M/Connect™ 2

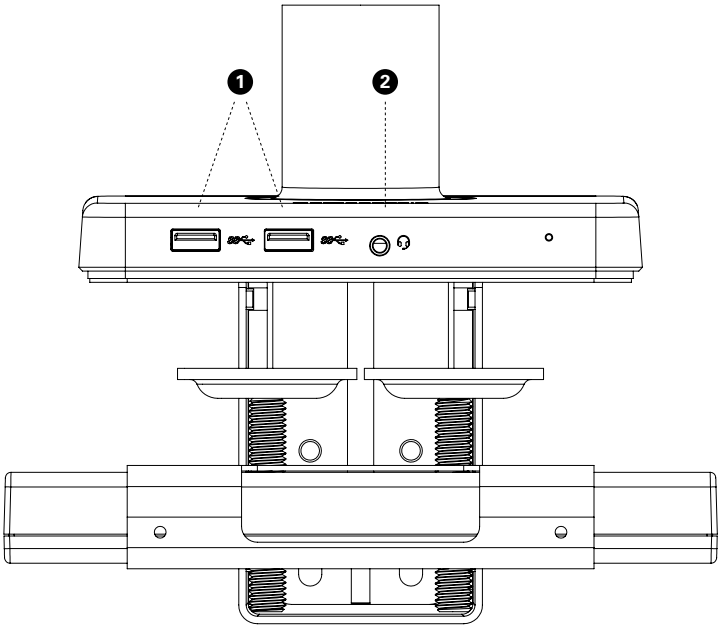## USER GUIDE

Humanscale®

Table of Contents

PARTS REQUIRED

M/Connect 2 Parts

A   (1) M/Connect 2 Hub and Dock

B   (1) Power Adaptor

C   (1) Power Cable (Localised)

D   (1) USB-C Upstream Cable with USB-A Adapter

E   (1) Upstream Cable Retainer
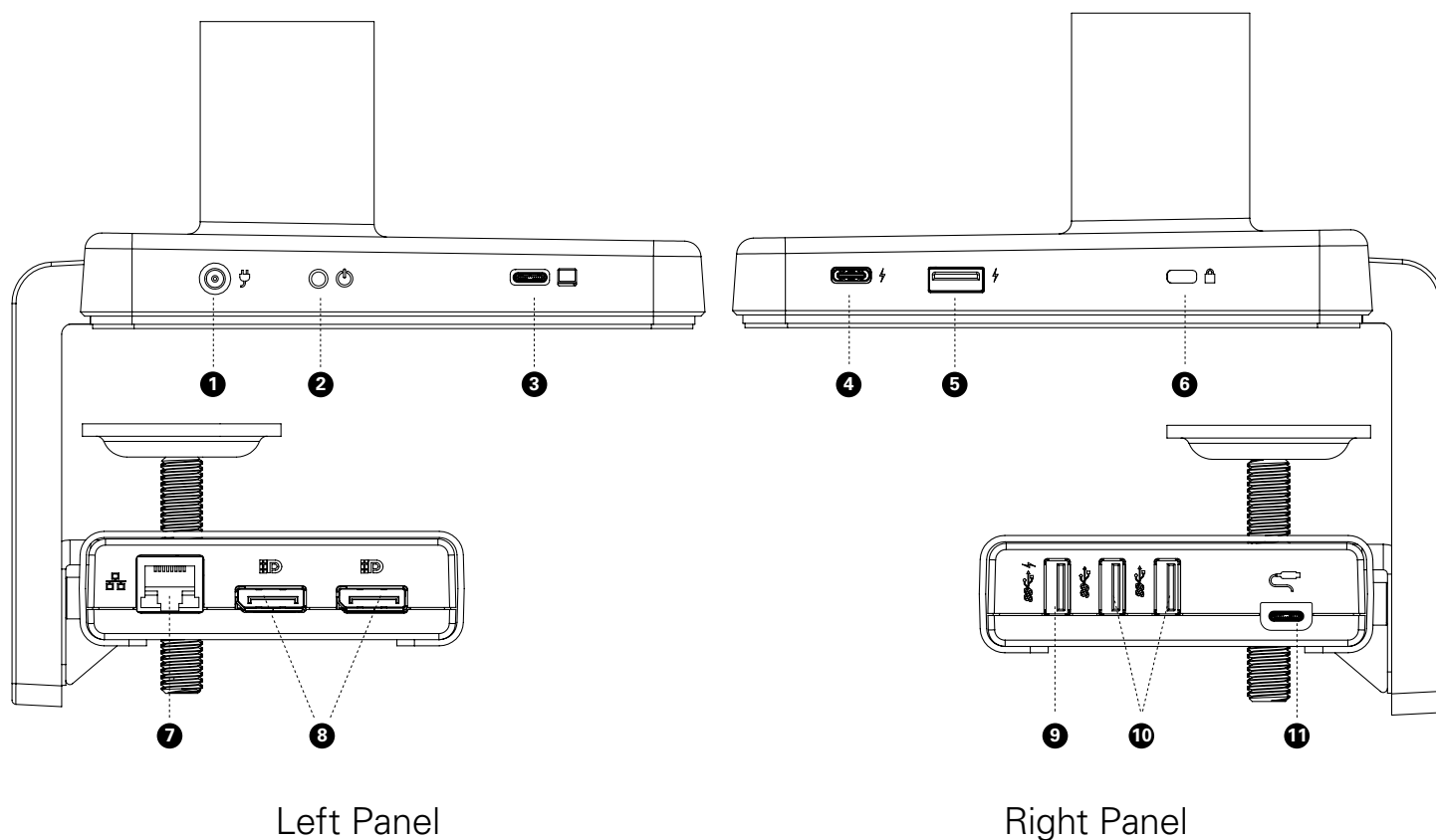
A

B

C

D

E

Front Panel

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

IDENTIFYING COMPONENTS

Left Panel

Right Panel

	Component	Description
❶	DC in	20V, 7.5A DC to M/Connect 2
❷	Power Button	Powers unit on and off
❸	USB-C Upstream Port	Connects full featured USB-C cable to laptop, Supports PD charging at 60W max. **Important: only use USB-C cable provided with unit, other cables may void product warranty**
❹	USB-C Charging Port	Charges USB-C devices 5V, 3Amax
❺	USB-A Charging Port	Charges USB-A devices 5V, 2.4A max
❻	Kensington Slot	To secure unit from theft
❼	Ethernet	To connect network to M/Connect 2
❽	DisplayPort (2)	Connects to DisplayPort of monitor
❾	USB-A Port	USB 3.1 Gen1, Supports charging 5V, 2.4A
❿	USB-A Port (2)	USB 3.1 Gen1
⓫	USB-C Bridge Port	Connects cable supplied from the top hub; flat cable plug face has to face upward when plugging

INSTALLING M/CONNECT 2 ONTO EDGE OF TABLE

Caution: Maximum weight oad of M/Connect 2 is as follows: *M2: 9kg (20 lbs.)*
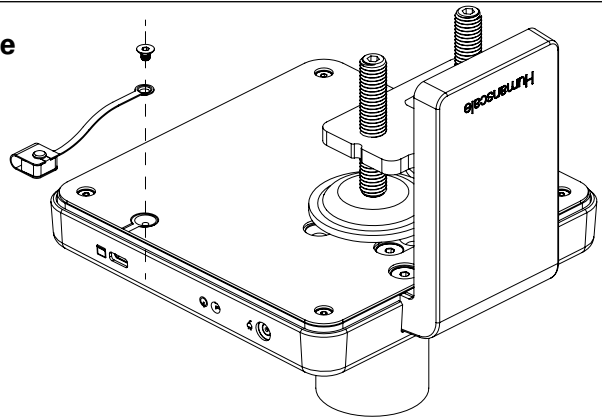*M8: 18kg (40 lbs.)*
M/Flex: 27kg (60 lbs.)
Do NOT exceed maximum weightload limits.

OPTIONAL: INSTALL USB-C CABLE RETAINING CLIP

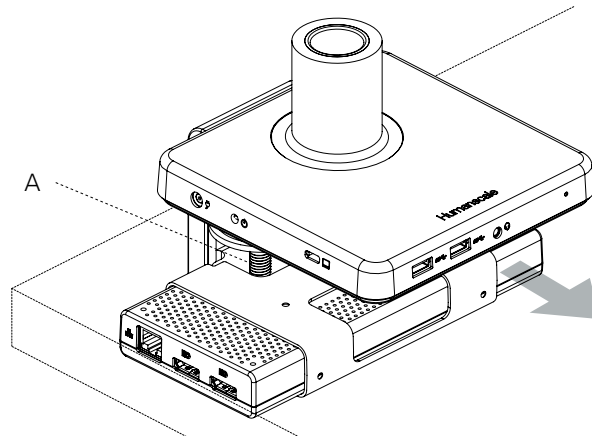**Turn M/Connect 2 upside down to access screw hole**

• Screw cable retaining clip into sheet metal base

STEP 1

Place M/Connect 2 Clamp onto Table

• Slide mount against work surface edge and fully tighten clamp screw (fig. A)
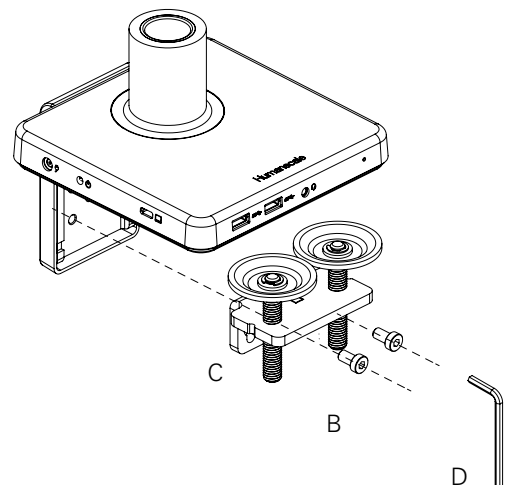

INSTALLING M/CONNECT THROUGH A GROMMET HOLE OR SYSTEM FURNITURE
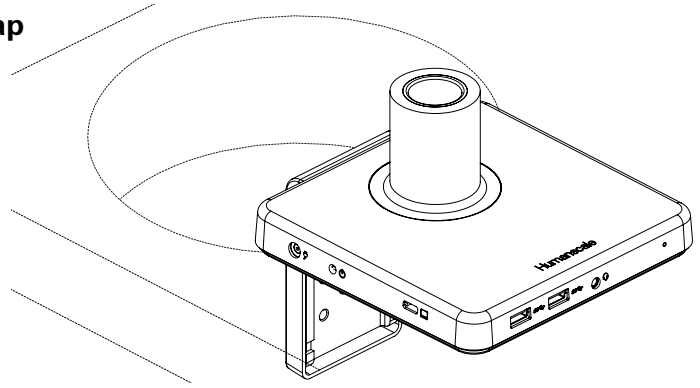
STEP 1

Disassemble Clamp

• Remove the two screws (fig. B) using hex key (fig. D) and detach the smaller clamp bracket (fig. C) from the larger bracket

STEP 2

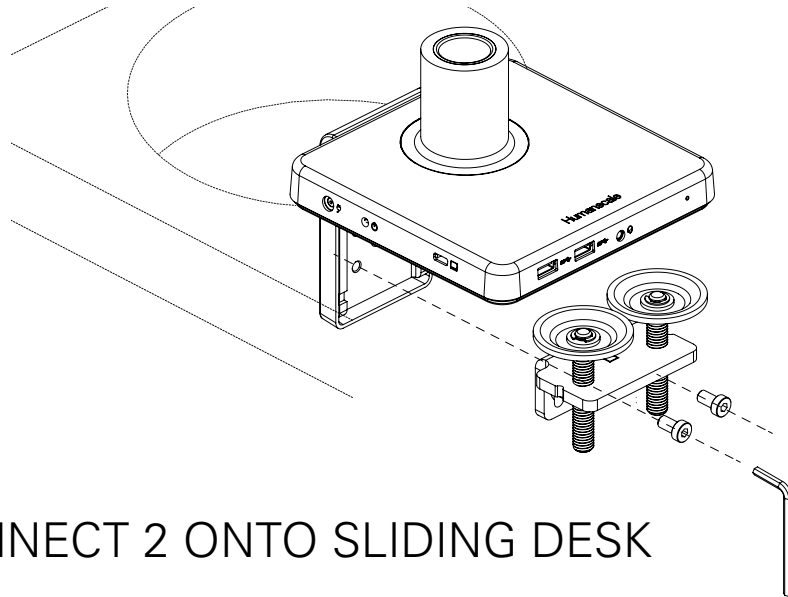## Place into Grommet Hole or System Furniture Gap

• Place the L Bracket of the M/Connect 2
  through the grommet hole and to the desired
  position Note: Minimum hole diameter is 76mm (3")

STEP 3

Reattach Clamps

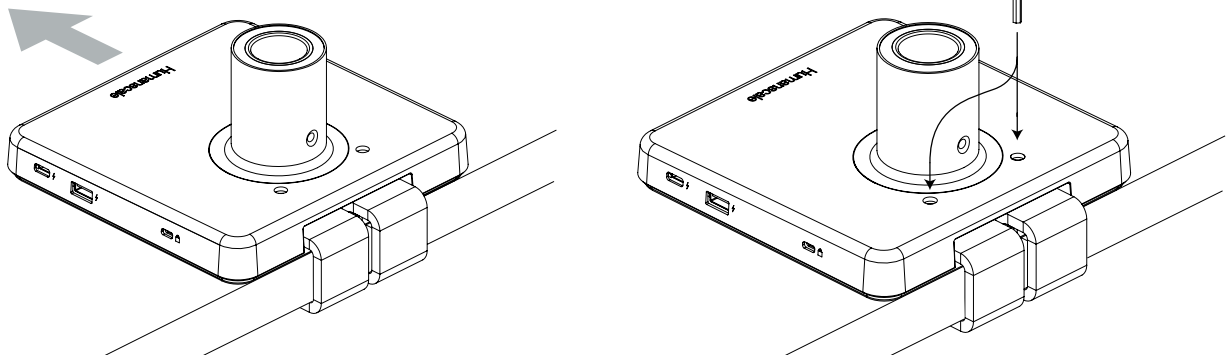• Secure the lower bracket to the larger bracket reusing the two screws

# INSTALLING M/CONNECT 2 ONTO SLIDING DESK

STEP 1

Place M/Connect 2 Clamp onto table edge

• Slide unit with loosely mounted bracket against work surface edge

• Tighten both set screws evenly into bracket to a snug fit (fig. E)

E

ATTACHING AND REMOVING DOCK

- To attach dock, slide onto the clamp bracket (fig. F) until it snaps in place

- To remove dock, pull away from clamp while applying a downward force near front (Fig. G)

- Fully insert USB-C cable head (fig. H) from hub into dock, ensuring complete connection

- The cable can only be connected in one direction, with the "Up" logo facing upward (Fig. I)
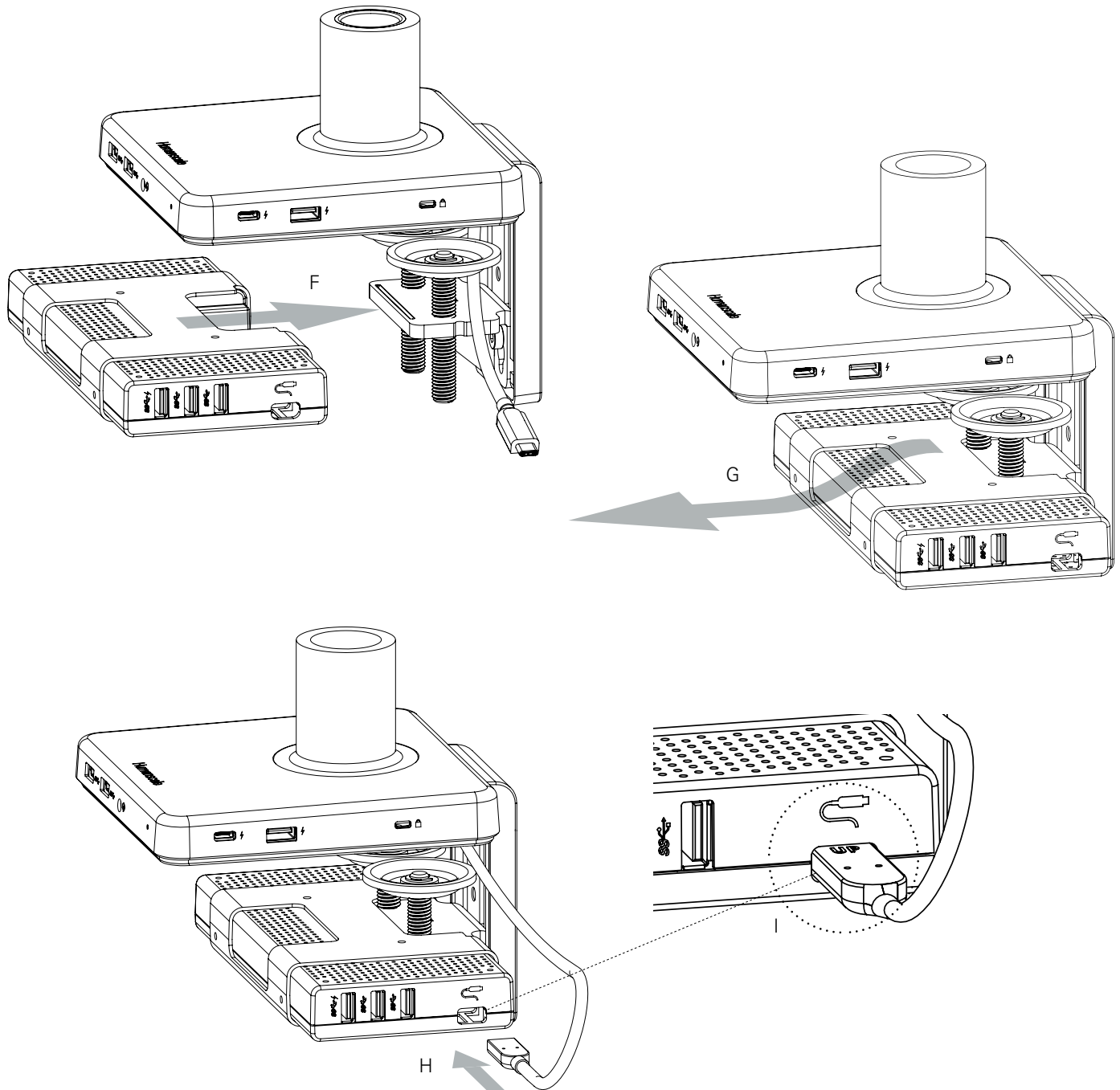
ATTACHING A MONITOR ARM TO M/CONNECT 2

M2/M8 MONITOR ARM

Adjust Base Clamp for Correct Work Surface Depth

• Remove set screw (fig. J) from Base using hex key

• Insert Monitor Arm into the Base stem (fig. K) with its slot facing the rear

• Reinsert the set screw and tighten until it seats
  and the 180° stop* is engaged
  (*arm won't be able to swivel past the rear desk edge)

• Proceed to the "Attach VESA Bracket to Monitor" step
  in the main M8 instruction guide
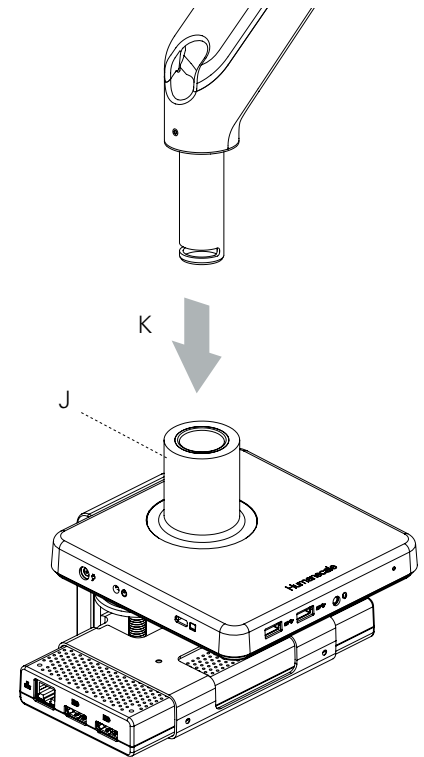
M/FLEX MONITOR ARM

Adjust Base Clamp for Correct Work Surface Depth

• Back out the two set screws installed in stem (fig. L)

• Insert M/Flex post (fig. M) into Base and twist onto internal bolt until fully seated

• Tighten both set screws evenly (fig. L) to secure post using hex key
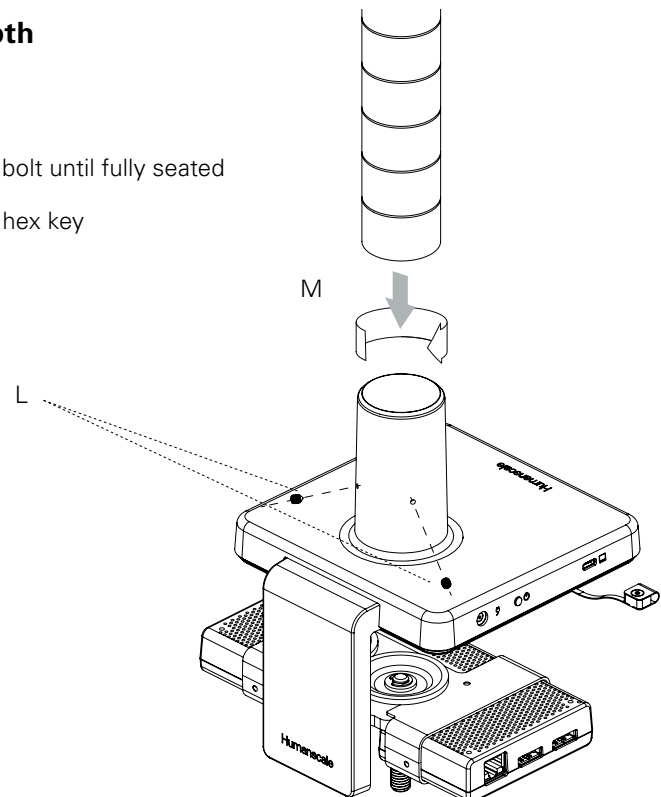
CONNECTING CABLES TO M/CONNECT 2

Plug in power cable

• Insert power cable (fig. N) into rearward power jack

• LED light (fig. O) will illuminate to indicate power
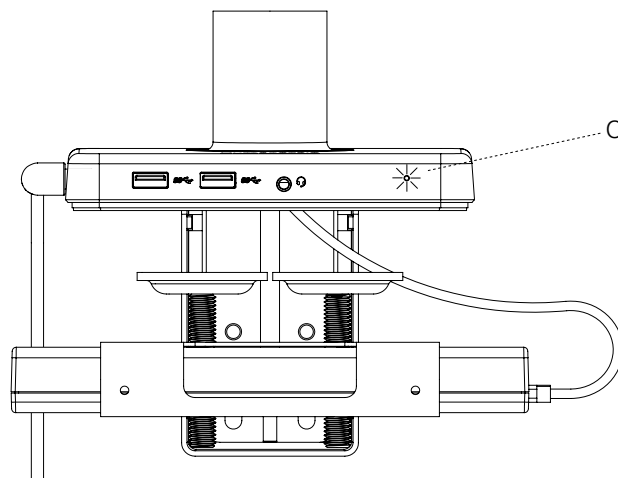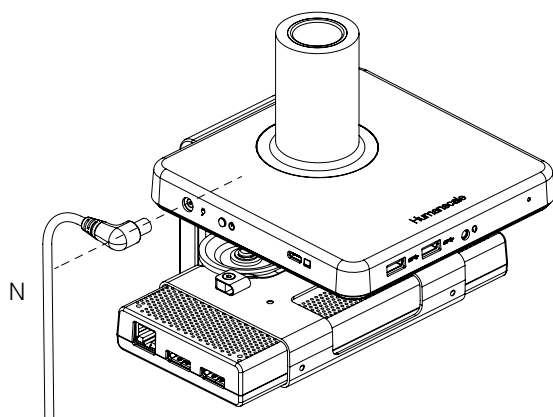
Connect upstream cable from source to hub

• Remove screw (fig. P) from cable retaining clip

• Remove plastic insert (fig. Q) from retaining clip and insert USB-C upstream cable

• Snap plastic insert back into retaining clip and secure with screw
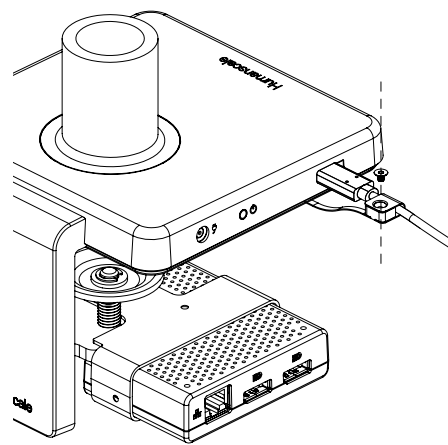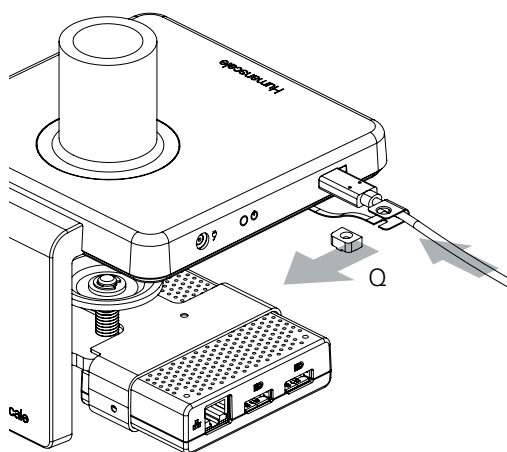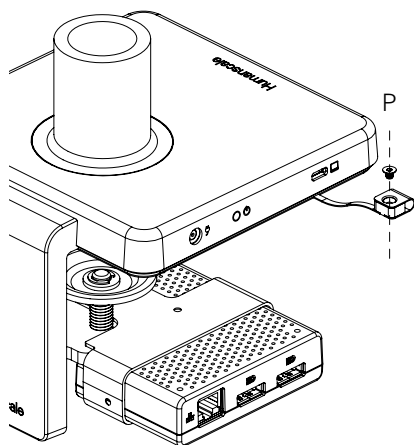
• When attaching USB - A-to-C adapter, make sure to align tabs on connector heads for proper function

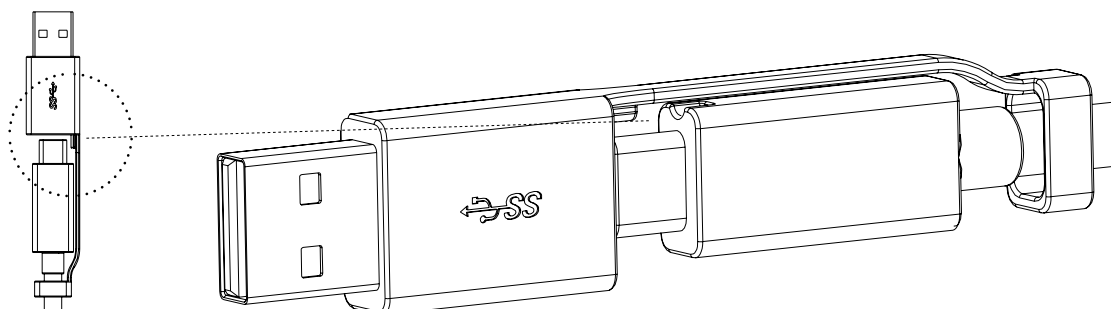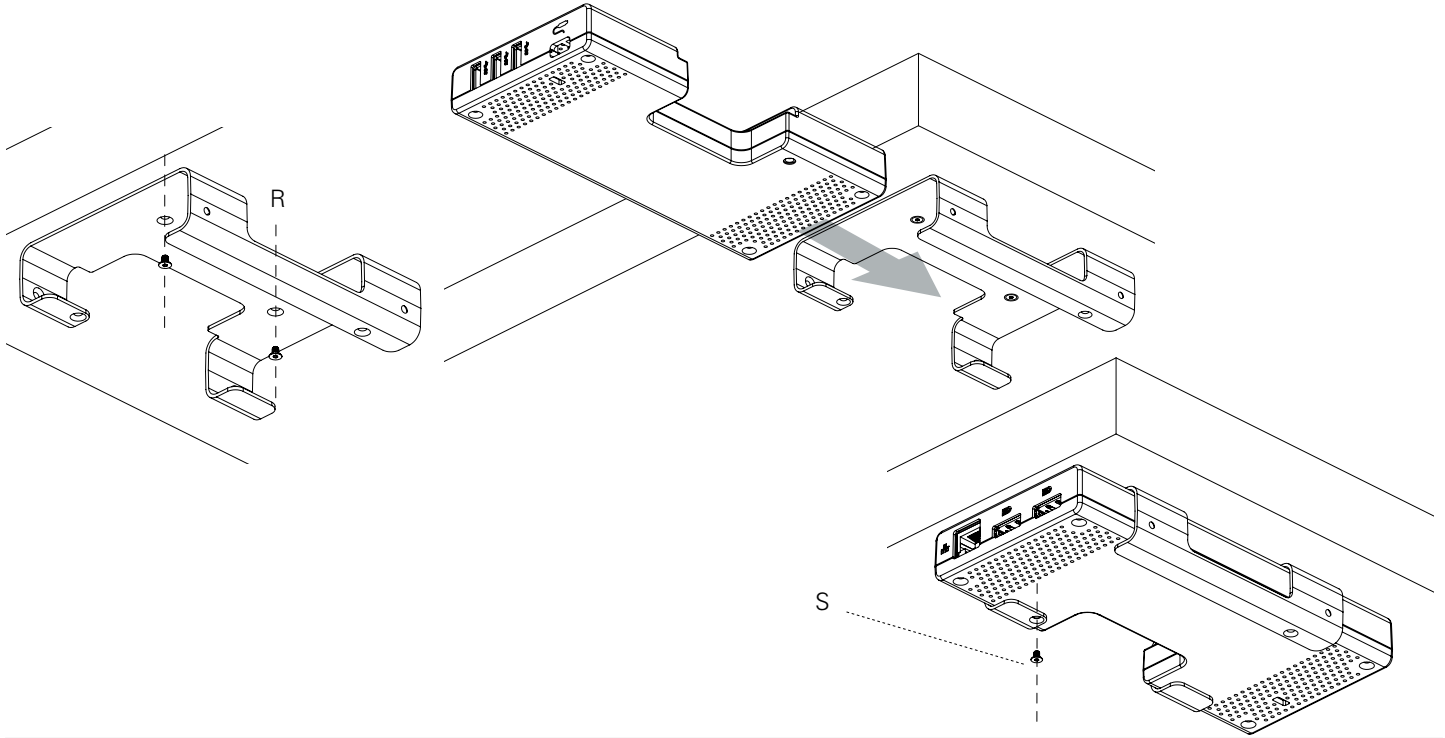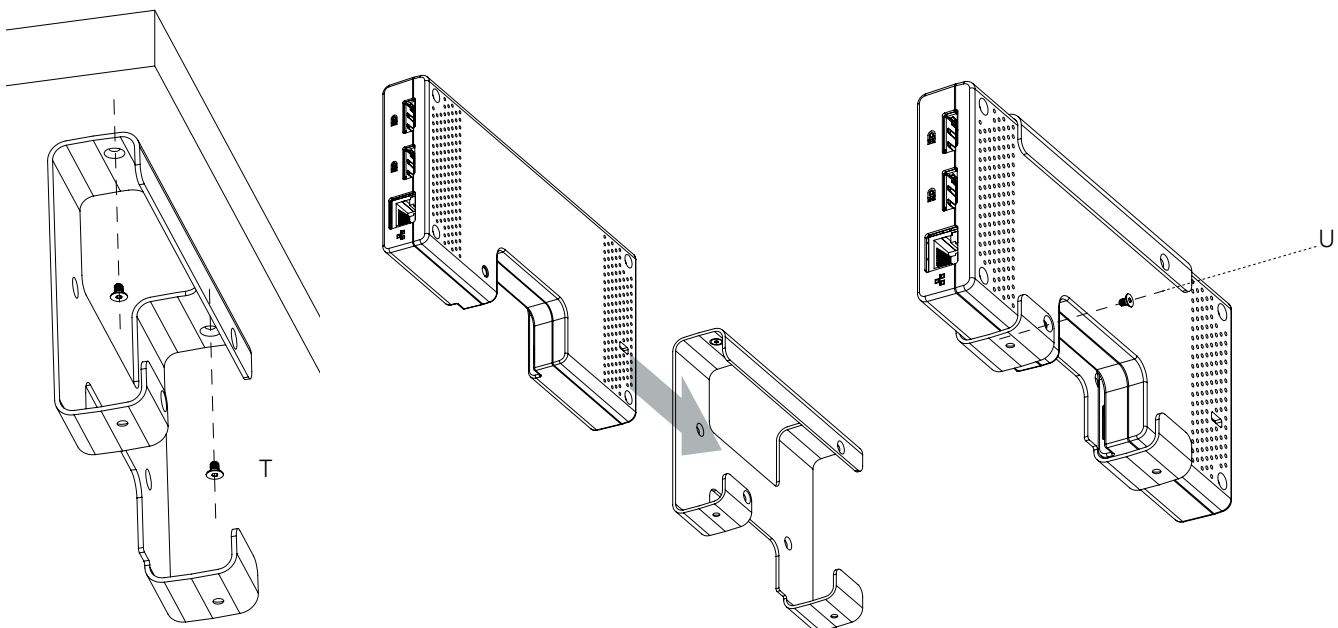# MOUNTING THE M/CONNECT 2 DOCK

Horizontal Alignment

• Screw bracket (fig. R) into desk underside and slide dock in

• Attach screw. (fig. S) through bracket into dock to fully secure

Vertical Alignment

• Screw bracket (fig. T) into desk underside and slide dock in

• Attach screw. (fig. U) through bracket into dock

SECURING THE DOCK

Using a K-Lock into dock

• Use K-Slot opening on dock to attach K-Lock device (fig.V)

V
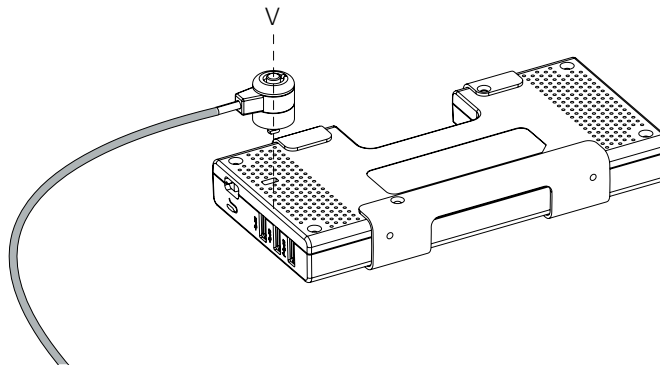
Using a K-Lock cable pass-through dock

• To secure with cable pass through, orient dock bracket to enclose gap (fig. W)

• Pass lock cable through gap in dock and loop around table leg or fixed object (fig. X)

• Fasten K-Lock to M/Connect 2 hub (fig. Y) so fully secure

W

X

Y

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

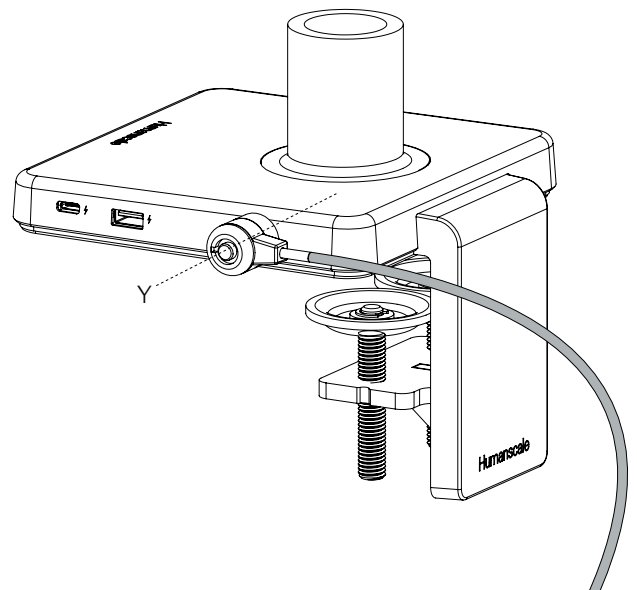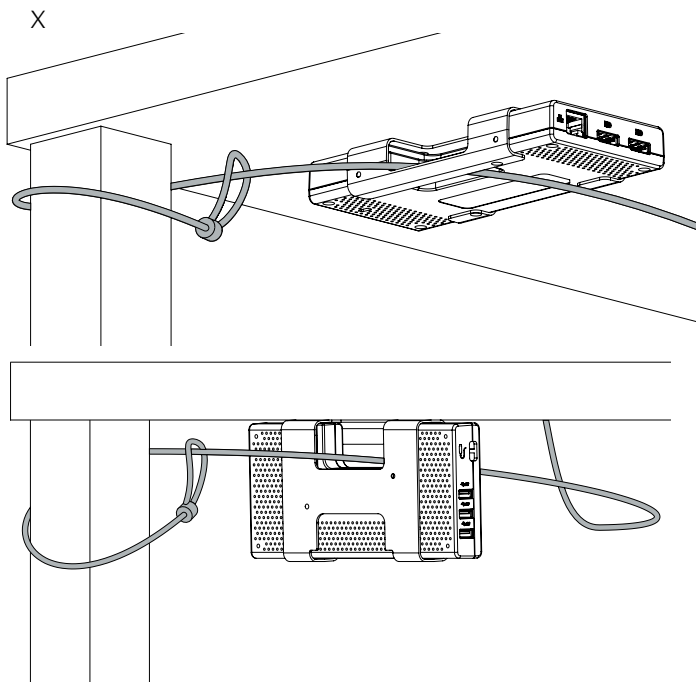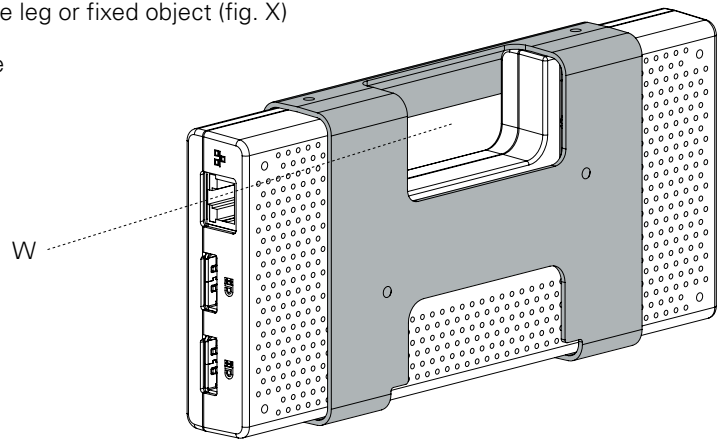Video Card: Intel HD 4000, ATI Radeon HD7xxx, NVidia GeForce 5xxM or better, with drivers released specifically for the Windows version.

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	USB ports	USB-C full feature with PD charging 60W 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	**5k** 5120x2880 p60	**4k** 3840x2160 p60 4096x2160 p60	**2k** 2560x1600 p60 2560x1440 p60	**1k** FHD
	Video 1 output DP++ (Dual mode DP1.2)	Supports (1) 5K monitor	✔	✔	✔
	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))			
Environmental	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)			
	Relative Humidity - non-Operating	5% to 90% (non-condensing -20°C to 60°C)			
	Altitude - Operating	Sea level to 5000m			

ELECTRICAL SPECIFICATIONS

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	Input Voltage	90 – 264V (47-63Hz)
	Output Voltage	20V (+/- 5%), 7.5A, 150W
	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 (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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