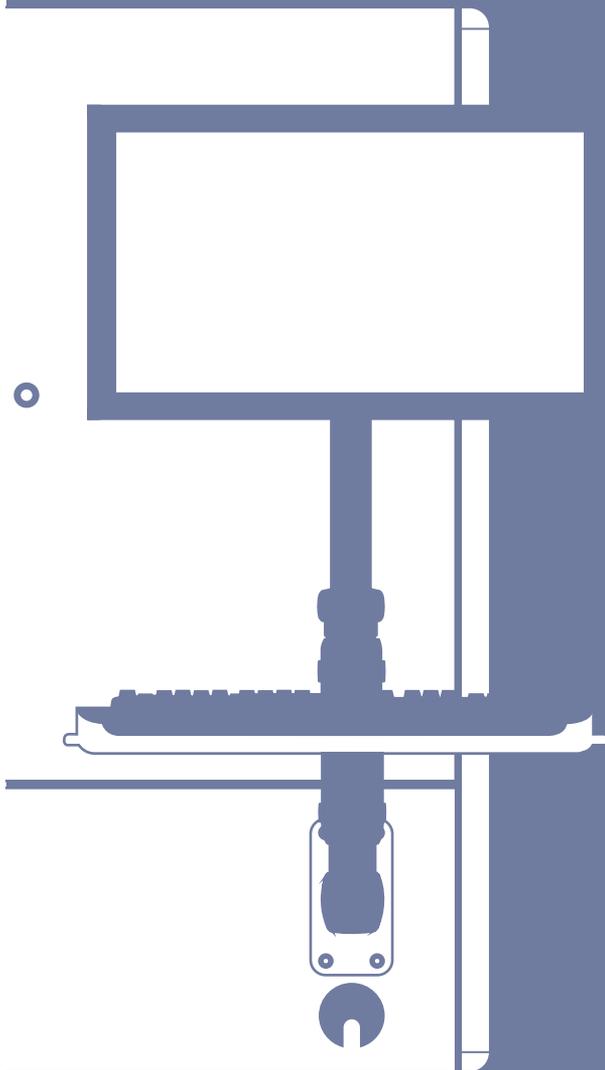


# e130

Wallstation



MANUAL 07.29.13

enovate  
MEDICAL



---

The Enovate Medical e130 Wallstation was designed to set a new standard in quality. Enovate Medical's goal is to provide a wallstation that is ready for years of use, and backed by a commitment of exemplary service and support.

# Thank you for purchasing the Enovate Medical e130 Wallstation!



WallStation Dimensions: 20.5" W x 41.5" H x 3.5" D  
CPU Compartment Dimensions: 10" W x 10.6" H x 2.6" D



## **IMPORTANT WARNINGS:**

Read the entire installation manual before you begin.

### **MOUNTING**

Installer must verify that the entire wall will safely support the combined weight of all attached equipment and hardware. Improper installation of this product can cause extensive property damage or serious personal injury, either during or after installation. It is the responsibility of the installer to ensure that all applications including wood, concrete, block, brick, steel, etc are secured properly and are in compliance with local and national building codes. California installations could require specific anchorage, and additional mounting screws. Check with local authorities for codes in your area. Other seismic states have similar regulations.

**WARNING:** Because wall surfaces and construction methods and materials vary, it is imperative that you consult with the appropriate engineering, architectural or construction professional to ensure that your wall station is mounted properly to handle the applied loads.

### **ELECTRICAL SHOCK HAZARD**

Cutting or drilling into electrical wires and cables can cause **FIRE, DEATH or SERIOUS PERSONAL INJURY!** Always make certain the area behind the mounting surfaces is free of electrical wires and cables before drilling into wall.

### **EXPLOSION AND FIRE HAZARD**

Drilling into gas plumbing can cause **EXPLOSION, FIRE, DEATH or SERIOUS PERSONAL INJURY!** Always make certain the area behind the mounting surface is free of gas, water, waste, or any other plumbing before drilling.

### **GROUNDING**

Connect the Enovate Medical Wall Station to a properly grounded receptable.

### **SERVICE AND REPLACEMENT**

Do not attempt to service or replace any part of the Enovate Medical Wall Station unless directed to do so through Enovate Medical approved documentation (i.e., this User Manual or other instructions). Only Enovate Medical or an Enovate-certified entity may service or replace the wall station components. If any component on the wall station is missing or damaged, the wall station must not be used. Contact Enovate Medical immediately to request service.

If the unit is not working properly, please contact Enovate Medical Customer Service at:

[enovatemedical.com/support](https://www.enovatemedical.com/support)

888.909.8930 toll free

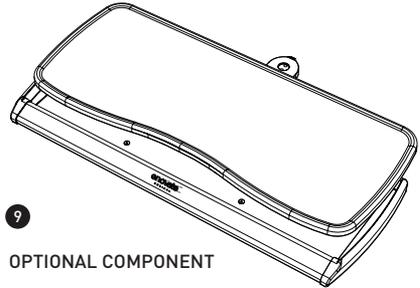
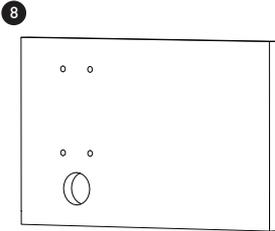
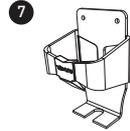
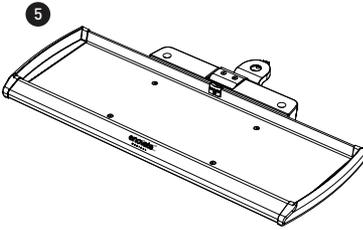
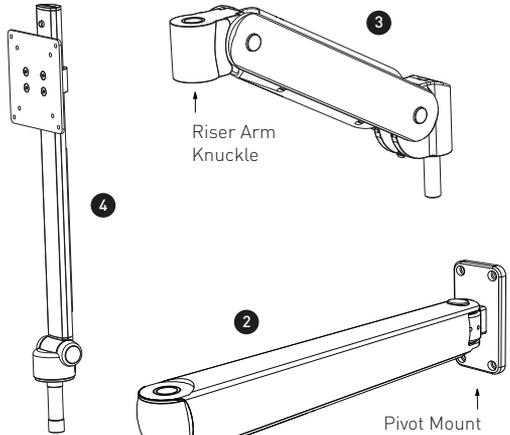
1	WELCOME
2	WARNINGS
4	COMPONENTS & HARDWARE
6	MOUNTING
9	ASSEMBLY
14	ADJUSTMENTS
20	UNIVERSAL CPU BRACKET
26	CABLE MANAGEMENT
32	ACCESSORIES
31	MOVEMENT

---

# Components & Hardware

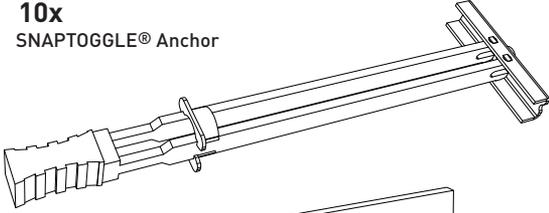
## STANDARD COMPONENTS

- 1 Wallstation Cabinet (Not shown)
- 2 Extension Arm & Cable Cover
- 3 Riser Arm & Cable Cover
- 4 Monitor Pole & Cable Cover
- 5 Standard Keyboard Tray
- 6 Cable MGT Cap
- 7 Mouse Holder
- 7 Lower Mounting Board
- 8 Optional eDesk

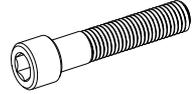


**HARDWARE INCLUDED**

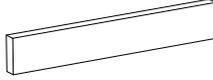
**10x**  
SNAPTOGGLE® Anchor



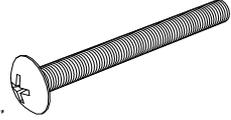
**4x**  
5/16-24 x 1 1/2"  
Socket Head Screw



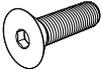
**1x**  
1/8"  
Plastic Shim



**10x**  
#10 x 2 1/2"  
Pan Head Screw



**2x**  
#10-24 x 3/4"  
Flat Head Screw



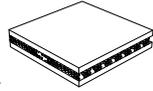
**4x**  
M4 x 12mm  
Button Head Screw



**4x**  
#10 x 1/4"  
Standoff



**4x**  
Dual Lock Pads



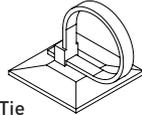
**1x**  
Large Slotted  
Pan Head Screw



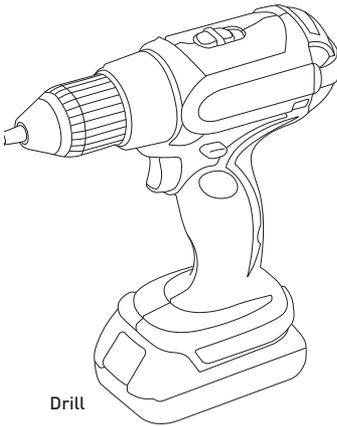
**2x**  
Plastic Washer



**8x**  
Cable Tie  
& Adhesive Pad



**TOOLS NEEDED**



Drill

**2.5mm**  
Allen Wrench



**5/64**  
Allen Wrench



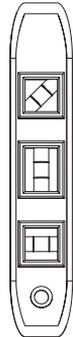
**1/8**  
Allen Wrench



Flathead  
Screwdriver



Level



1/2"  
Socket  
Wrench



**3/16**  
Allen Wrench



**1/4**  
Allen Wrench

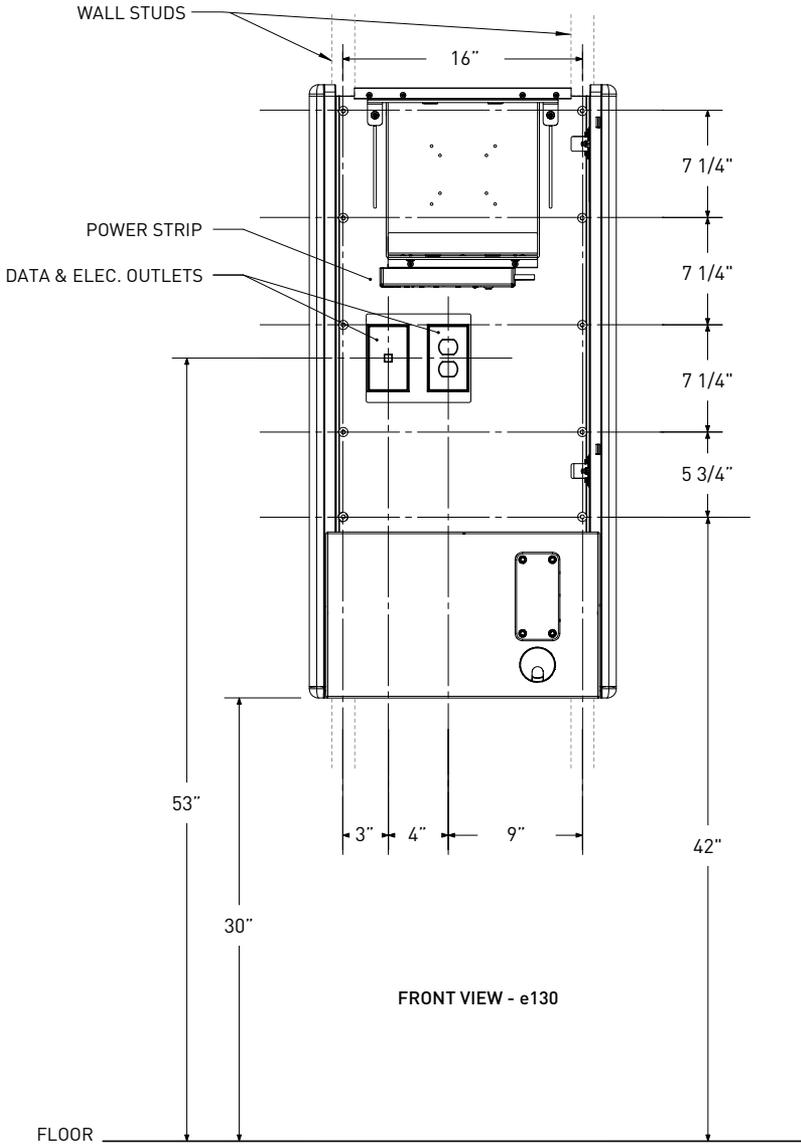


**5/16**  
Allen Wrench



# Mounting

NOTE: Always mount the e130 to wall studs.



## MOUNTING THE e130

### STEP 1

Determine your desired keyboard height. The dimensions on the drawing at left are shown for a keyboard height range of 29" to 43". Adjust the vertical dimensions as required for desired keyboard height.

### STEP 2

Locate the exact centerline of the wall studs where wallstation will be mounted.

### STEP 3

Using a level, mark the hole locations using the dimensions to the left.

### STEP 4

Drill (10) ½" holes through the center of the wall studs and install (10) SNAPTOGGLE® brand hollow wall anchors. (See wall anchor installation instructions on page 8).

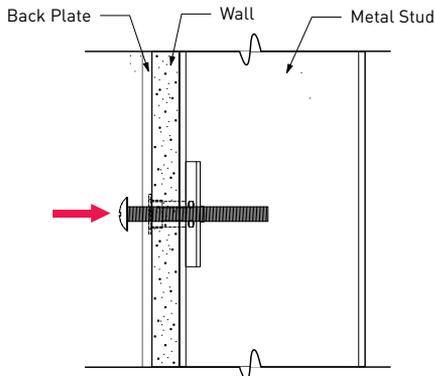
### STEP 5

Place the wallstation against the wall and secure with screws at the (10) anchor locations.

### STEP 6

Ensure cabinet is level before fully tightening screws.

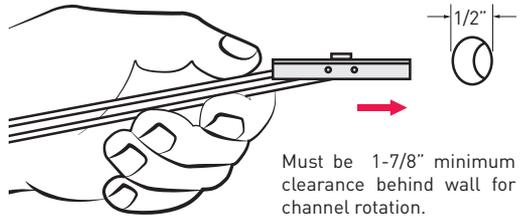
#### METAL STUD MOUNTING



## SNAPTOGGLE® HOLLOW WALL ANCHOR INSTALLATION

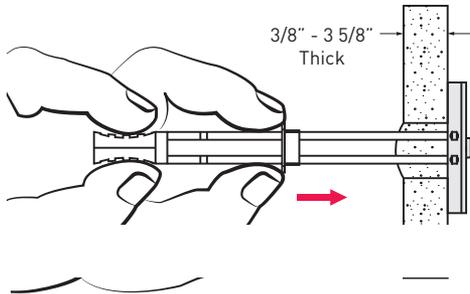
### STEP 1

Drill a 1/2" hole through center of metal stud. Hold metal channel flat alongside plastic straps and slide channel through hole.



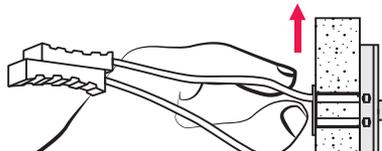
### STEP 2

Hold ends of straps between thumb and forefinger and pull toward you until channel rests flush behind wall. Slide plastic cap along straps with other hand until flange of cap is flush with wall.



### STEP 3

Snap straps at wall by pushing side to side, snapping off straps level with flange of cap.

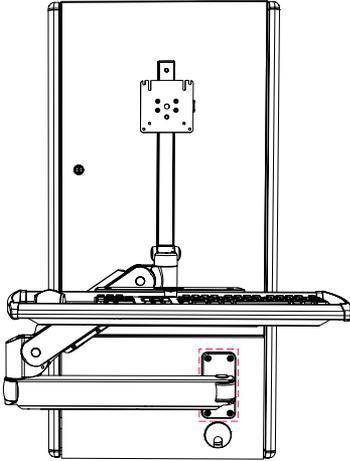


Patented under one or more of the following U.S. Patent Nos.: 4,993,901; 5,028,186; 5,161,296; 5,938,385; 6,161,999; 7,144,212; 7,320,569; and foreign counterparts thereof and of 4,650,386 and 4,752,170. Other patents pending.

TOGGLER and typeface, symbol, TA, TB, TC, TH, ALLIGATOR, SNAPTOGGLE, and SnapSku are worldwide registered trademarks of Mechanical Plastics Corp.

---

# Assembly



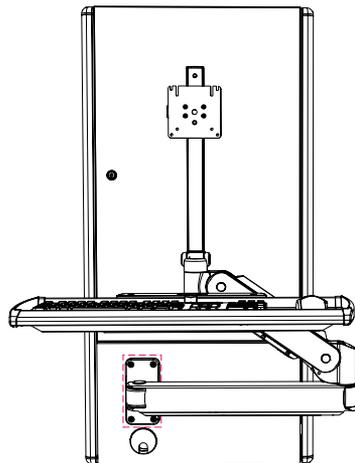
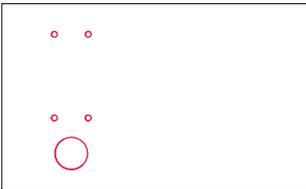
## Right Riser Arm Mount

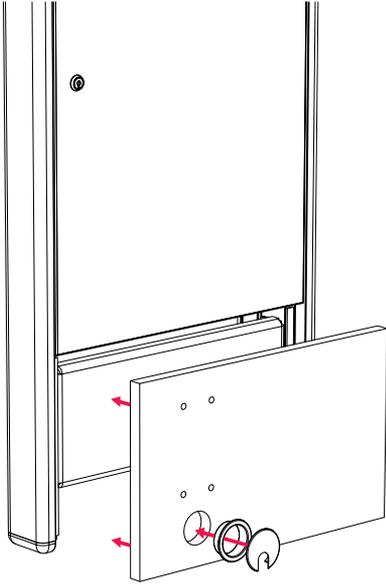
To mount the riser arm on the right side of the e130, place the lower mounting board with the mounting holes on the right side of the cabinet.



## Left Riser Arm Mount

To mount the riser arm on the left side of the e130, place the lower mounting board with the mounting holes on the left side of the cabinet.





**STEP 1**

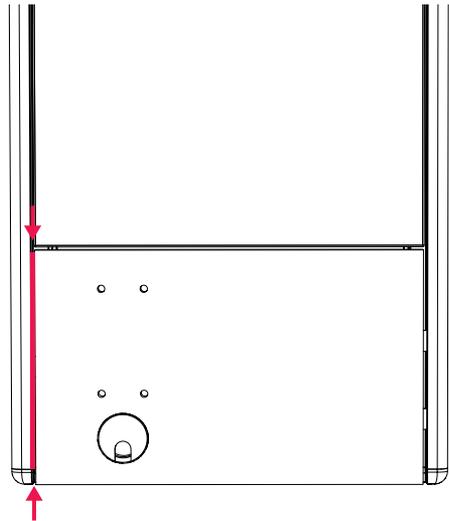
Place the cable management cap into place

**STEP 2**

Place the lower mounting board in the desired position.

**STEP 3**

Place the 1/8" plastic shim between the lower mounting board and the side of the e130 cabinet. This will ensure the mounting board is square.

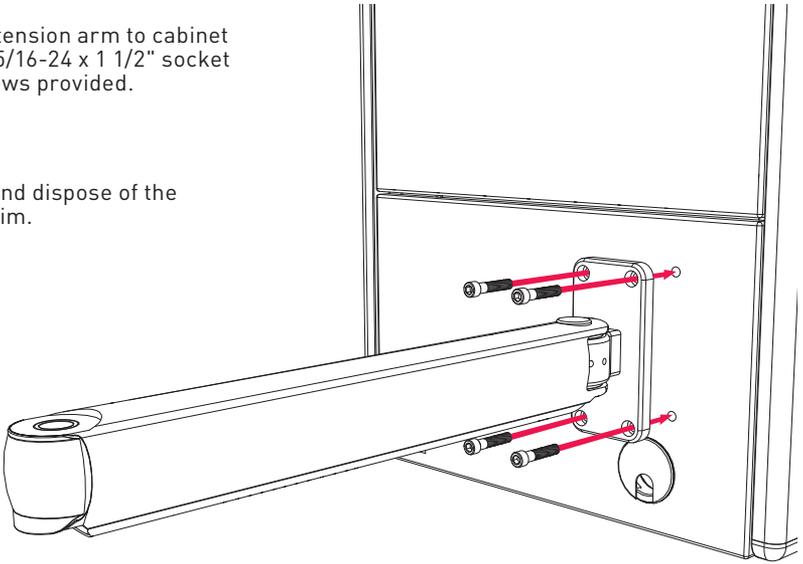


**STEP 4**

Mount extension arm to cabinet using (4) 5/16-24 x 1 1/2" socket head screws provided.

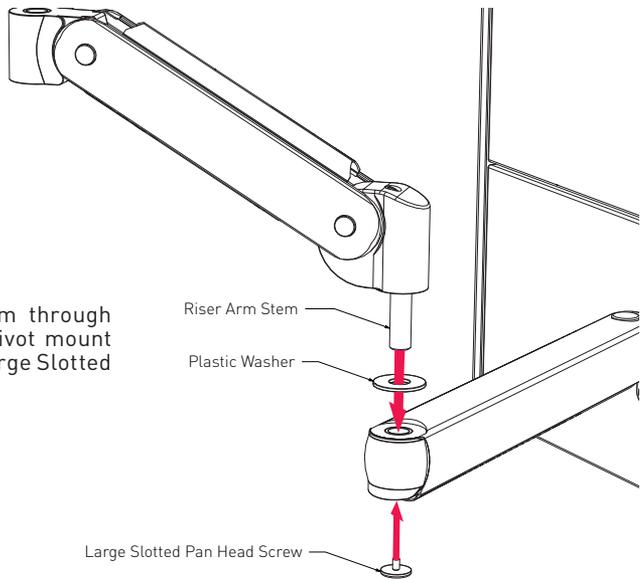
**STEP 5**

Remove and dispose of the plastic shim.



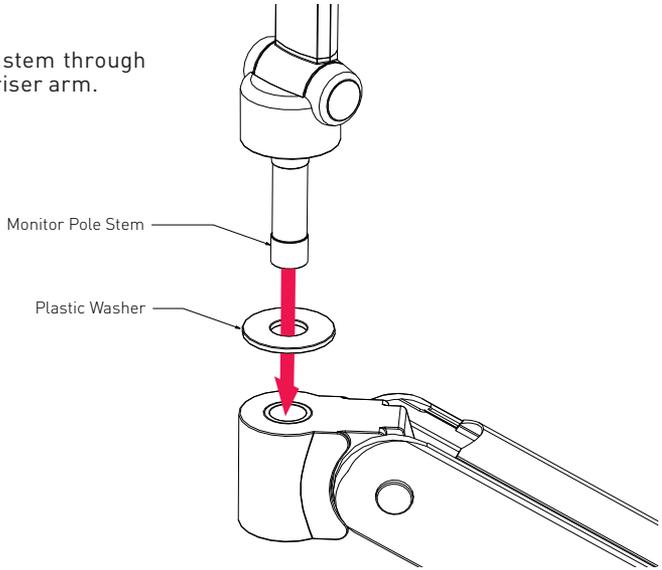
**STEP 6**

Insert riser arm stem through plastic washer into pivot mount and secure with (1) Large Slotted Pan Head Screw.



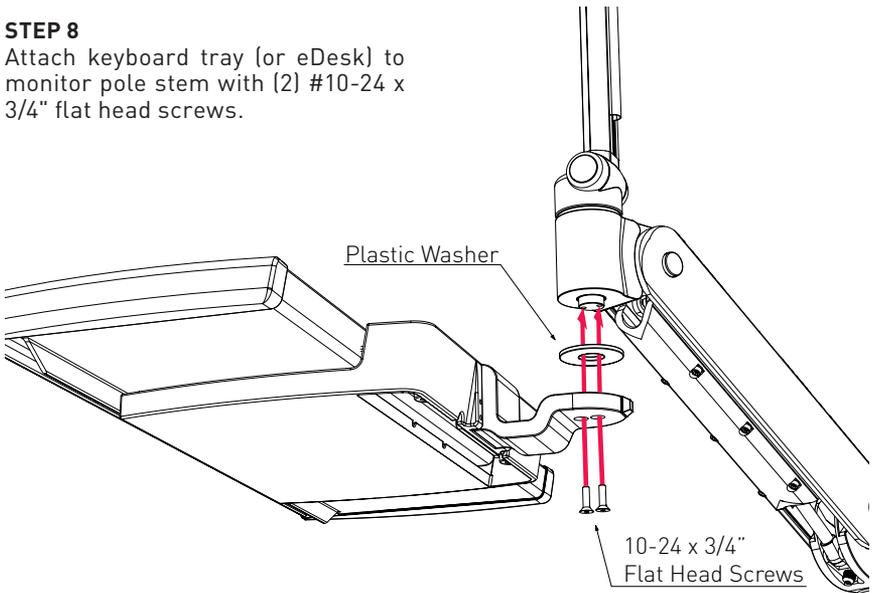
**STEP 7**

Insert monitor pole stem through plastic washer into riser arm.



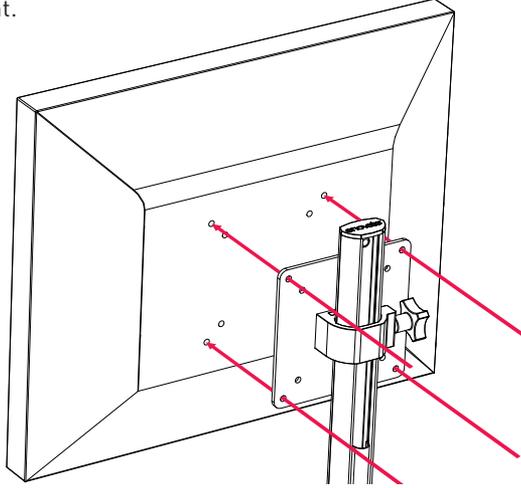
**STEP 8**

Attach keyboard tray (or eDesk) to monitor pole stem with (2) #10-24 x 3/4" flat head screws.

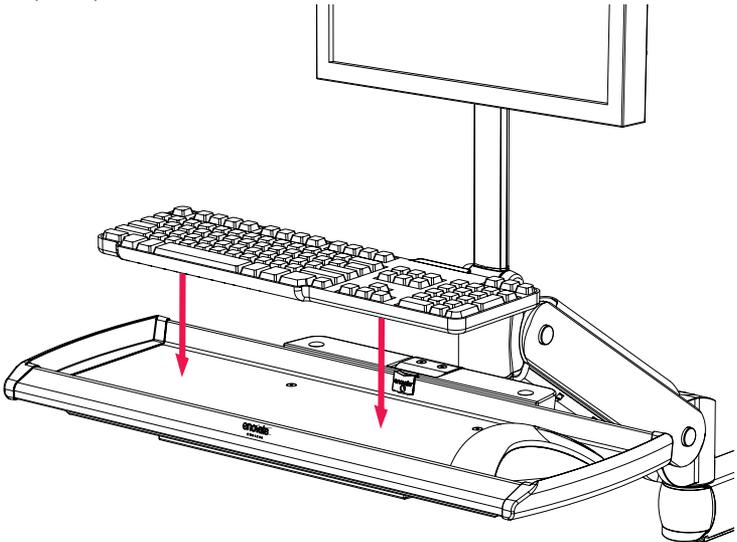


**MOUNTING THE MONITOR**

Secure monitor to VESA plate with (4) M4 x 12mm button head screws provided. Use spacers provided if monitor has a recessed VESA mount.

**MOUNTING THE KEYBOARD**

Mount keyboard to keyboard tray using dual lock pads provided.

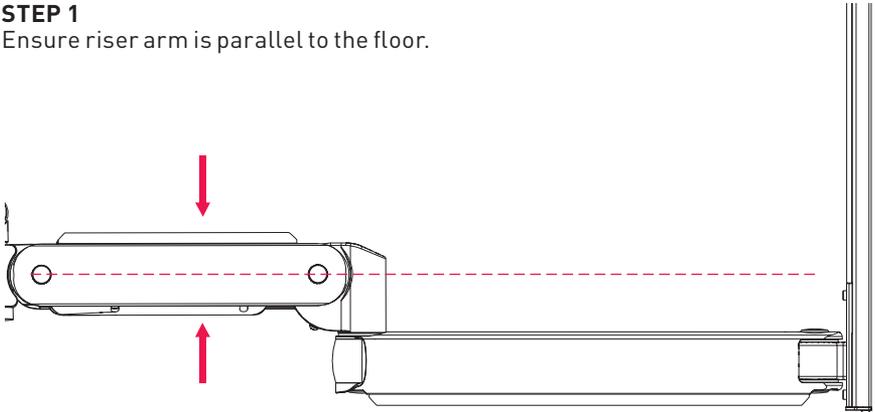


# Adjustments

## RISER ARM TENSION ADJUSTMENT

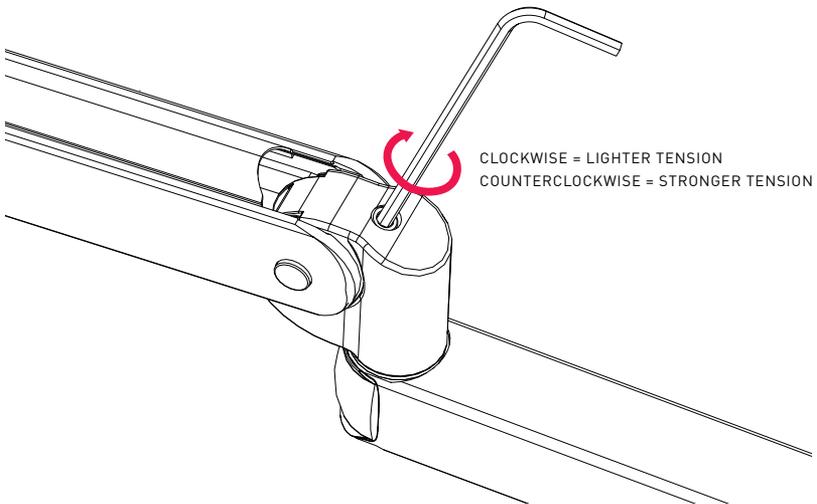
### STEP 1

Ensure riser arm is parallel to the floor.



### STEP 2

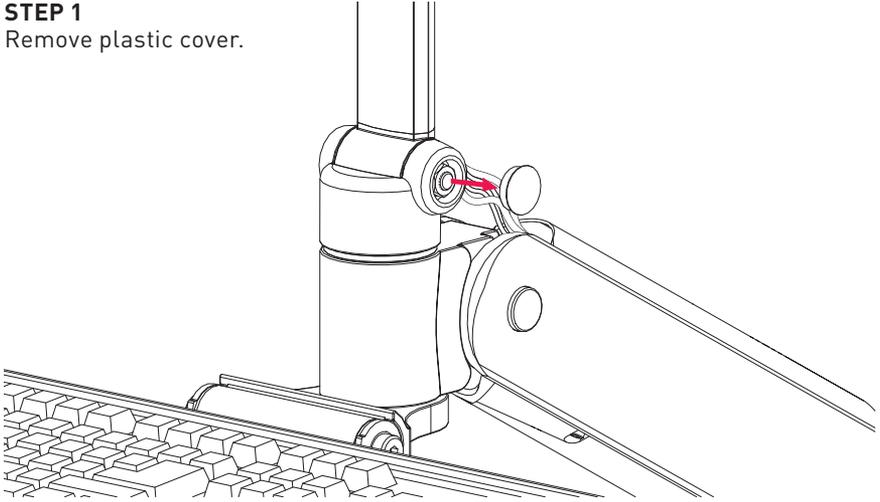
Using 5/16 allen wrench adjust screw clockwise or counterclockwise.



## MONITOR POLE TENSION ADJUSTMENT

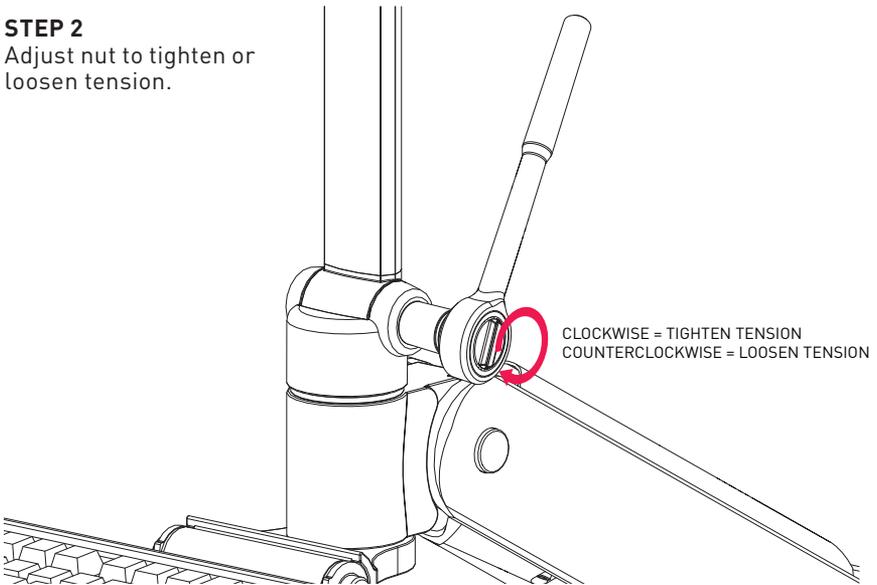
### STEP 1

Remove plastic cover.

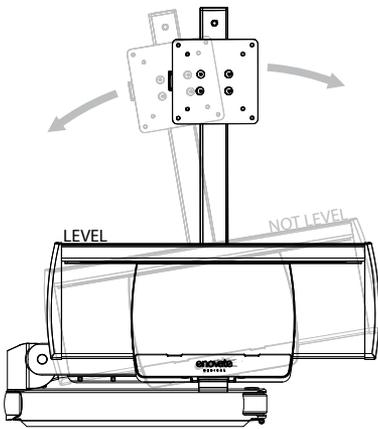


### STEP 2

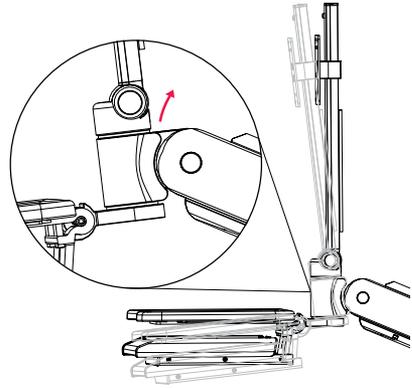
Adjust nut to tighten or loosen tension.



## WORK SURFACE AND MONITOR LEVELING



Movement when folded



Movement when extended

### STEP 1

Lower riser arm to access set screws.

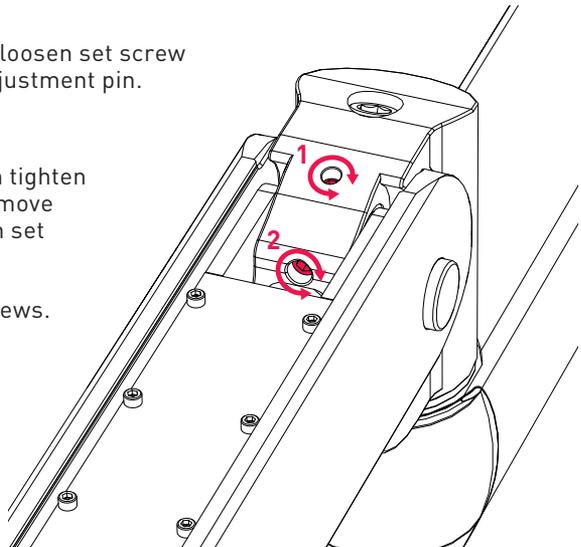
### STEP 2

Using a 1/8" allen wrench loosen set screw #1, this will unlock the adjustment pin.

### STEP 3

Using a 4mm allen wrench tighten or loosen set screw #2 to move adjustment pin. Re-tighten set screw #1.

Do not over tighten set screws.

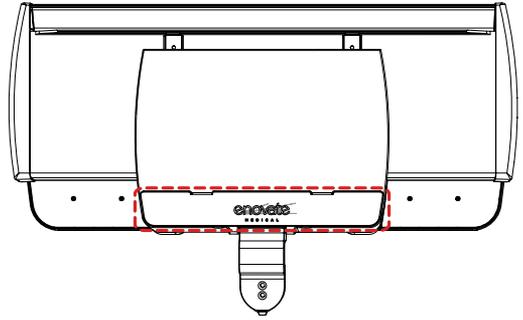


**KEYBOARD TILT****STEP 1**

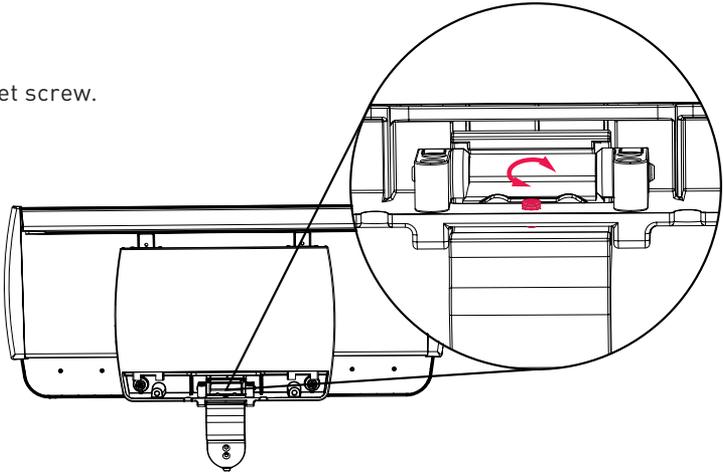
Fold eDesk to stored position.

**STEP 2**

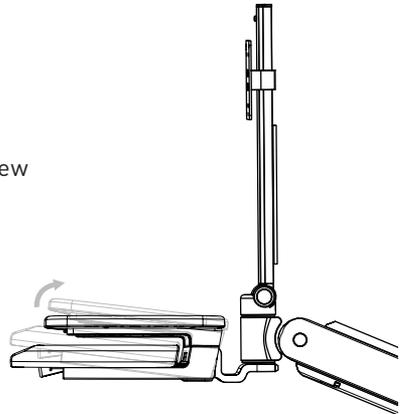
Remove plastic cover plate.

**STEP 3**

Locate the set screw.

**STEP 4**

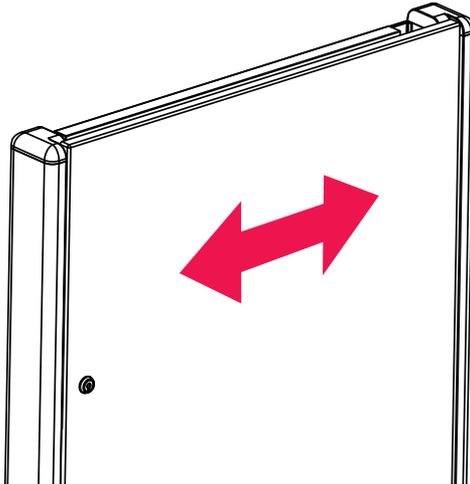
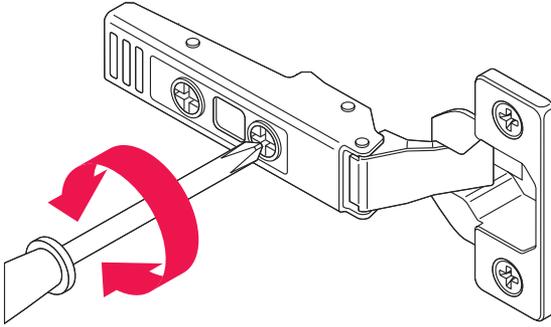
Using a 1/8" allen wrench turn the set screw clockwise to the desired position.



## ADJUSTING THE CPU DOOR HINGES FOR PROPER DOOR ALIGNMENT

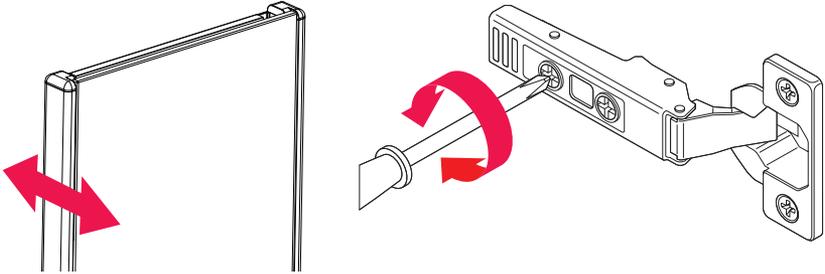
### STEP 1

Side Adjustment: Turn front screw to increase or decrease door overlay.



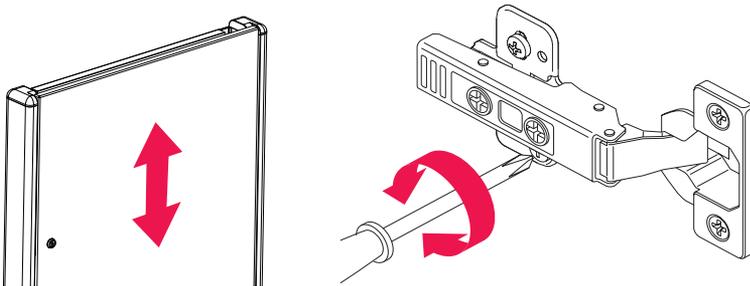
## STEP 2

Depth Adjustment: Turn rear spiral-tech cam screw to adjust door position.



## STEP 3

Height Adjustment: Rotate cam screw on plate to adjust door position.



---

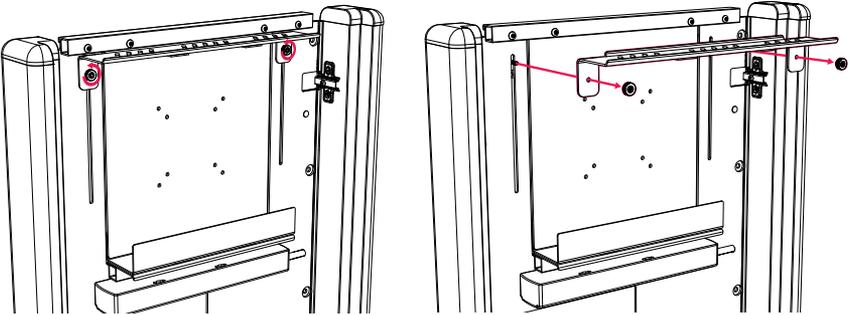
# Universal CPU Bracket

The e130 is equipped with a universal CPU bracket that will accommodate CPU's with maximum dimensions of 10"x10.6"x2.6". Using the following guides determine which of the 3 mounting methods will work best for you.

## OPTION 1: VESA MOUNTING

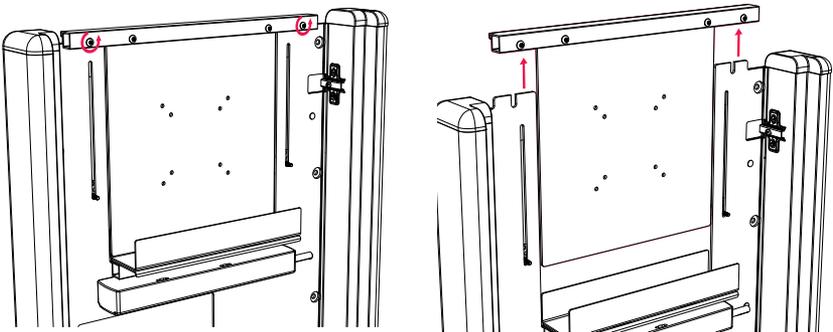
### STEP 1

Loosen and remove thumb screws then remove top CPU bracket. (Keep parts for future use)



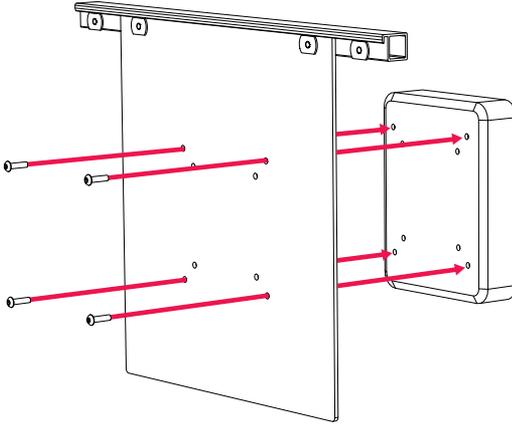
### STEP 2

Loosen (DO NOT REMOVE) screws on hanger rail then remove from unit.



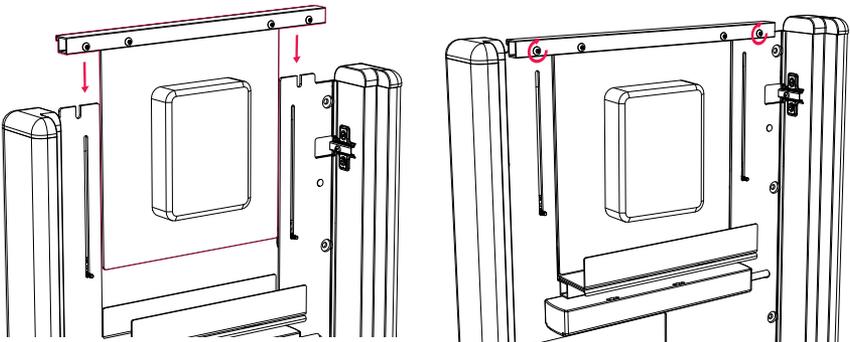
**STEP 3**

Attach CPU to vesa plate (Screws provided with CPU).



**STEP 4**

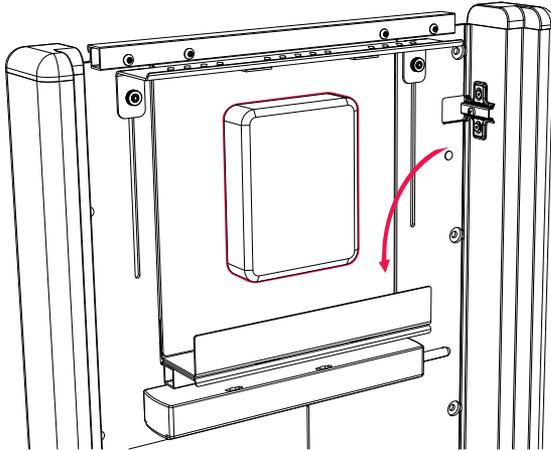
Press hanger rail onto backer panel then tighten screws.



## OPTION 2: SET-IN MOUNTING

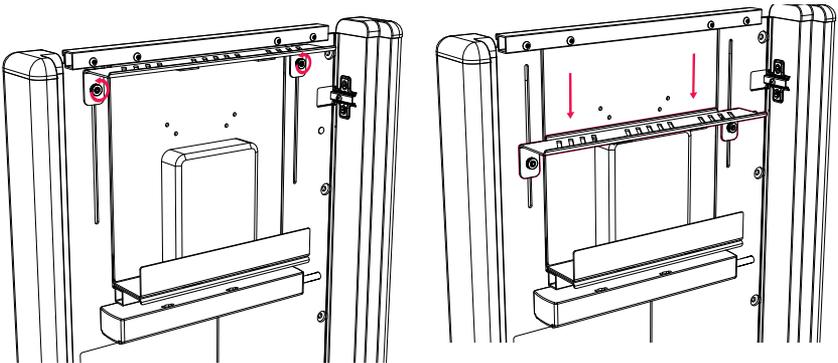
### STEP 1

Place CPU onto bottom bracket.



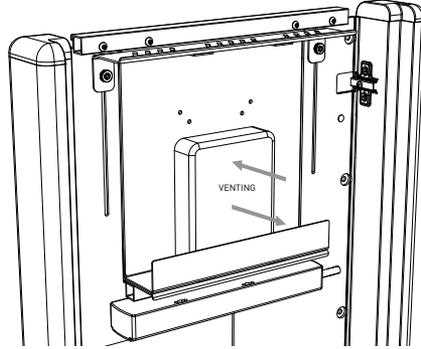
### STEP 2

Loosen (DO NOT REMOVE) thumb screws and slide top bracket down against CPU then tighten thumb screws.



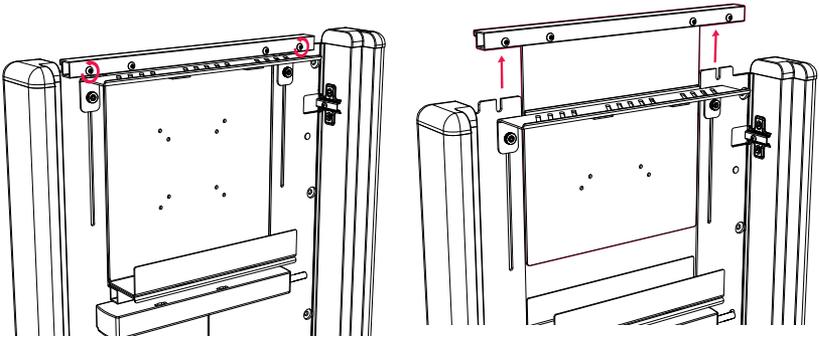
## VENTING

**NOTE:** If your CPU has venting from front to back or vice versa as shown the VESA plate should be removed prior to placing CPU onto bottom bracket. See steps 3 & 4 to remove VESA plate.



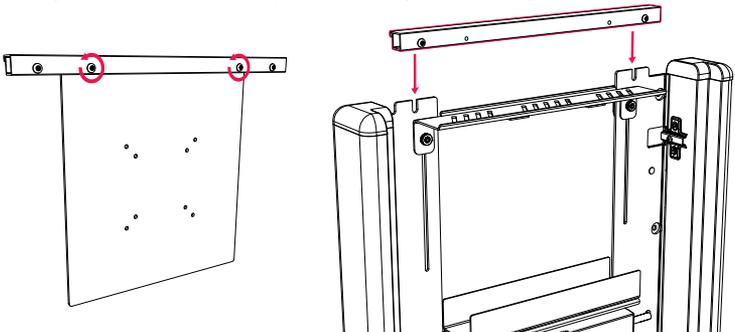
### STEP 3

Loosen (DO NOT REMOVE) screws on hanger rail then remove from unit.



### STEP 4

Remove screws and nuts to allow VESA plate to detach from hanger rail then press hanger rail onto backer panel and tighten screws.

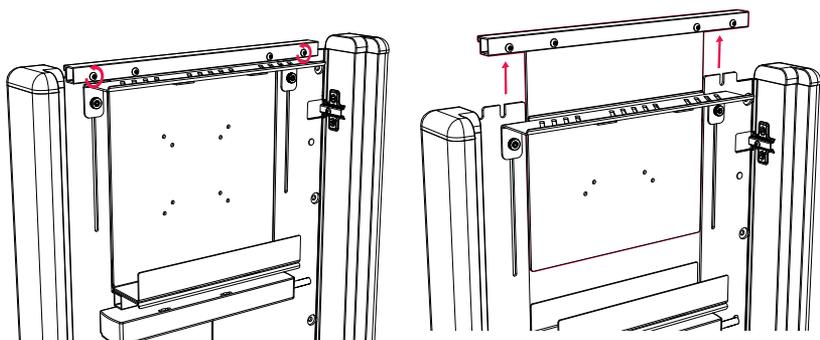


### OPTION 3: LARGE CPU MOUNTING

**NOTE:** If your CPU is greater than 2.2" in depth you will have to remove the VESA plate and bottom bracket to accommodate your CPU.

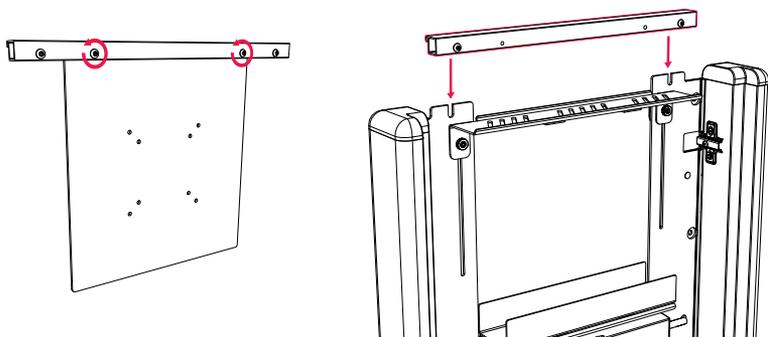
#### STEP 1

Loosen (DO NOT REMOVE) screws on hanger rail then remove from unit.



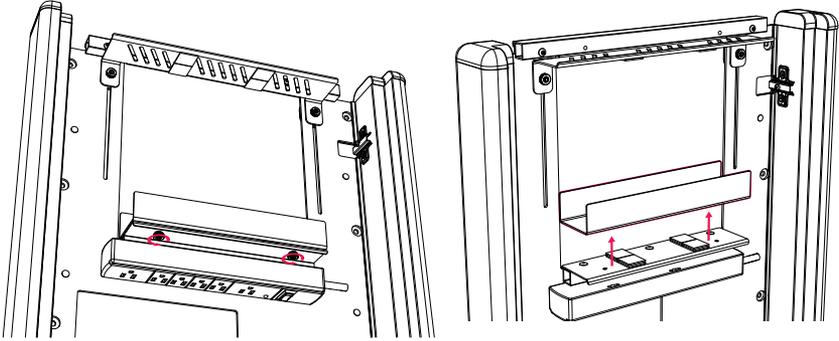
#### STEP 2

Remove screws and nuts to allow VESA plate to detach from hanger rail then press hanger rail onto backer panel and tighten screws.



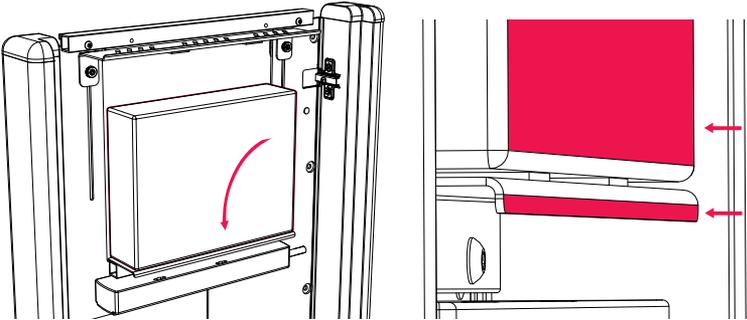
**STEP 3**

Loosen and remove thumb screws below bottom bracket then remove bottom bracket from unit. (Keep parts for future use)



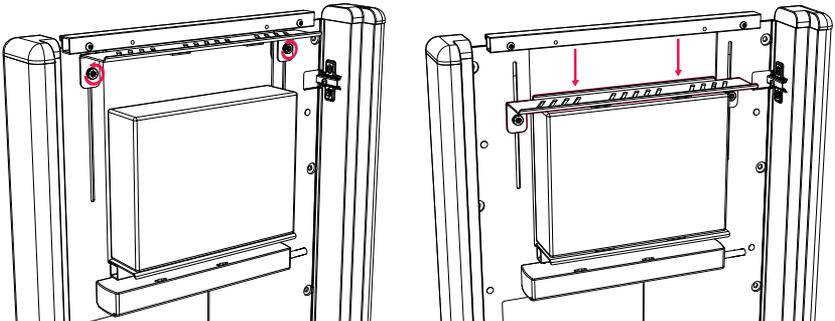
**STEP 4**

Place CPU on to bottom shelf, ensure face of CPU is flush with shelf face.



**STEP 5**

Loosen (DO NOT REMOVE) thumb screws and slide top bracket down against CPU then tighten thumb screws.

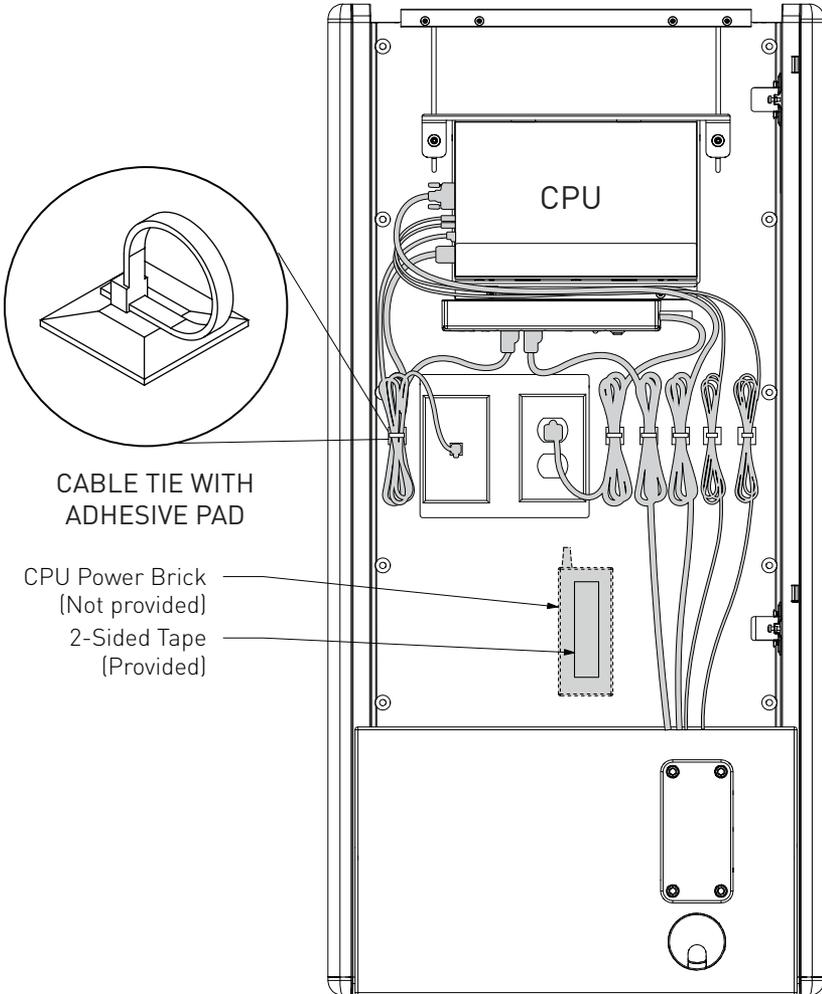


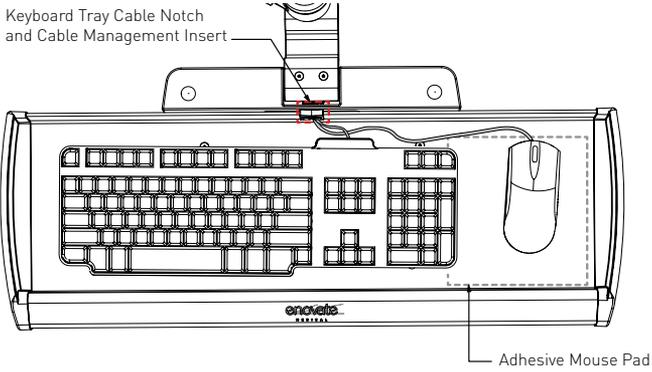
---

# CABLE MANAGEMENT

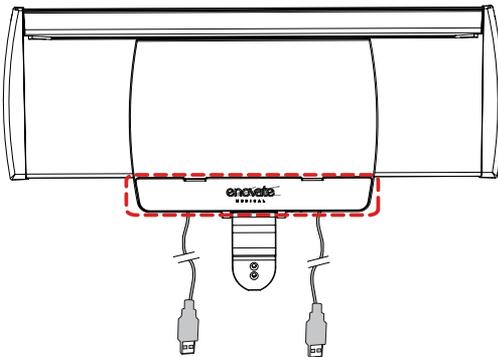
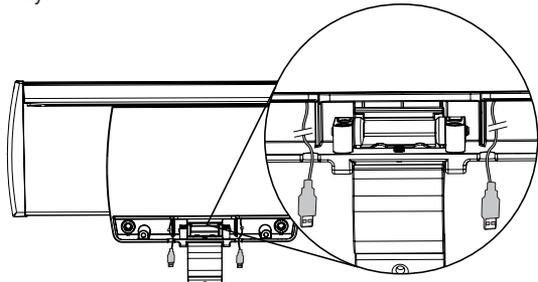
## CABLE MANAGEMENT WITHIN THE CABINET

Secure the wires to the back of the wall station using the self adhesive cable tie pads provided. Use the diagram below as a reference for securing cables within the cabinet.



**STEP 1**

Run the mouse and keyboard cables through the keyboard notch letting them hang out of the bottom of the keyboard tray.

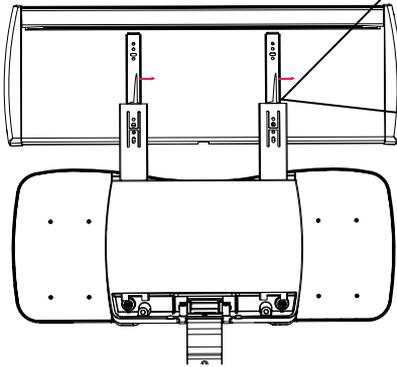
**STEP 2**

Replace the rubber cable management insert and plastic cover plate.

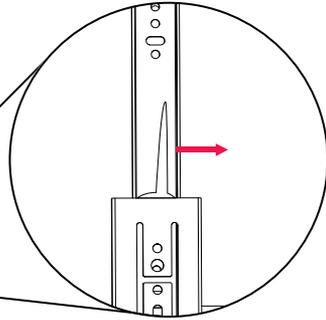
## eDesk CABLE MANAGEMENT

### Option One

(removing the keyboard tray)



(underside of keyboard)



#### STEP 1

Extend keyboard tray.

#### STEP 2

Push the keyboard tray release tabs to the right and remove the keyboard tray.

Continue to step 3 on the next page.

### Option Two

(removing the worksurface)

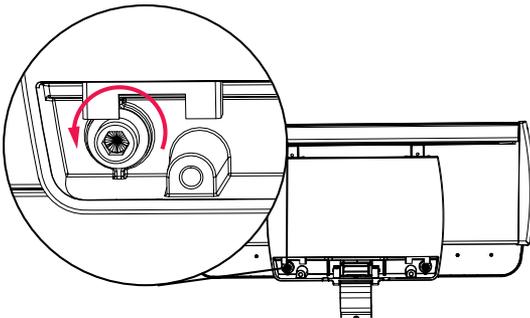
#### STEP 1

Using a 5/16 allen wrench remove the two bolts holding the eDesk in place.

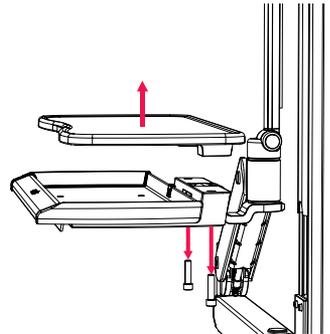
#### STEP 2

Remove eDesk

Continue to step 3 on the next page.

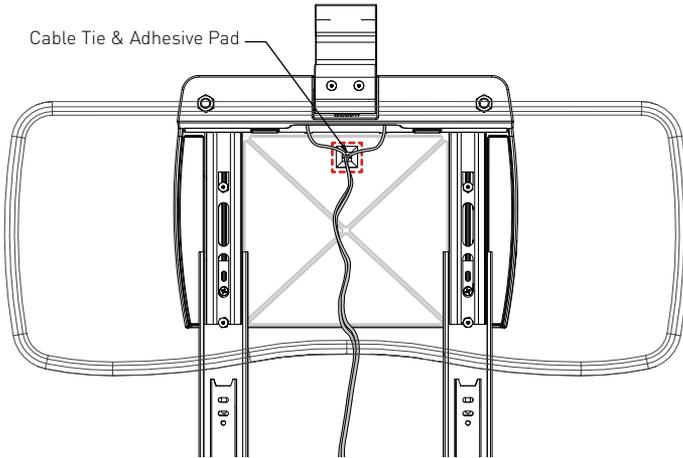


(underside of keyboard)



**STEP 3**

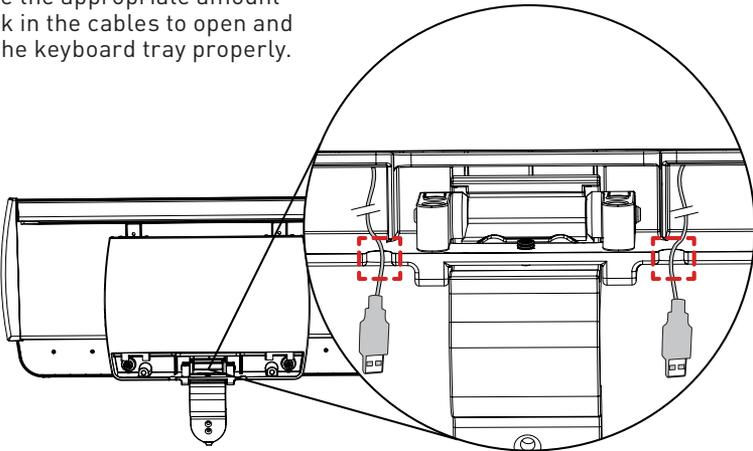
Place adhesive pad with cable tie into place as shown.

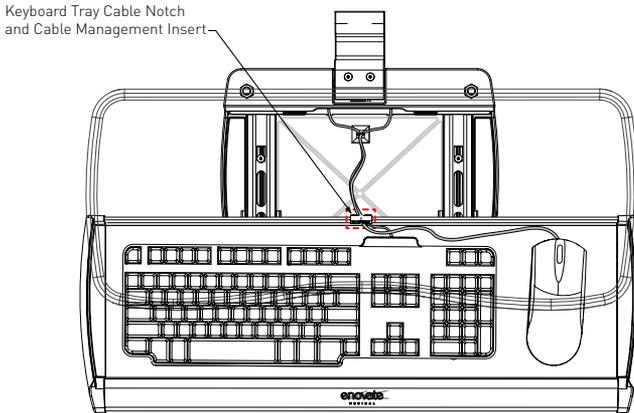
**STEP 4**

Lay the mouse and keyboard cables into place and allow the ends of the cables to hang out of the bottom of the eDesk.

**STEP 5**

Tie cables into place. Take care to leave the appropriate amount of slack in the cables to open and close the keyboard tray properly.





**STEP 6**

Replace the the keyboard tray (if needed) and place the mouse and keyboard into place.

**STEP 7**

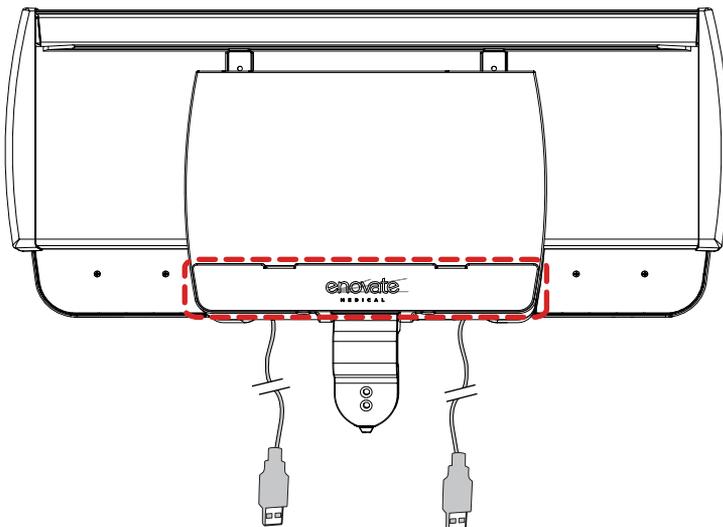
Run the mouse and keyboard cables throught the keyboard notch and replace the rubber keyboard cable management insert.

**STEP 8 (option 2)**

Replace the eDesk (if needed).

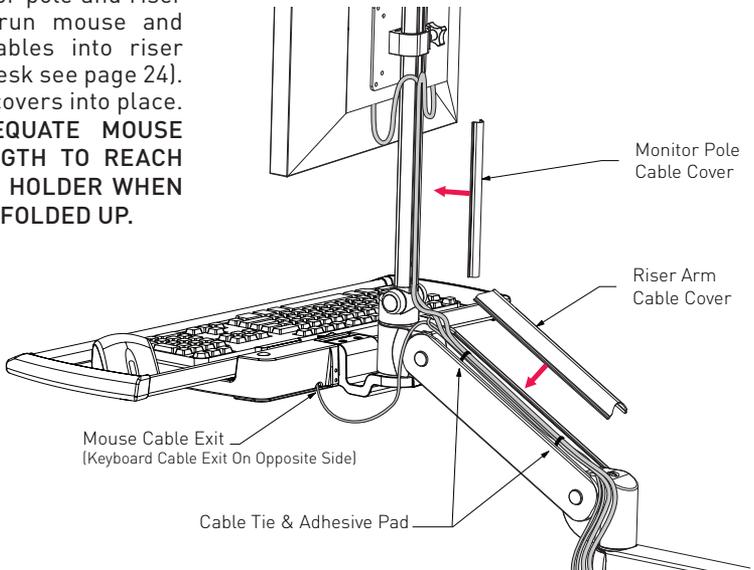
**STEP 9**

Replace the plastic cover plate.

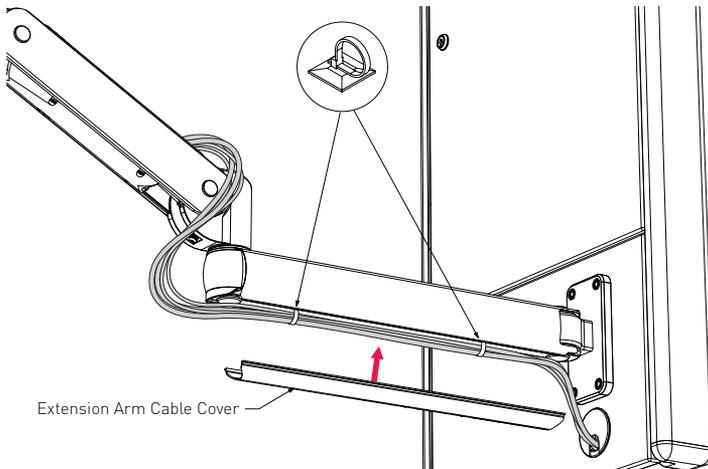


**STEP 1**

Run video and power cables down monitor pole and riser arm. Also run mouse and keyboard cables into riser arm (For eDesk see page 24). Snap cable covers into place. **LEAVE ADEQUATE MOUSE CABLE LENGTH TO REACH THE MOUSE HOLDER WHEN THE ARM IS FOLDED UP.**

**STEP 2**

Run cables along extension arm into cabinet. Snap cable cover into place.



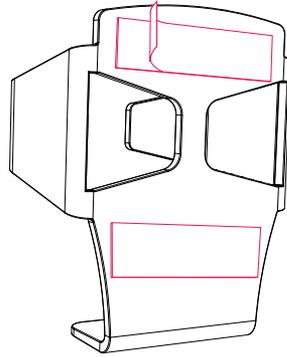
---

# Accessories

## MOUNTING MOUSE HOLDER (STANDARD TRAY)

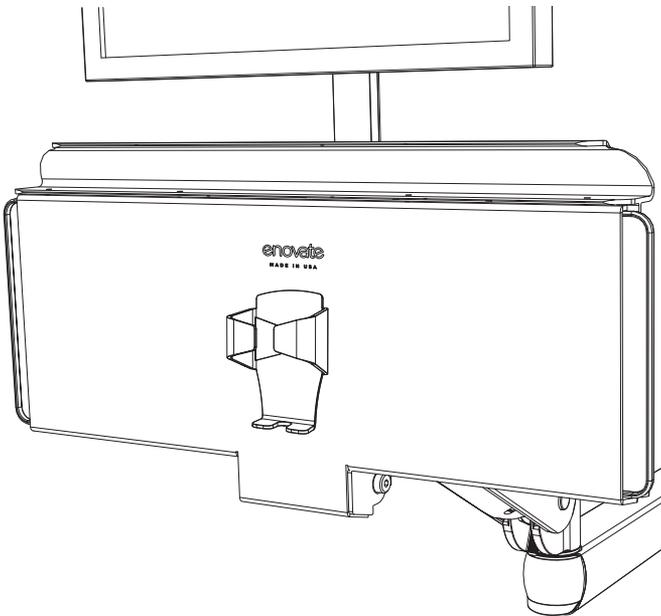
### STEP 1

Peel backing from two-sided tape on back of mouse holder.



### STEP 2

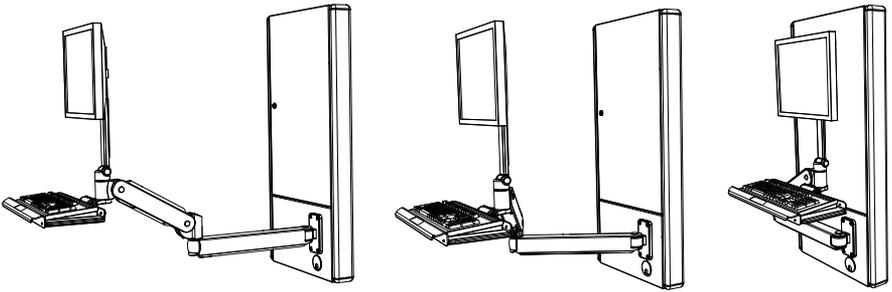
Place mouse holder on keyboard tray as shown below.



---

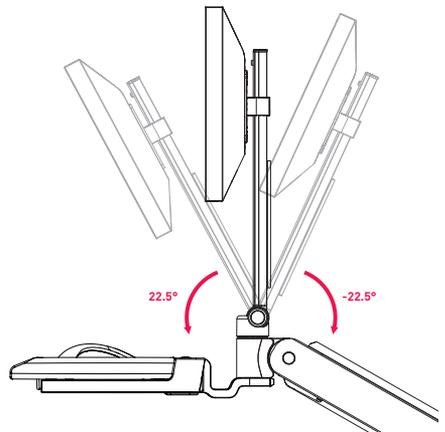
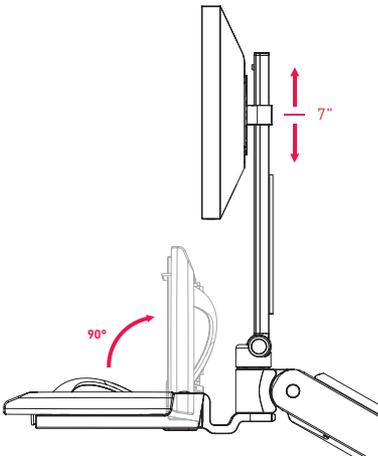
# Movement

## ARM EXTENSION



## KEYBOARD TILT

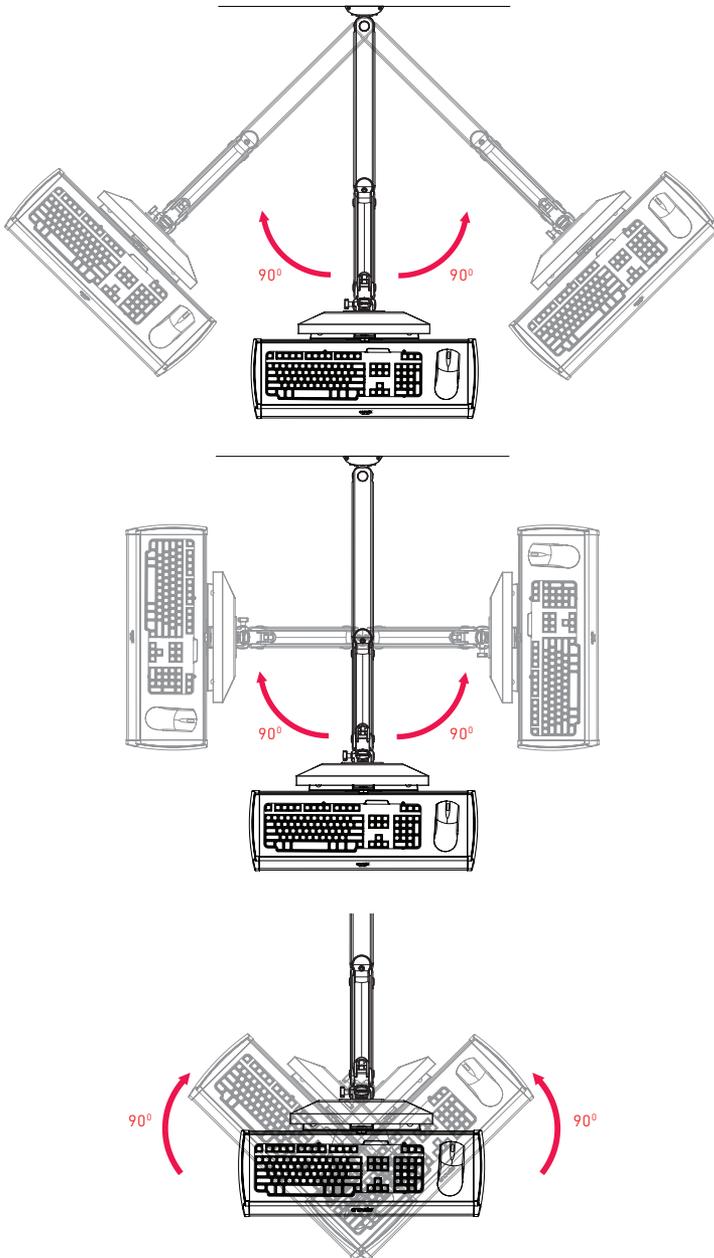
## MONITOR TILT



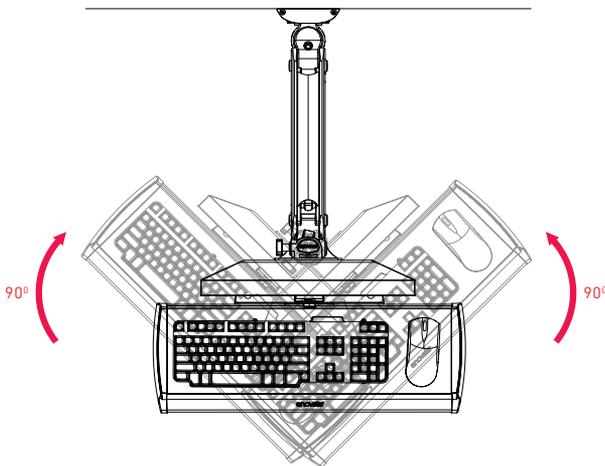
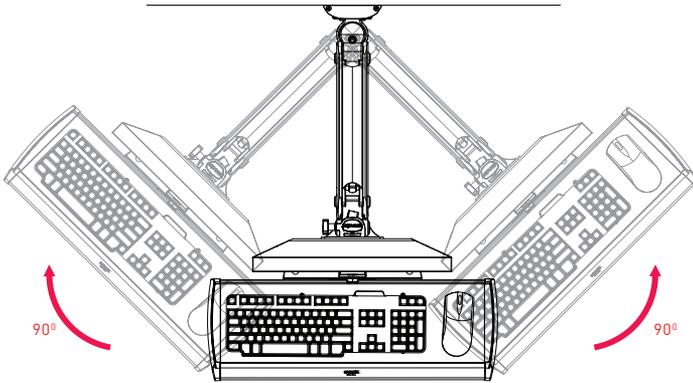
## KEYBOARD TILT

## MONITOR TILT

### RANGE OF MOVEMENT (WITH EXTENSION ARM)



**RANGE OF MOVEMENT (NO EXTENSION ARM)**



---

---

---



1152 Park Avenue  
Murfreesboro, TN 37129  
p. (888)909-8930 f. (615)896-8906

[www.enovatemedical.com](http://www.enovatemedical.com)  
[support@enovatemedical.com](mailto:support@enovatemedical.com)

©2013 Enovate Medical LLC. All Rights Reserved