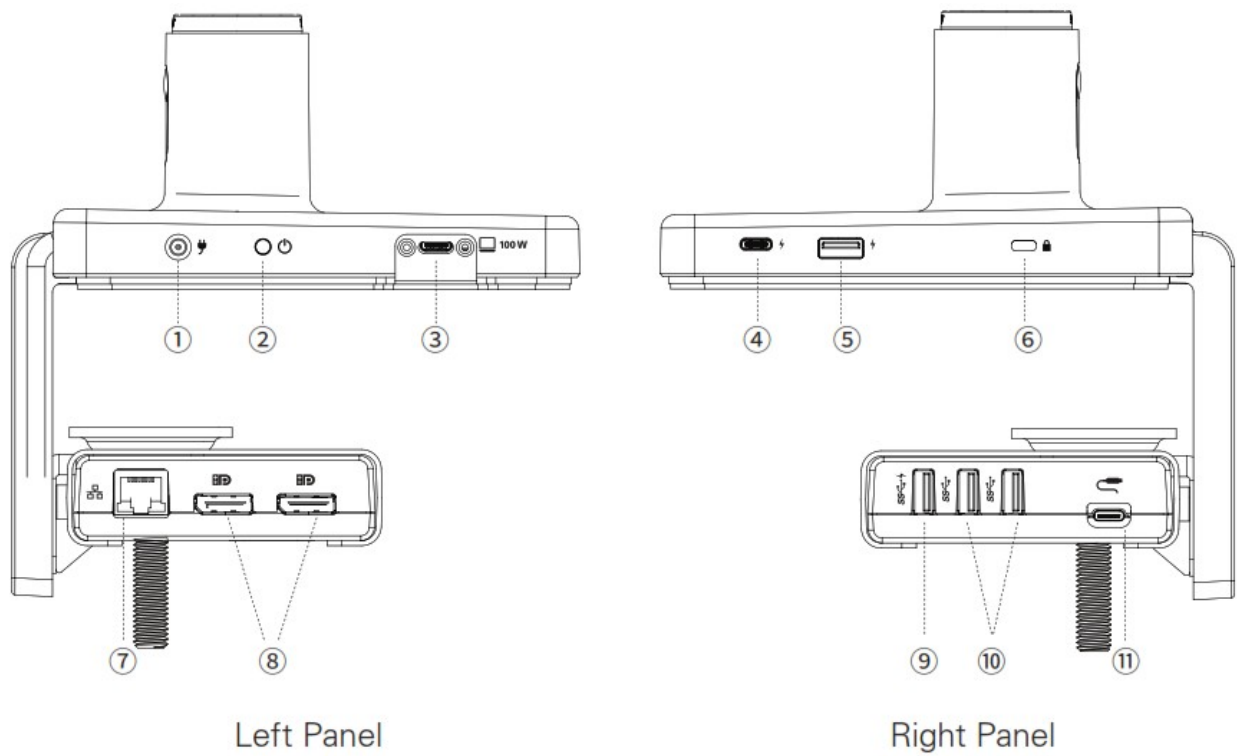⚠ **CAUTION:** DO NOT ROTATE MONITOR PAST REAR EDGE OF DESK. DOING SO CAN CREATE AN UNSTABLE SITUATION AND MAY CAUSE EQUIPMENT DAMAGE OR PERSONAL INJURY.

Identifying Ports
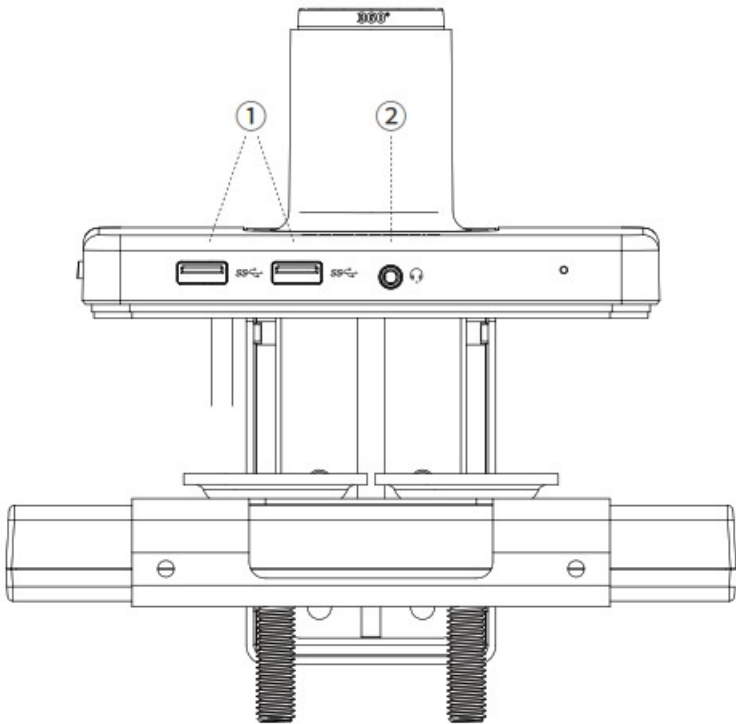
Front Panel

	Component	Description
①	USB A port	Supports USB 3.1 Gen 1
	USB A port	Supports USB 3.1 Gen 1
②	3.5 mm TRRS jack	To connect combined headphone and microphone headset

Left Panel

Right Panel

|	Component	Description
①	DC in	DC to M/Connect
②	Power Button	Powers unit on and off
③	USB-C Upstream Port (100W)	Connects full featured USB-C cable to laptop, Supports PD charging at 100W max. Important: only use USB-C cable provided with unit, other cables may void product warranty
④	USB-C Charging Port	USB-C Charging Port
⑤	USB-A Charging Port	Charges USB-A devices 5V, 2.4A max
⑥	Kensington Slot	To secure unit from theft
⑦	Ethernet	To connect network to M/Connect
⑧	DisplayPort (2)	Connects to DisplayPort on monitor
⑨	USB-A Port	USB 3.1 Gen1, Supports charging 5V, 2.4A
⑩	USB-A Port (2)	USB 3.1 Gen1
	USB-C Bridge Port	Connects cable supplied from the top hub; flat cable plug face has to face upward when plugging

Assembly Instructions

Installing M/Connect Onto Edge of Table
Clamp Mount
A – For installation on open edge of work surface:

1. Slide Mount against work surface edge. ①
2. Fully tighten Clamp screws(A) with 4mm hex key (B). ②
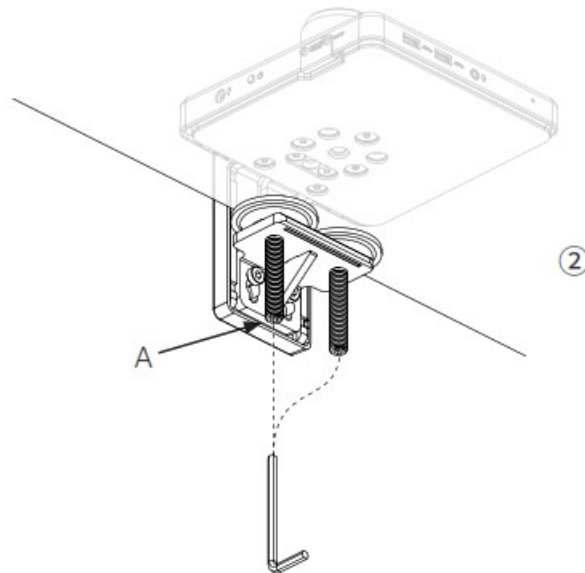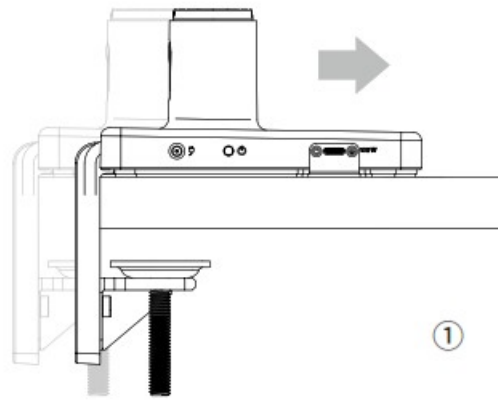
B – For installation on work surface positioned against a wall or through a grommet hole:
NOTE: Grommet holes must be at least 3" wide

1. Remove the two screws using hex key and detach the clamp foot bracket from the L bracket. ①
2. Place the L bracket through the desk gap or the grommet hole and slide it towards the front as far as possible. ②
3. Underneath the work surface, reattach the clamp foot bracket to the L bracket using the screws from step 1.③
4. Fully tighten the clamp feet against the work surface.
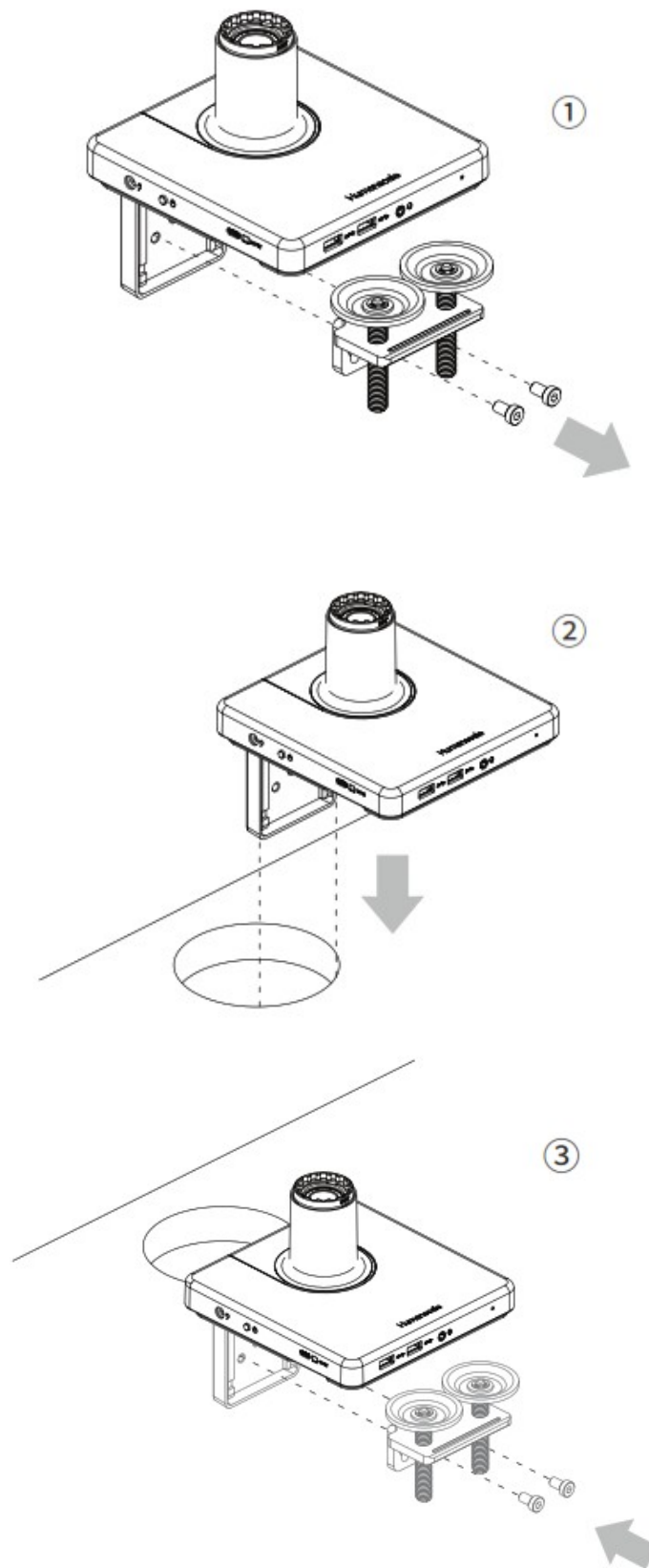
Sliding Desk Mount

1. Slide unit with loosely mounted bracket against work surface edge. ①
2. Tighten both set screws(B) evenly into bracket to a snug fit. ②
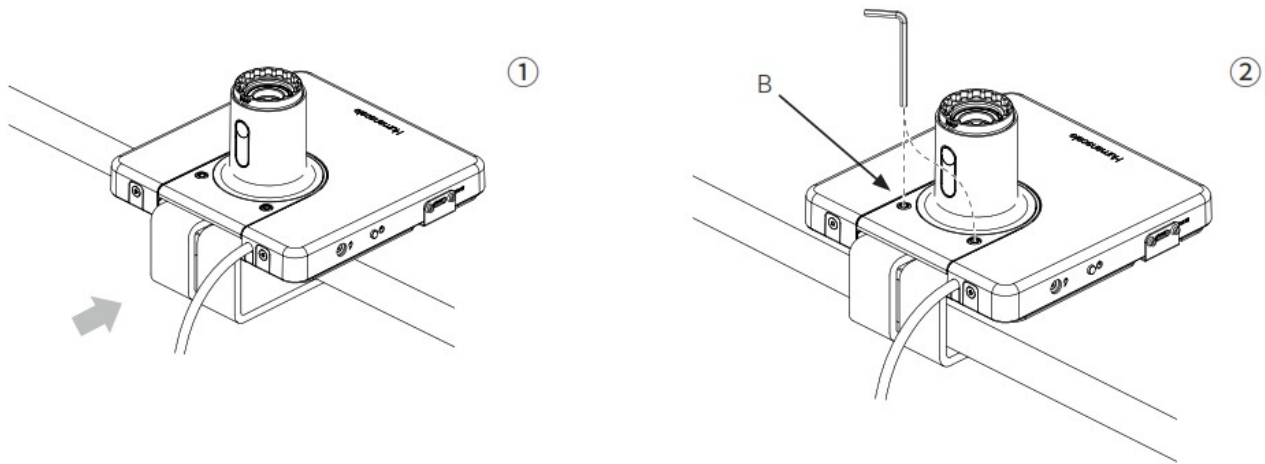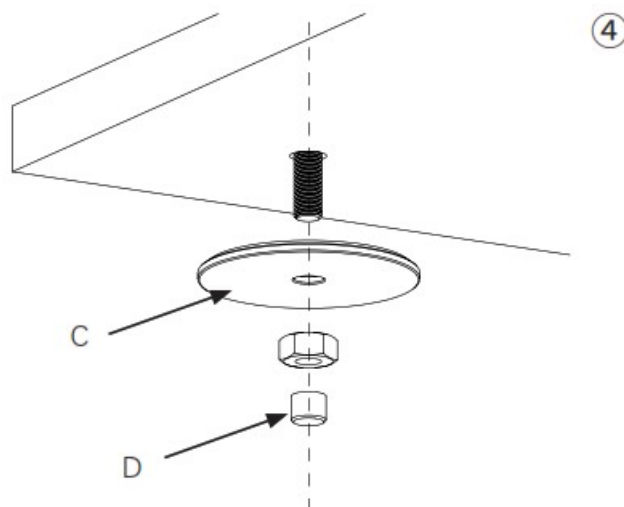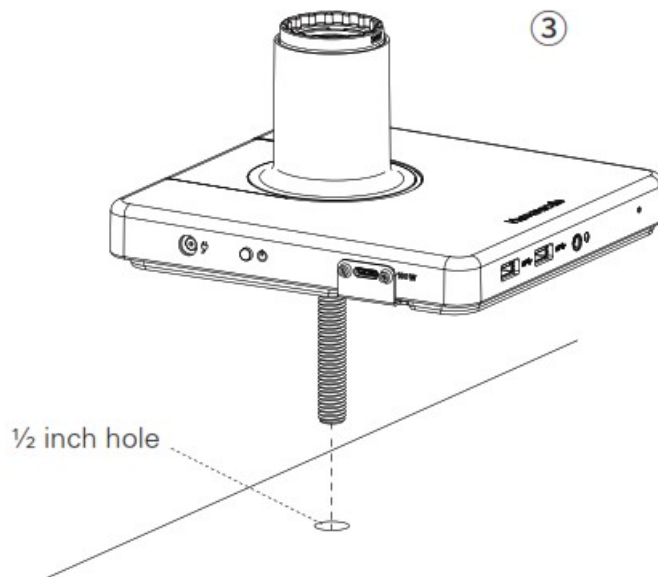
Bolt-Through Mount

1. Drill 1/2" hole in desired location
   NOTE: To ensure M/Connect makes full contact with desk, locate hole at least 2" away from back edge of desk.
2. Lower M/Connect onto desk aligning bolt with hole. ③
3. Slide the Bolt-Through Plate (C) over the bolt and tighten the nut ④
4. Place the protective cap (D) overthe bottom of the bolt. ④

③

½ inch hole

④

C

D

Attaching and Removing Dock

1. To attach dock, slide onto the clamp bracket (E) until it snaps into place. ①
2. To remove dock, pull away from the clamp while applying a slight downwards force. ②

①

②

E
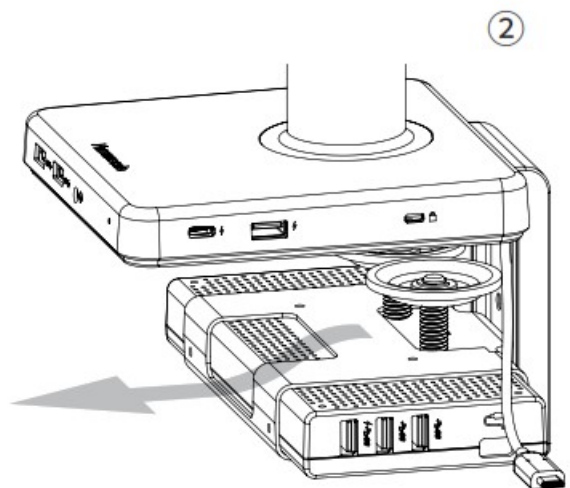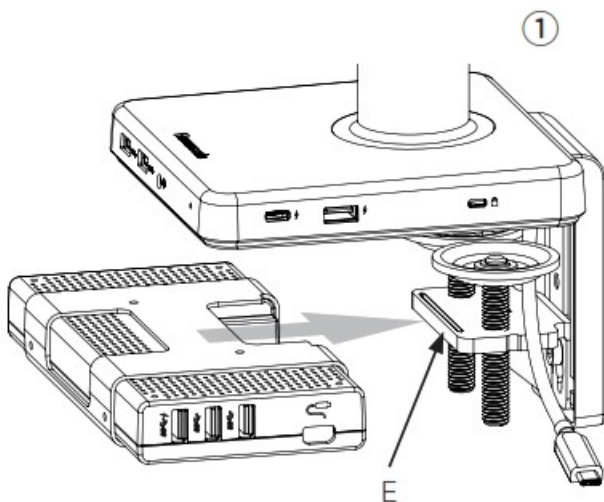
Mounting the M/Connect Dock
Horizontal Alignment

1. Screw dock bracket (F) beneath work surface and slide dock in. ③
2. Install locking screw (G) through bracket into dock to fully secure. ④

F

③

④

G
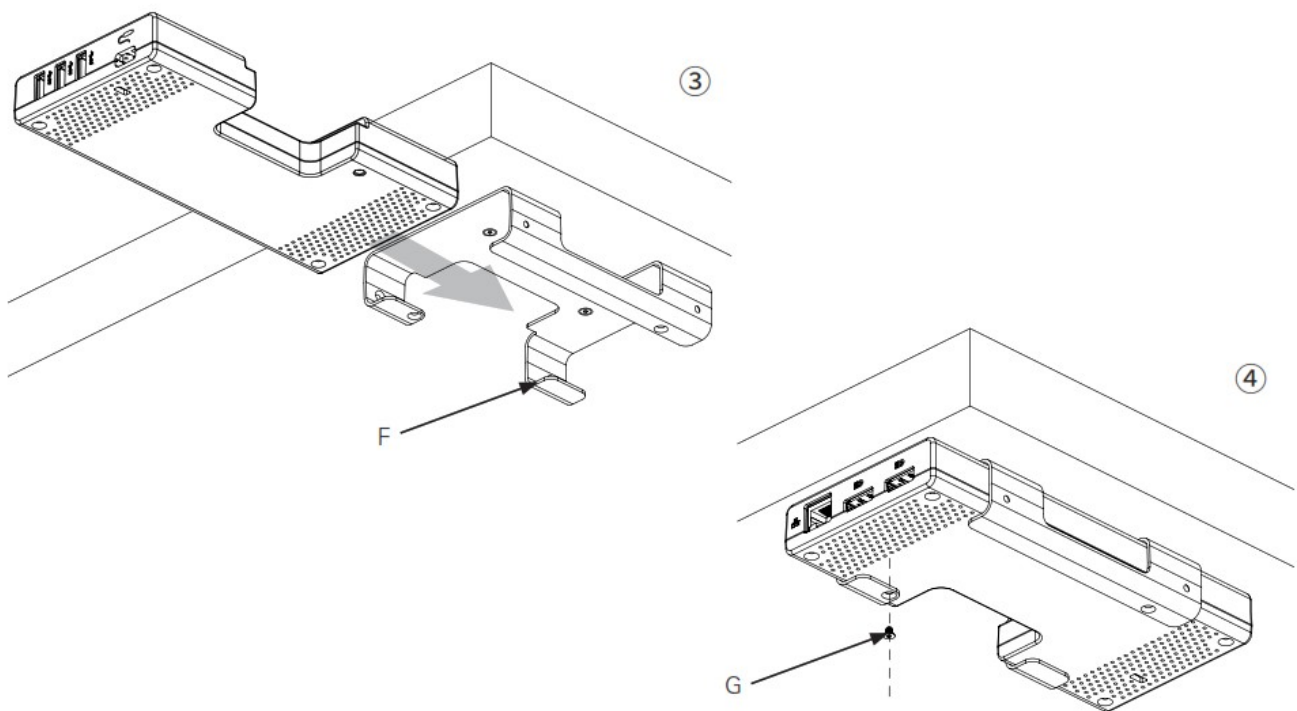
Vertical Alignment

1. Screw dock bracket beneath work surface and slide dock in. ①
2. Install locking screw (H) through bracket into dock to fully secure. ②

①

②

H
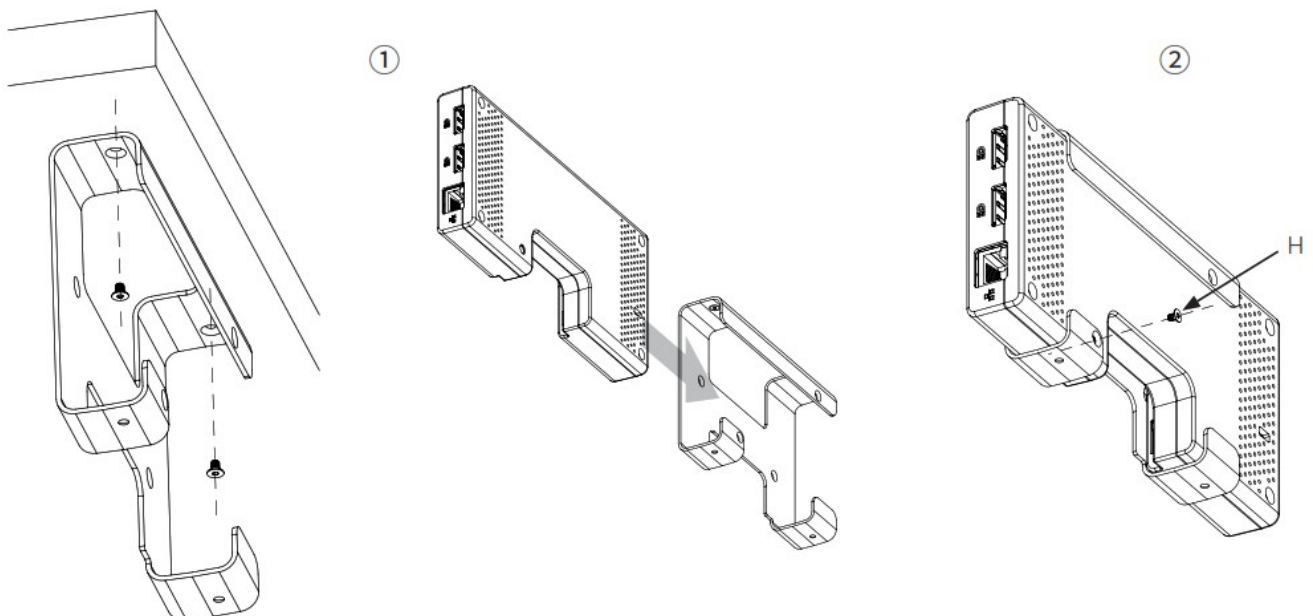
Securing the M/Connect Dock

A – Lock into Dock
1 Use Kensington Lock opening to attach lock. ③

B – Lock Cable Pass-Through
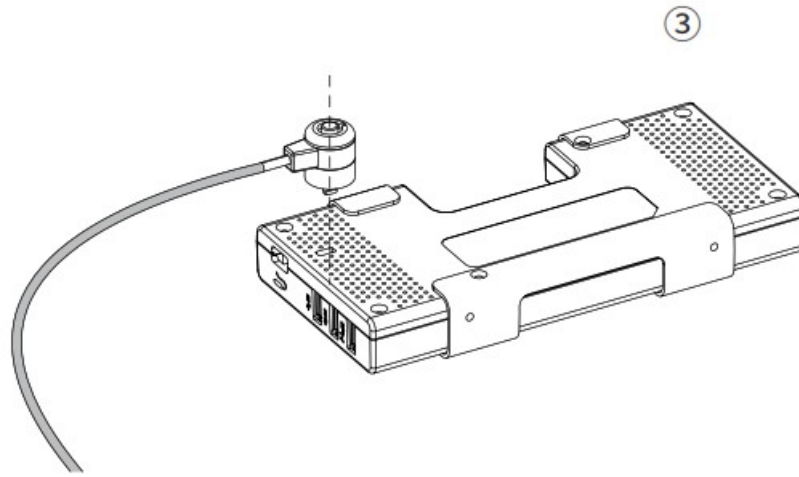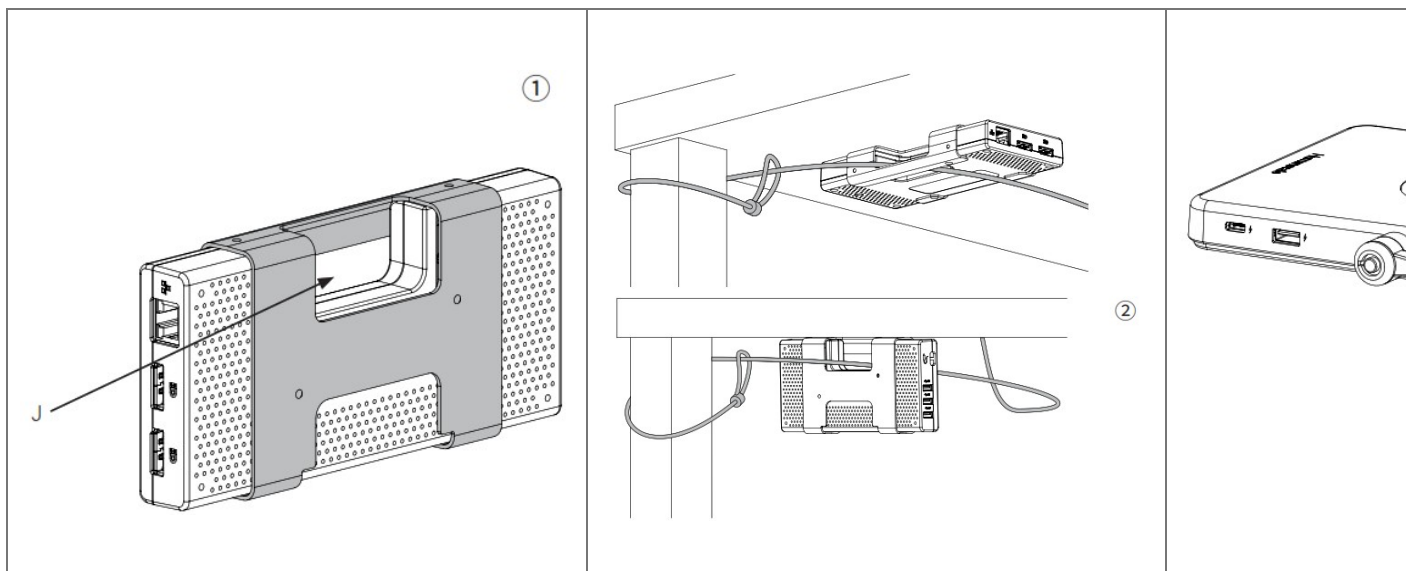
1. Orient dock inside bracket to enclose gap (J) ①
2. Pass lock cable through gap and loop around table leg or fixed object. ②
3. Fasten K-Lock to M/Connect Hub to fully secure. ③

Attaching a Monitor Arm to M/Connect

CAUTION: Maximum weightload of M/Connect is as follows: M2.1: 15.5 lbs. – M8.1: 28 lbs. – M10: 40 lbs. – M/Flex: 60 lbs. total M10 is not to be used on M/Flex when mounted to M/Connect DO NOT exceed maximum weight limits.

When used in conjunction with M/Connect, M/Flex Post must be limited to 24 inches.

M2.1/M8.1/M10 Monitor Arm

1. Refer to monitor arm instructions to setup Smart Stop Ring.
2. Insert Monitor Arm into the base stem until it clicks into place. ①
3. Refer to monitor arm instructions to continue installation.
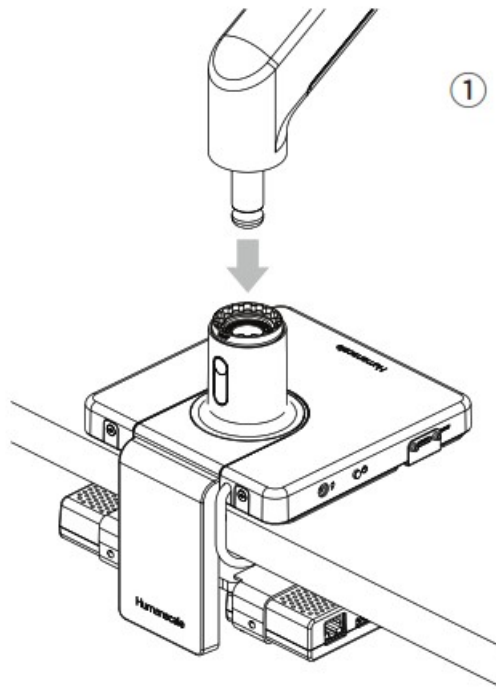
M/Flex Post

1. Loosen the two set screws (K) in M/Flex stem. ②
2. Insert the M/Flex post into the base stem and twist clockwise onto internal bolt until fully seated. ③
3. Tighten both set screws evenly to secure post. ④
4. Refer to monitor arm instructions to continue installation.
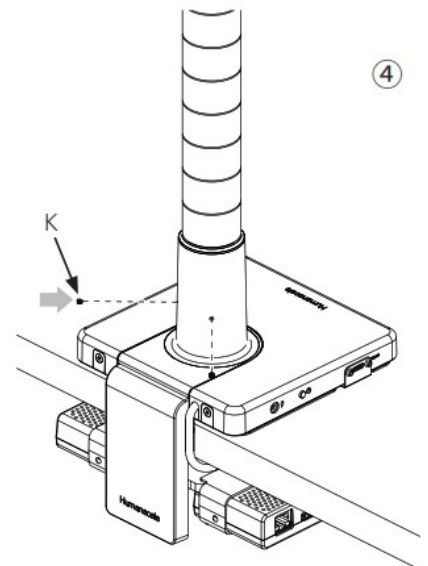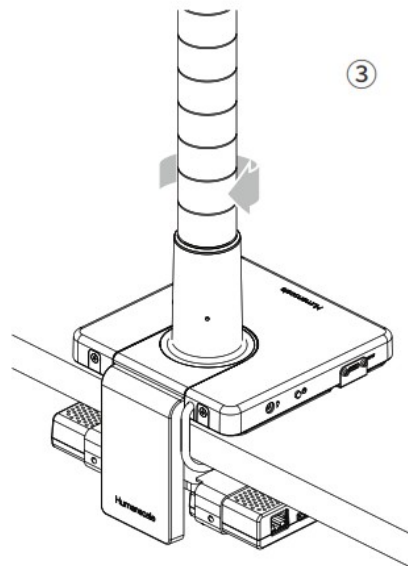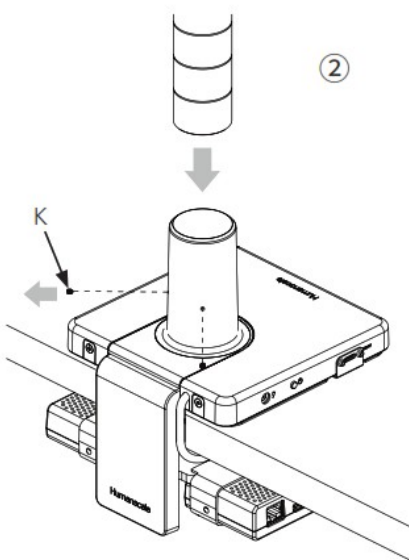
Connecting Cables to M/Connect

Bridge Cable

1. Plug the bridge cable into the underdesk dock. ①
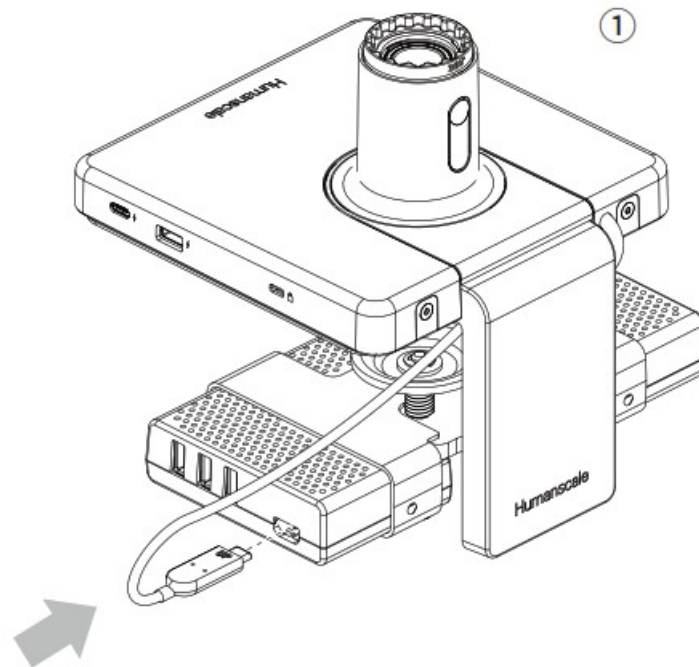
NOTE: The bridge cable must be fully inserted into dock for M/Connect to function. ②
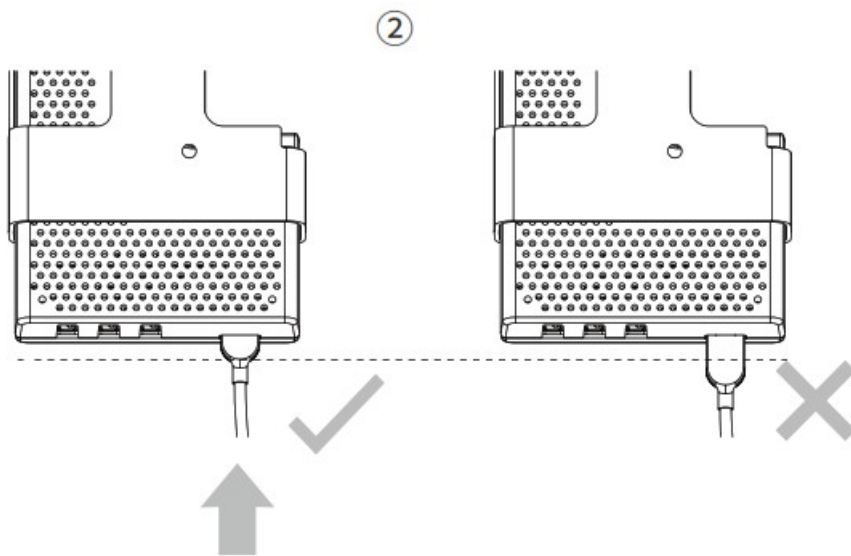
⚠️ **CAUTION:** DO NOT PLUG THE BRIDGE CABLE INTO ANY USB TYPE C PORTS ON THE UPPER HUB. DOING SO CAN CAUSE DAMAGE TO THE M/CONNECT.
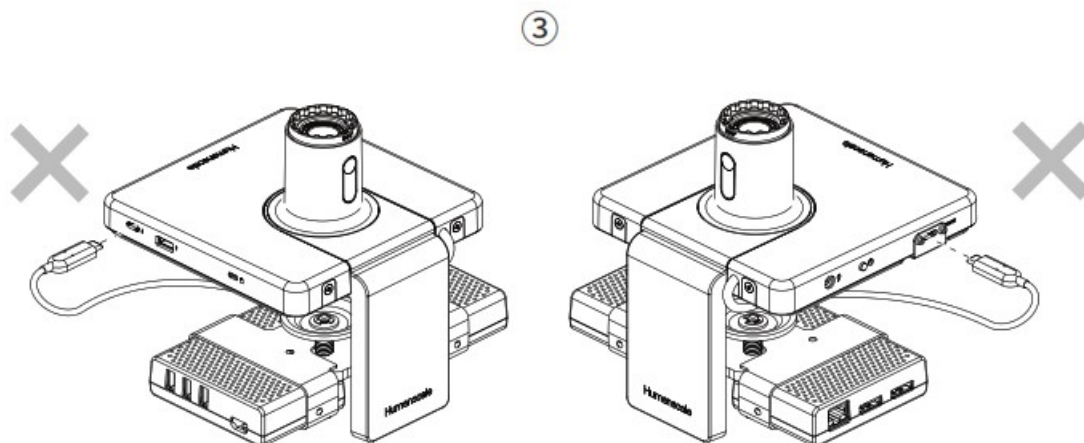
Power Cable

1. Insert power cable into power jack ①
2. LED light (L) will illuminate to indicate power ②
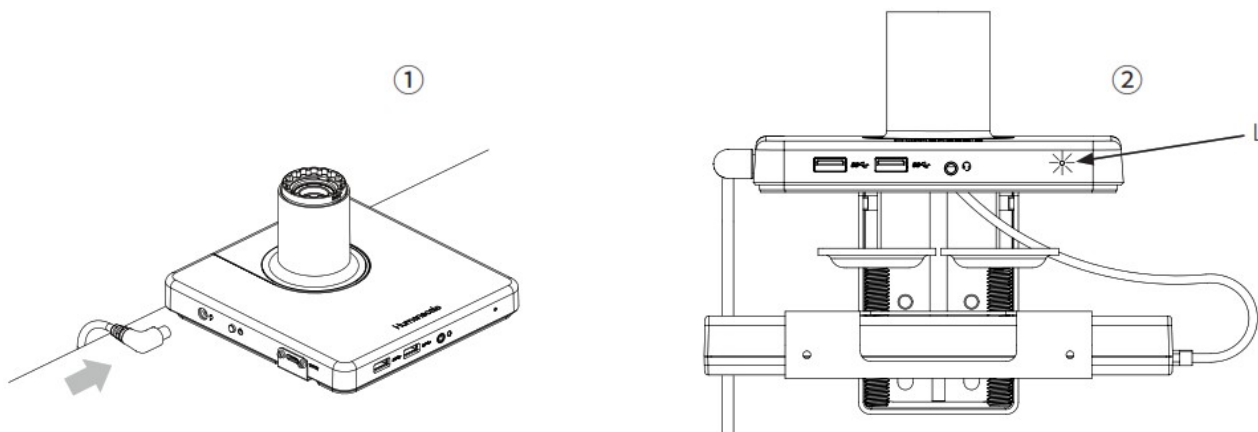
Upstream Cable

1. Insert upstream cable through retaining bracket and into hub. ③
2. Using a 1.5mm hex key, tighten the two screws to secure the cable.
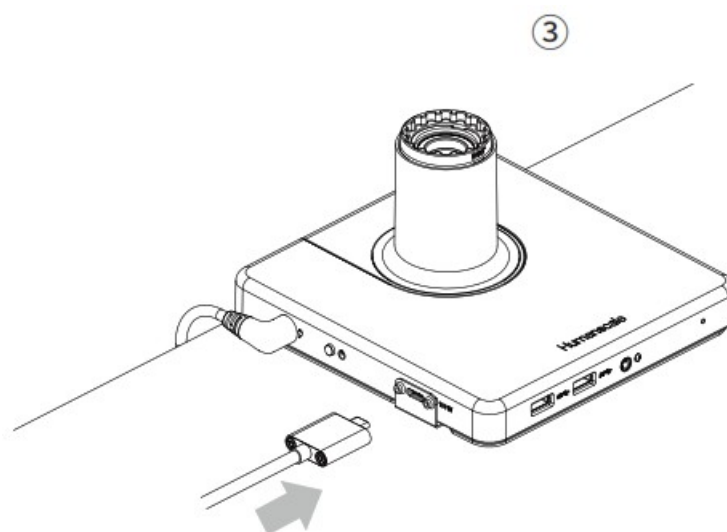
NOTE: When using USB type C-to-A adapter, make sure to properly align connector head with adapter upon insertion. ④
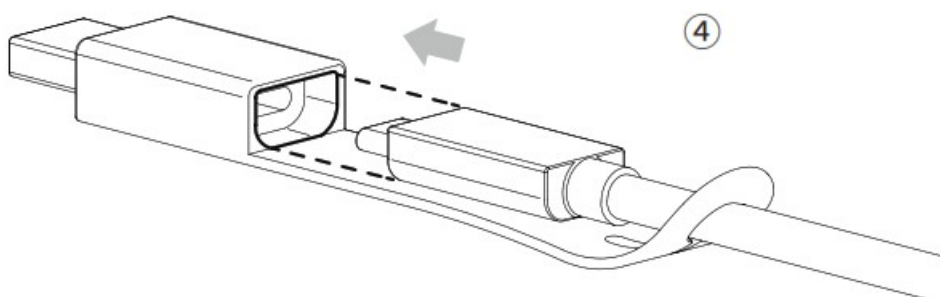
Installing M/Connect Software

Driver Installation

YOU MUST INSTALL THE NECESSARY DRIVERS ONTO YOUR COMPUTER BEFORE USING M/CONNECT. THIS WILL ENSURE PROPER OPERATION.

NOTE: For proper installation of the DisplayLink drivers, it is important to make sure your USB 3.0 Host Controller Driver and Graphics Adapter Driver are up-to-date.

1. Go to **http://www.displaylink.com/downloads**

2. Choose your operation system.

3. Download and install the latest driver.

4. Ready to go!

Troubleshooting

We recommend following these guidelines as a best practice.

Ensure installation isn't blocked by a corporate firewall

If your firewall blocks the installation of this driver, corporate users should contact their systems administrator and have them allow this driver under their corporate installation standard procedures (MSI Installer), available for download from DisplayLink's website.

Individual users should ensure that suggestions to update other drivers are followed. This typically includes updating the laptop graphics and USB drivers to the latest version.

Updating the host graphics drivers to the latest version: For Windows 7, USB laptop drivers are provided by Intel/OEM notebook vendors. Users have to update this manually. Please
refer to **http://support.displaylink.com** for more details. For Windows 8 onwards, laptop drivers are provided by Microsoft and updated in the system via Windows update.

For the best user experience, we recommend running the latest version of the driver.

Replacing the M/Connect Hub (If Applicable)

In the event of damage/failure of the M/Connect Hub

1. Using the guide below, determine if your M/Connect Hub is removable.

2. Disconnect the bridge cable from the M/Connect Dock. ③

3. Disconnect the power and upstream cables from the M/Connect Hub. ④

4. Remove the two security screws from the rear side of the unit using a 2mm hex key. ⑤

5. Slide the M/Connect Hub towards the front of the desk and lift to remove. ⑥

6. Install the replacement hub and fasten with the two security screws.

7. Reconnect all cables.

⚠ **NOTICE:** Removable hub must be fully installed prior to turning on the unit.

HOW TO DETERMINE M/CONNECT VERSION
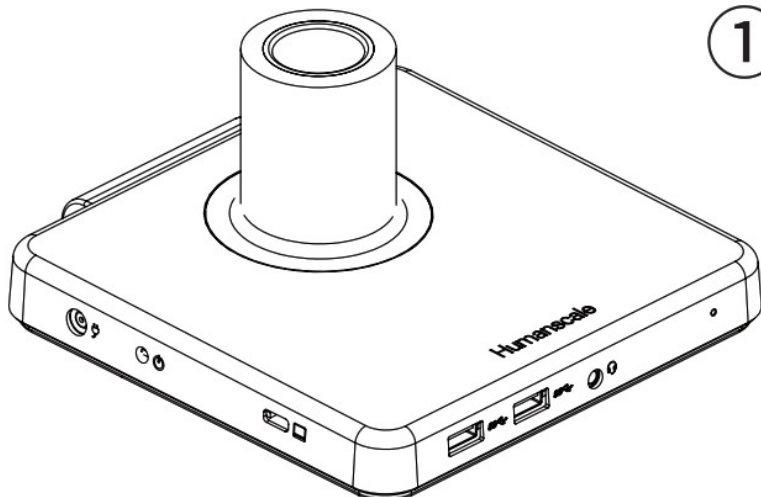
Previous Version (Not removable)
Top cover is one continuous piece

New Version (Removabl
Top cover has "U"-shaped spl

Recommended System Requirements

Minimum Requirements for Office, Productivity, Web
Processor: Intel Core i3 2+GHz / Intel Cor e M / AMD Trinity or better
Memory: 4GB
Video Card: Intel HD 4000, ATI Radeon HD7xxx, NVidia GeForce 5xxM or better, with drivers released specifically for the Windows version.
USB: USB 2.0 but USB 3.0 recommended
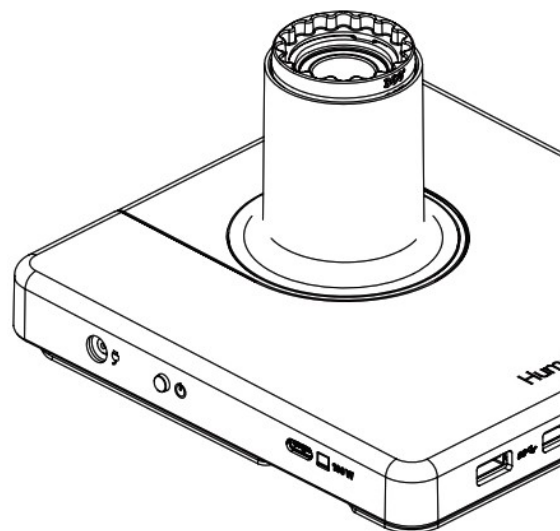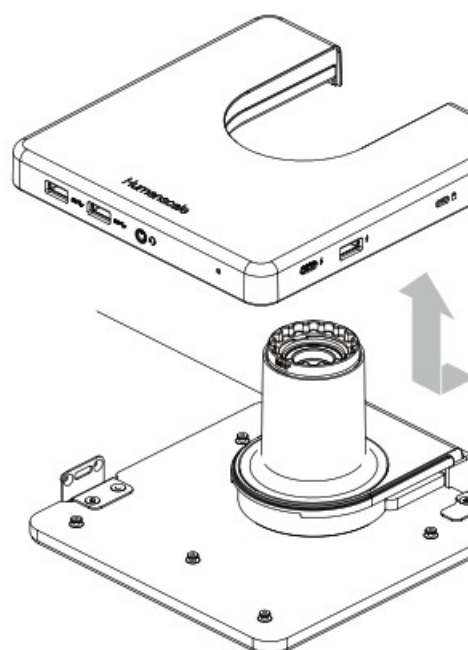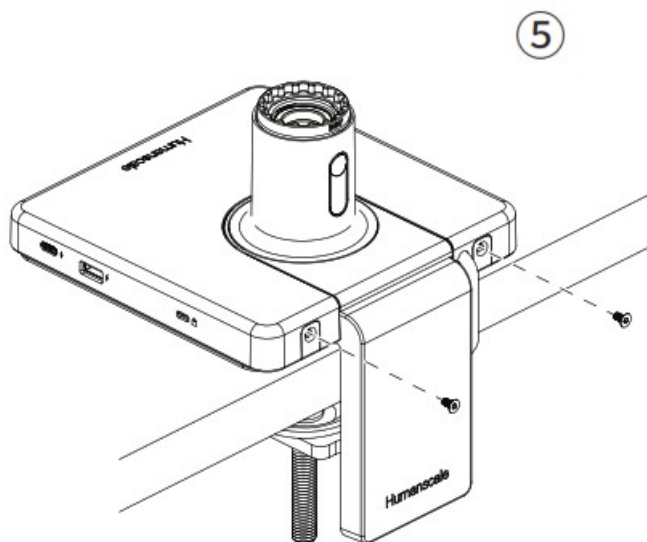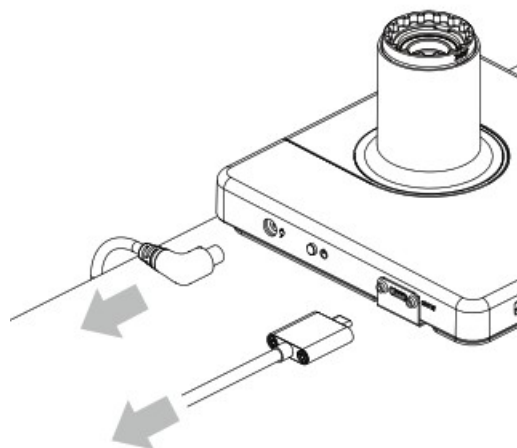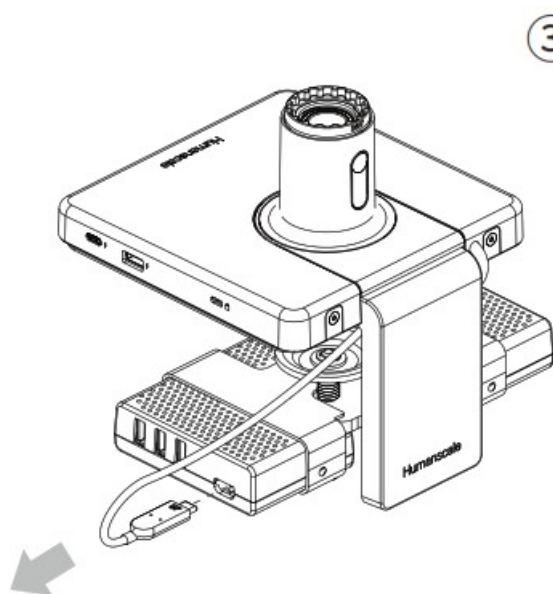
Minimum Requirements for Full-Screen Video Playback
Processor: Intel SkyLake i3 or Intel Core i7 2+GHz / AMD Richland A10-575x / AMD Kaveri A10-7400P or better
Memory: 8GB
Video Card: Intel HD 4000, ATI Radeon HD 8650, NVidia GeForce 7xxM or better, with drivers released specifically for the Windows version.
USB: USB 3.0
Disk: 7200RPM or SSD
If playing UHD content (4K), the system must be capable of decoding the 4K video in the GPU.

Electrical Specifications

Base Hub – 100W	**USB ports**	USB-C full feature with PD charging 100W Support PD2.0 version 1.2 (BC protocol devices not supported)		
	USB ports	2x USB-A 3.1 Gen1 with charging (5V, 2.4A)		
	USB Ports – charging only, no data communication	USB-C (5V, 3.0A max) USB-A (5V, 2.4A max)		
	Microphone/Headphone	3.5mm combo jack		
Dock	**Without HDCP enabled**	**4k** 3840×2160 p60 4096×2160 p60	**2k** 2560×1600 p60 2560×1440 p60	**1k** FHD
	Video 1 output DP++ (Dual mode DP1.2)	✔	✔	✔
	Video 2 output DP++ (Dual mode DP1.2	✔	✔	✔
	Network	Gigabit Ethernet Transfer rate 10Mbit/100Mbit/1Gbit		
	USB Ports	2x USB-A 3.1 Gen1 (5V, 0.9A) 1x USB-A 3.1 Gen1 with charging (5V, 2.4A)		
Operating System	Windows 7/7Pro (32bit/64bit), Windows 8.1/8.1Pro (32bit/64bit), Windows 10 (32bit/64bit), Apple OS X Version 10.8.3 and above (Mountain Lion v10.8, Mavericks v10.9, Yosemite v10.10, El Capitan v10.11(ver2.5), Sierra mac OS10.12(ver2.6))			
	Temperature – Operating	0°C to 40°C		
	Temperature – non-Operating	-20°C to 60°C		
	Relative Humidity – Operating	10% to 80% (non-condensing 5°C to 35°C)		

Environmental	Relative Humidity – non-Operating	5% to 90% (non-condensing -20°C to 60°C)
	Altitude – Operating	Sea level to 5000m
	Designed to meet RoHS and WEEE directives	
Dimension	Hub	150mm (w) x 150mm (d) x 22.5mm (h)
	Dock	191mm (w) x 90mm (d) x 23mm (h)
Weight	2.1 kg (dock and hub)	
AC Power Adapter (for 100W Hub)	Input Voltage	90 – 264V (47-63Hz)
	Output Voltage	20V (+/- 5%), 9A, 180W
	Efficiency	Meets US DoE VI
Accessories Included	1x USB-C full feature cable – 1.0m in long w/. a USB-C to USB-A adapter attached	

FCC Notice

M/Connect2 Models MC2-AXY and MC2-BXY (where X and Y can be alphanumeric or blank)

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: 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.

The FCC requires the user be cautioned that any changes or modifications made to this device that are not expressly approved by Humanscale may void the user's authority to operate the equipment.

Connections to this device must be made with shielded cables in order to maintain compliance with the Class B limits in the FCC Rules and Regulations.

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CAN ICES-3 (B)/NMB-3(B)

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3/29/2022
GT -NPD-AI-4883-001-R01

Documents / Resources

M/Connect 2 Assembly Instructions Humanscale	**Humanscale GT-NPD-AI-4883-001-R01 M Connect 2 USB-C and Monitor Docking Station** [pdf] Instruction Manual GT-NPD-AI-4883-001-R01 M Connect 2 USB-C and Monitor Docking Station, GT-NPD-AI-4883-001-R01, M Connect 2 USB-C and Monitor Docking Station, Monitor Docking Station, Docking Station

References

- ○ **DisplayLink | Synaptics**
- 🔁 **DisplayLink Support**
- ○ **DisplayLink Downloads Page | Synaptics**
- ○ **DisplayLink Downloads Page | Synaptics**

Manuals+,