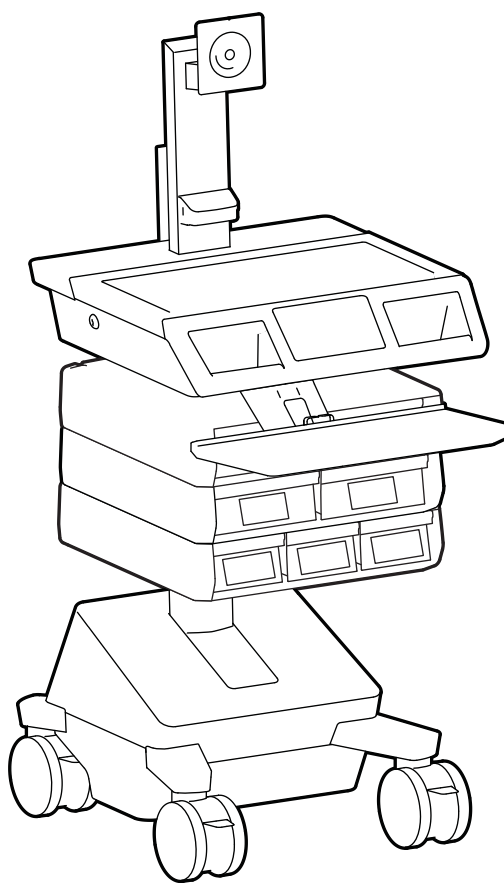
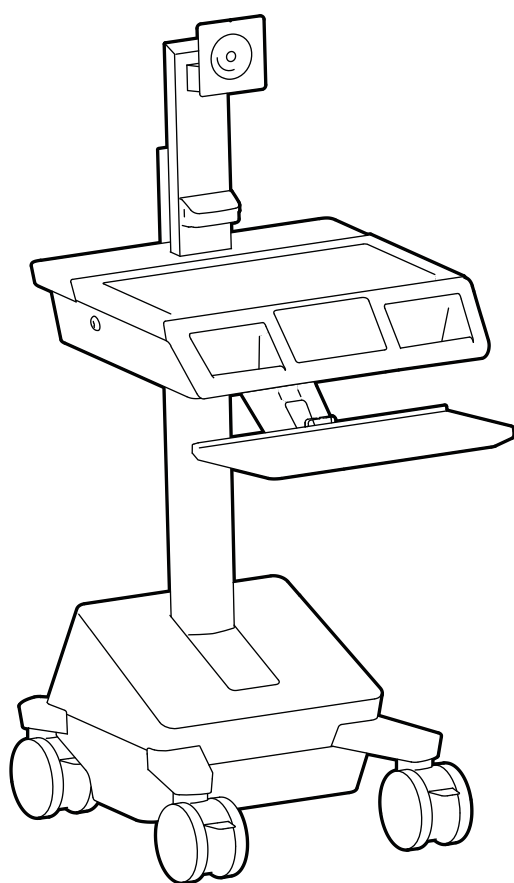




# MOD Cart™

## Mobile Workstation, Powered



Includes  
Constant Force™  
Technology

MOD cart powered carts provide electrical AC power for mobile point of care computing equipment in a healthcare environment. The carts are not intended to power medical products or devices. Outlets are provided to power information technology equipment only such as computer equipment and computer peripherals.

## English



For the latest User Installation Guide please visit: [www.ergotron.com](http://www.ergotron.com)

English, Español, Français, Deutsch, Nederlands, Italiano, Svenska, 日本語, 汉语

[www.ergotron.com](http://www.ergotron.com) | USA: 1-800-888-8458 | Europe: +31 (0)33-45 45 600 | China: 400-120-3051 | Japan: [japansupport@ergotron.com](mailto:japansupport@ergotron.com)

Table of Contents

Safety ..... 3 - 4

Getting to Know Your Cart..... 5

Specifications .....6

Set-up ..... 7 - 20

    Adjustment..... 10, 11, 18

Ergonomics.....21

Change Batteries..... 22 - 23

Cart Storage .....24

Safety ..... 24 - 26

Cleaning and Maintenance.....26

Specifications .....27

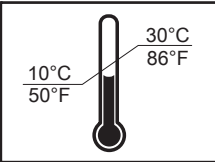
Touch Screen Control Panel ..... Refer to Touch Screen guide for instructions

Safety

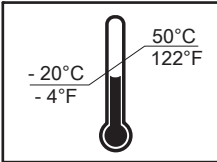
Hazard Symbols Review

These symbols alert users of a safety condition that demands attention. All users should be able to recognize and understand the significance of the following Safety Hazards if encountered on the product or within the documentation. Children who are not able to recognize and respond appropriately to Safety Alerts should not use this product without adult supervision!

Symbol	Signal Word	Level of Hazard
	INSTRUCTIONS	Refer to instruction manual/booklet. Follow instructions for use.
	CAUTION	A CAUTION indicates either potential damage to hardware or loss of data and tells you how to avoid the problem.
	WARNING	A WARNING indicates either potential for property damage, personal injury, or death.
	DANGER	A DANGER indicates a hazardous situation that, if not avoided, will result in death or serious injury.
	DO NOT PUSH	Do Not push any part of cart other than the handle, cart may tip. Follow 'Moving' instructions in 'Ergonomics' section.



Operational  
Temperature Range



Storage  
Temperature Range



Relative Humidity Range

**WARNING**  
**AVERTISSEMENT**

**IMPACT HAZARD!**  
**MOVING PARTS CAN CRUSH AND CUT.**  
Failure to heed this warning may result in serious personal injury or property damage!  
Minimize Lift Tension BEFORE:  
Removing Mounted Equipment, Shipping Cart, Storing Cart.

**DANGER D'IMPACT !**  
**LES PARTIES EN MOUVEMENT PEUVENT ÉCRASER ET COUPER.**  
Il existe un risque de blessure corporelle ou d'endommagement matériel en cas de non respect de cet avertissement.  
Minimisez la tension d'élévation AVANT :  
de retirer l'équipement fixé, d'expédier le chariot, de stocker le chariot

**www.ergotron.com**

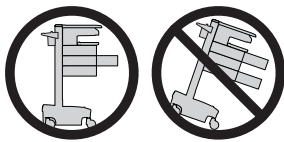
826-501



**IMPORTANT!** This product will need tension adjustments once installation is complete. Make sure all equipment is properly installed on the product before attempting range of motion or tension adjustments. Any time equipment is added or changed on this product resulting in a different mounted weight, you should repeat the adjustment steps to ensure safe and optimum operation. This product should move smoothly and easily through the full range of motion and stay where you set it. If movement is difficult or the product does not stay where you set it, follow the adjustment instructions to loosen or tighten the tension to create a smooth, easy motion. Depending on your product and the adjustment, it may take many turns to notice a difference.



**DANGER!** Electrical cables can be hazardous. Misuse can result in fire or death by electrical shock.



**CAUTION:** Open only one drawer at a time. Do Not push cart when drawers are open. Failure to follow these instructions may cause the cart to be unstable.

# Safety



## Safety Alerts Associated with this Product

The following Warnings/Cautions appear in this reference guide or on the cart:

NOTE: Failure to adhere to these guidelines may result in equipment damage or personal injury.

CAUTION: The lift brake helps stabilize the worksurface and keyboard tray during normal use but it DOES NOT increase load capacity. DO NOT load riser with equipment totaling more than the maximum weight capacity specified by Ergotron. Ensure optimum lift function by testing and if necessary, re-adjusting tension whenever the weight mounted to the riser changes (i.e., equipment is removed or added). See "Set Riser Lift Tension" adjustment instructions.

CAUTION: Do not operate Cart with missing or damaged components! Do not remove, modify or substitute Cart components without consulting Ergotron. If you encounter problems with Cart installation or operation, contact Ergotron Customer Care.

CAUTION: DO NOT overtighten fasteners. Overtightening may cause damage to your equipment.

WARNING: Stored Energy Hazard: The worksurface lift mechanism is under tension and will move up rapidly, on its own, as soon as attached equipment is removed.

For this reason, DO NOT remove equipment unless the worksurface has been moved to the highest position on the tower! Failure to follow this instruction may result in serious personal injury and/or equipment damage! When Shipping the cart, set the worksurface lift mechanism to the lowest tension setting.

CAUTION: DO NOT loosen, tighten or remove any other nuts or bolts on the riser or top of tower. Tampering with nuts or bolts may result in an unstable Cart, leading to equipment damage and/or personal injury.

CAUTION: Release Lift Brake before moving work surface! Moving work surface while Lift Brake is engaged may cause serious damage to Lift Engine.

WARNING: In the event that repair of the Cart is needed, contact Ergotron Customer Care immediately. Cart repair can only be performed by Ergotron, Inc. or by an Ergotron authorized agent.

WARNING: This cart is not intended for use in a flammable, anesthetic mixture or oxygen rich environment.



WARNING: In rare cases, if the power system and battery protection features fail, the battery may become overcharged and in some instances it may become extremely hot, possibly melting the plastics and releasing smoke. If a battery begins to smoke or melt:

- Unplug the cart, or if possible disconnect the battery from the power system immediately.
- Move the cart to a well ventilated area.
- Use a Carbon Dioxide, Dry Chemical or appropriate foam fire extinguisher to spray the hot battery.

If a fire extinguisher is not available, use copious amounts of water, or cover the battery with sand.

If exposed to battery contents seek immediate medical attention and follow the below guidelines.

Exposure to vapor released from the battery is irritating to the eyes, skin, mucous membranes and respiratory tract. This may cause nausea, dizziness and headache.

In case of direct contact to the battery's electrolyte:

- Immediately flush eyes with water for at least 15 minutes.
- Thoroughly rinse hands and other affected areas with water.
- Promptly remove and wash any contaminated clothing.

In All Cases, Seek Immediate Medical Attention!



## Configuration & Safety

Additional multiple socket-outlet or extension cord shall not be connected to the medical system.

When used in a Medical Electrical system, connect only equipment that complies with IEC, ISO, UL/ANSI, or CSA standards that are relevant to that equipment.

Risk of shock or personal injury when connecting non-medical equipment supplied as part of a system directly to the wall outlet when non-medical equipment is intended to be supplied by the multiple socket outlet.

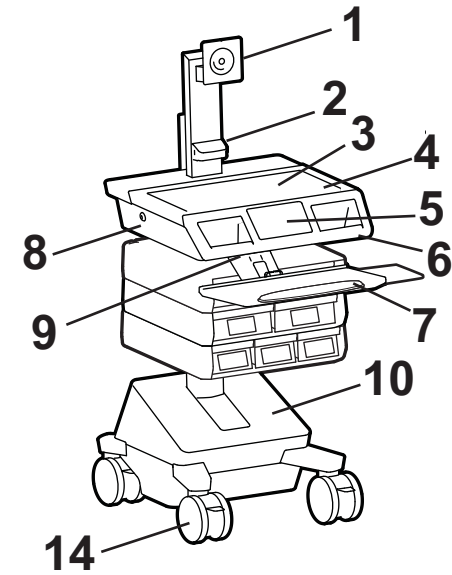
Risk of shock or personal injury when connecting any equipment that has not been supplied as part of the medical system to the multiple socket outlet.

WARNING: Use of this equipment adjacent to or stacked with other equipment should be avoided because it could result in improper operation. If such use is necessary, this equipment and the other equipment should be observed to verify that they are operating normally.

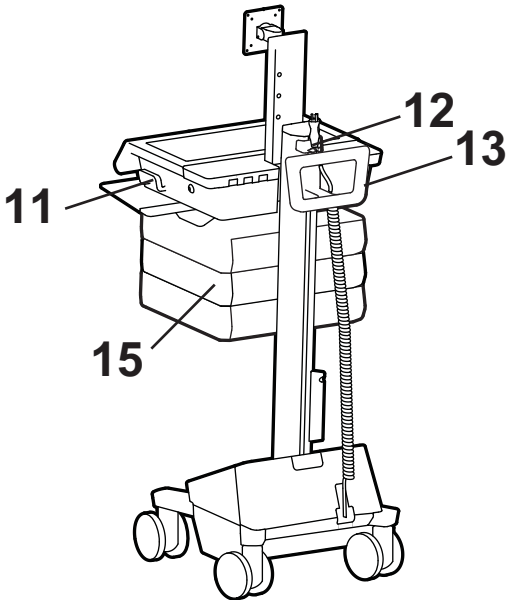
WARNING: Use of accessories, transducers and cables other than those specified or provided by the manufacturer of this equipment could result in increased electromagnetic emissions or decreased electromagnetic immunity of this equipment and result in improper operation.

WARNING: Portable RF communications equipment (including peripherals such as antenna cables and external antennas) should be used no closer than 30 cm (12 inches) to any part of the Medical Electrical system, including cables specified by the manufacturer. Otherwise, degradation of the performance of this equipment could result.

Getting to Know Your Cart



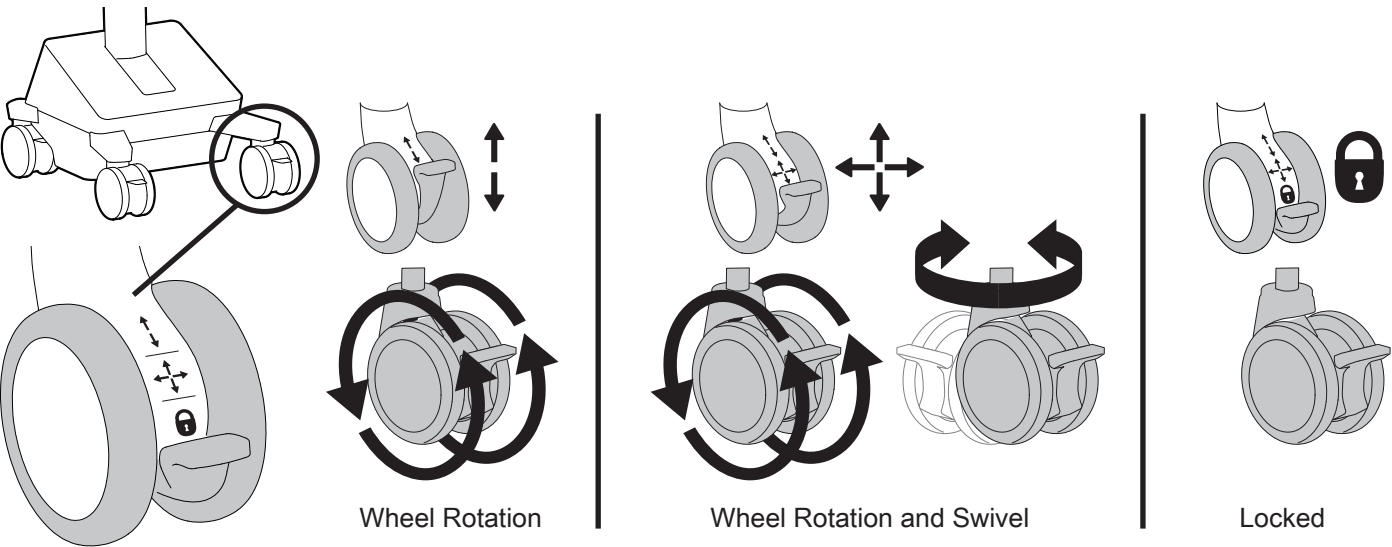
- 1. LCD Mount for LCDs or Tablet PC's with 75x75 or 100x100 mm Mounting Interface Provides Lift, Tilt, Pan, and P/L Rotation, with option to lock Lift (for increased weight capacity), Tilt, and P/L Rotation
- 2. Worksurface light with USB charging port
- 3. Worksurface with removable document cover
- 4. Badge Scanning location for customer supplied RFID
- 5. Touch Screen Contol Panel Controls all Lights, Power System on/off, Displays Battery Charge Levels, and provides Low Battery Charge warning. Refer to Touch Screen guide for instructions.
- 6. Front Handle
- 7. Keyboard Tray, mouse pouch, and Wrist Rest. Slides Out, Pans, and Allows for Right or Left Mousing
- 8. Secure Storage for CPU, Cable Management, Excess Cables, 3 Port USB Hub, 4 Power Cord Receptacles for AC or 3 Channels for DC, and Removable Top/Worksurface
- 9. Keyboard Lights
- 10. Internal Battery
- 11. Height Adjustment Brake Release
- 12. Power Cord and Hook
- 13. Rear Handle
- 14. Four Locking Casters with one 3 Function Caster - Locks Swivel or Rotation and Swivel
- 15. Optional Auto-Lock Drawers



Part Number	Power System
MC20-111XXXX-1	Input: 120 V~, 60 Hz, 5.0A Output: 120V~, 60HZ, 150W, 150VA The cart and power system are certified to ANSI/AAMI ES60601-1 and CAN/CSA-C22.2 No. 60601-1
MC20-211XXXX-1	Input: 120 V~, 60 Hz, 5.0A Output: 150W Total. 5-24V = 5A max The cart and power system are certified to ANSI/AAMI ES60601-1 and CAN/CSA-C22.2 No. 60601-1

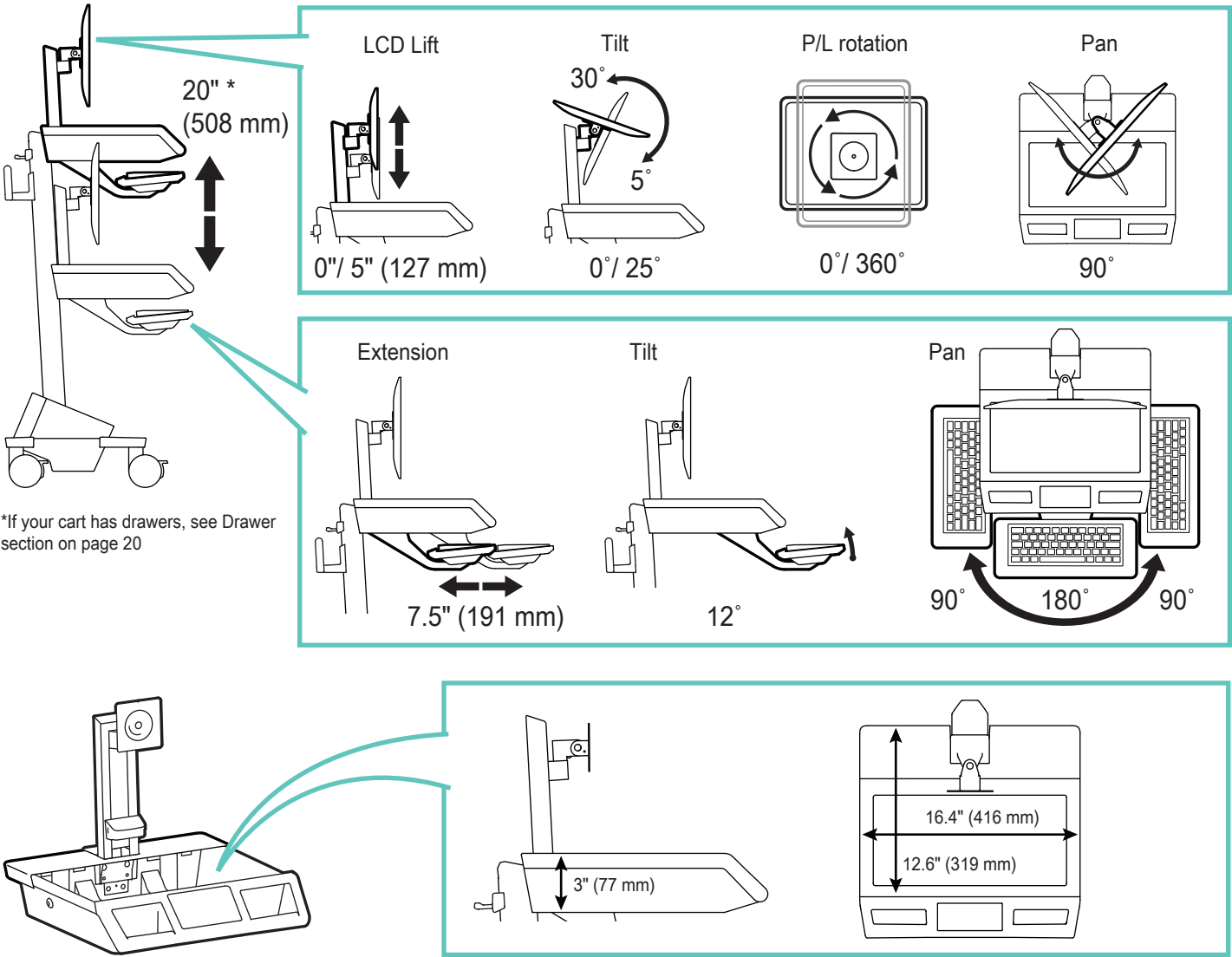
14

3 Function Caster

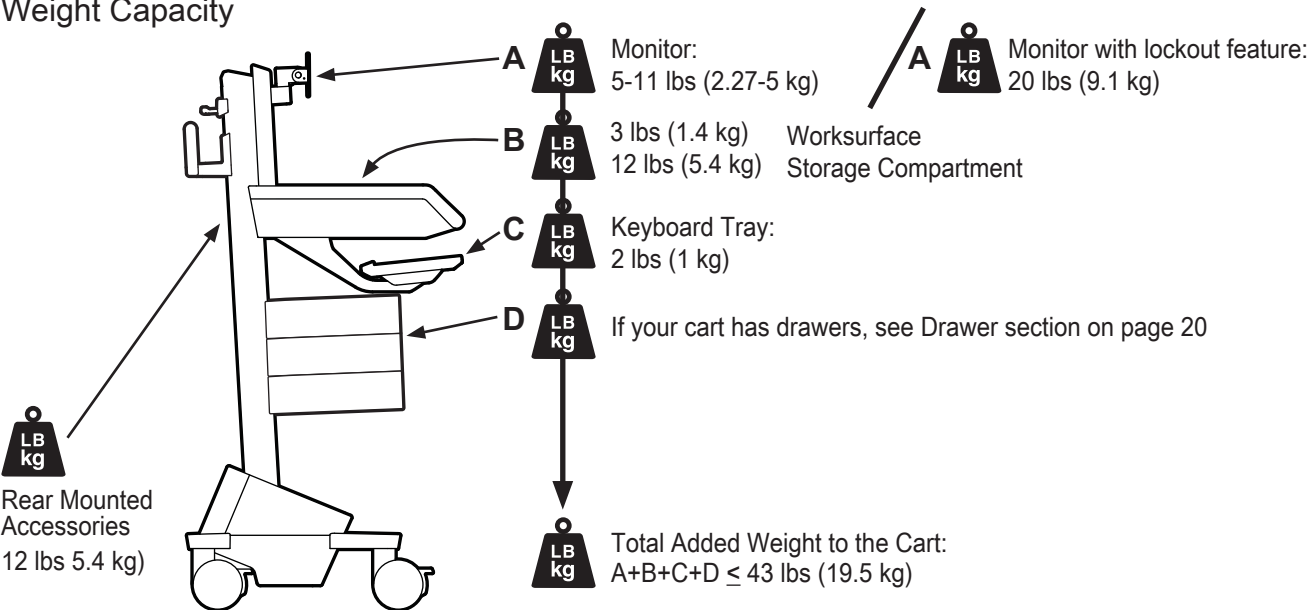


Specifications

Range of Motion



Weight Capacity





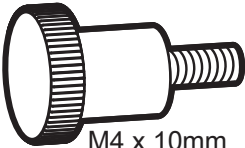







**CAUTION:** DO NOT EXCEED MAXIMUM LISTED WEIGHT CAPACITY. SERIOUS INJURY OR PROPERTY DAMAGE MAY OCCUR!

Set-up

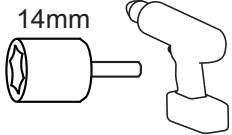
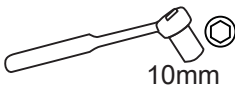
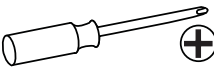


Components

	A	B	C	D
1	1x 	3x 	1x 	1x 
2	4x  M4 x 10mm	6x  M4 x 10mm	1x  M4 x 5mm	1x  M4 x 8mm
3	6x 			1x 



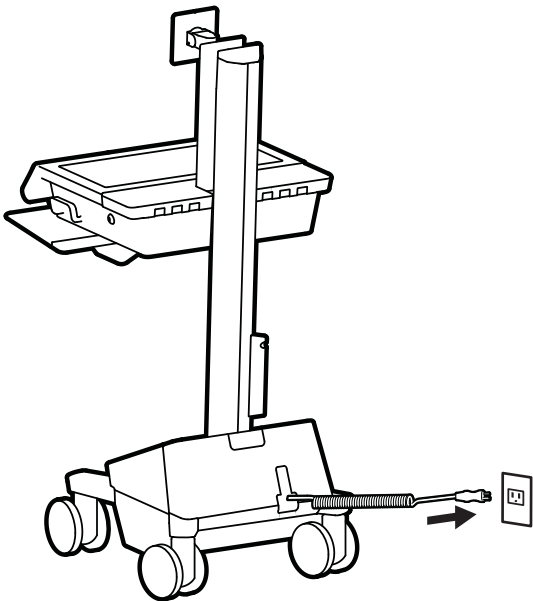
Tools Needed



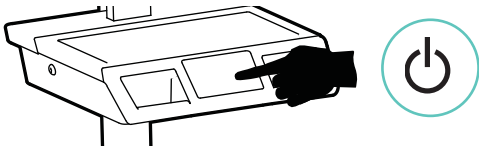
Set-up

1

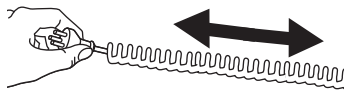
Plug cart into power outlet and turn cart power on to charge to 100% before use.  
Cart does not charge when turned off.



Refer to Touch Screen guide for instructions

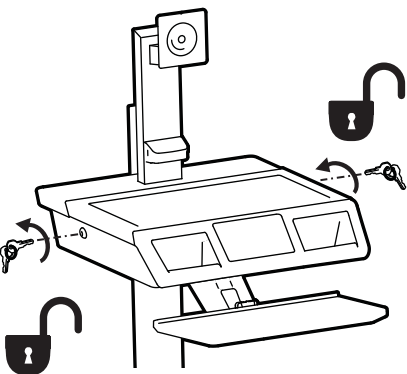


Do Not stretch coiled cord further than 6 feet (1.8 meters),  
damage to the cord may occur.

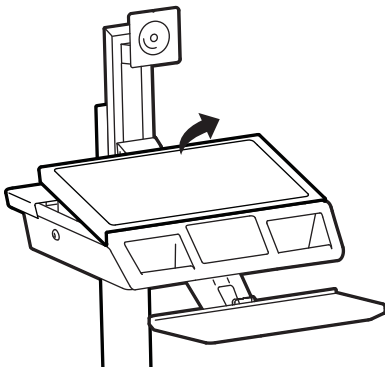


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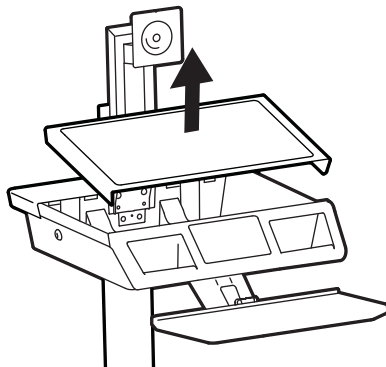
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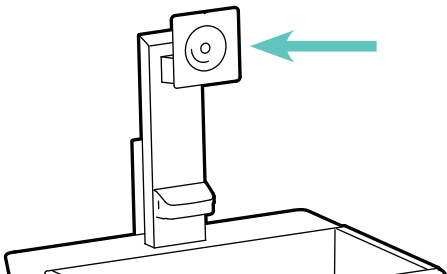
2



3



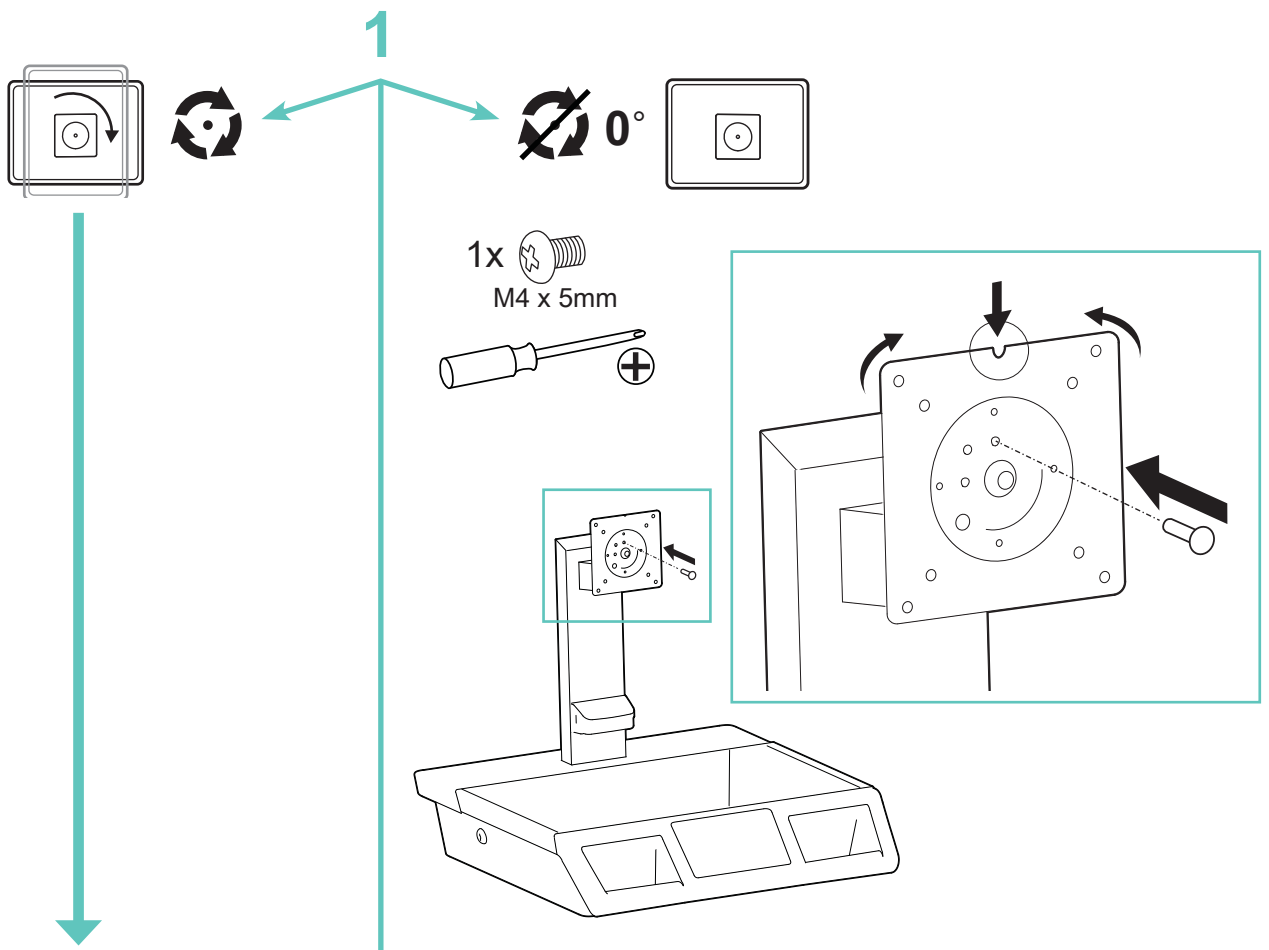
If you are attaching accessories to the VESA plate, do so now.



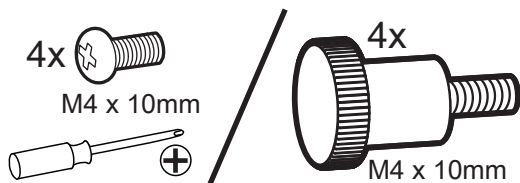


## Set-up

3



2 75x75mm / 100x100mm



**⚠ WARNING**  
**AVERTISSEMENT**

1.

2.

3.

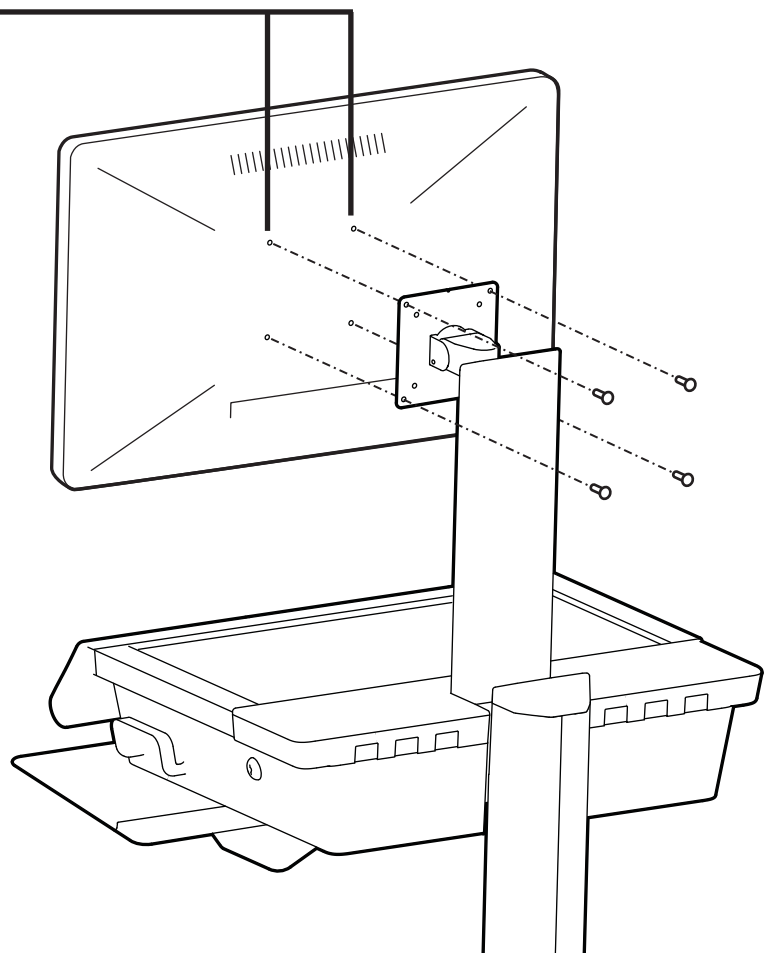
**IMPACT HAZARD!**  
MOVING PARTS CAN CRUSH AND CUT.  
Failure to heed this warning may result in serious personal injury or property damage!

Raise monitor to top of vertical adjustment BEFORE removing.  
DO NOT remove Stop Screw without monitor attached. Doing so will cause monitor pivot to shoot up rapidly and may cause personal injury.

**DANGER D'IMPACT !**  
LES PARTIES EN MOUVEMENT PEUVENT ÉCRASER ET COUPER.  
Il existe un risque de blessure corporelle ou d'endommagement matériel en cas de non respect de cet avertissement.  
Élevez l'écran au plus haut de l'ajustement vertical AVANT de le retirer.  
NE retirez PAS la vis d'arrêt avant que l'écran soit fixé.  
Dans un tel cas, le pivot d'écran se relèverait rapidement et cela pourrait engendrer des blessures.

[www.ergotron.com](http://www.ergotron.com)

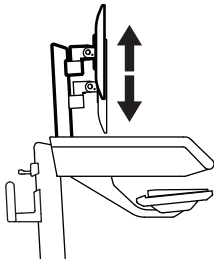
822-055



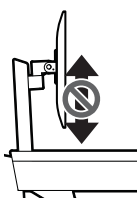
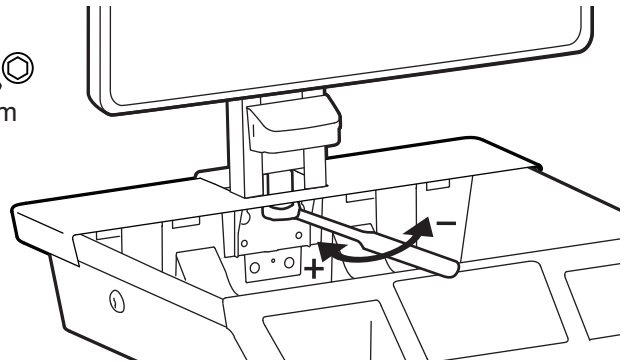
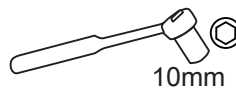
4

Important! You will need to adjust this product after installation is complete. Make sure all your equipment is properly installed on the product before attempting adjustments. This product should move smoothly and easily through the full range of motion and stay where you set it. If movements are too easy or difficult or if product does not stay in desired positions, follow the adjustment instructions to create smooth and easy movements. Depending on your product and the adjustment, it may take many turns to notice a difference. Any time equipment is added or removed from this product, resulting in a change in the weight of the mounted load, you should repeat these adjustment steps to ensure safe and optimum operation.

## Lift – Up and down

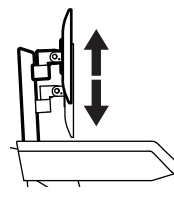
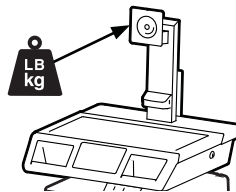
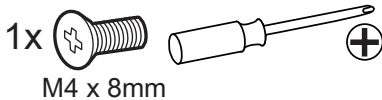


Follow these instructions to tighten or loosen tension.

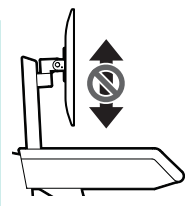


## To Stop Independent LCD Lift

For heavier Displays or when using a Tablet PC, you can keep the LCD Lift from moving out of position, by installing this screw into one of the three holes on the back of the riser depending on the desired height.



With Independent  
LCD Lift:  
6-14 lbs (2.7-6.4 kg)



Without Independent LCD Lift:  
20 lbs (9 kg)

**WARNING**  
**AVERTISSEMENT**

- 1.
- 2.
- 3.

**IMPACT HAZARD!**  
**MOVING PARTS CAN CRUSH AND CUT.**  
 Failure to heed this warning may result in serious personal injury or property damage!

Raise monitor to top of vertical adjustment BEFORE removing. DO NOT remove Stop Screw without monitor attached. Doing so will cause monitor pivot to shoot up rapidly and may cause personal injury.

**DANGER D'IMPACT !**  
 LES PARTIES EN MOUVEMENT PEUVENT ÉCRASER ET COUPER.  
 Il existe un risque de blessure corporelle ou d'endommagement matériel en cas de non respect de cet avertissement.

Élevez l'écran au plus haut de l'ajustement vertical AVANT de le retirer. NE retirez PAS la vis d'arrêt avant que l'écran soit fixé. Dans un tel cas, le pivot d'écran se relèverait rapidement et cela pourrait engendrer des blessures.

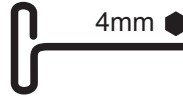
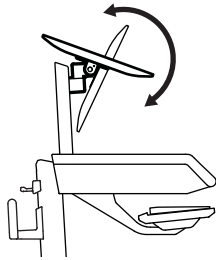
[www.ergotron.com](http://www.ergotron.com)

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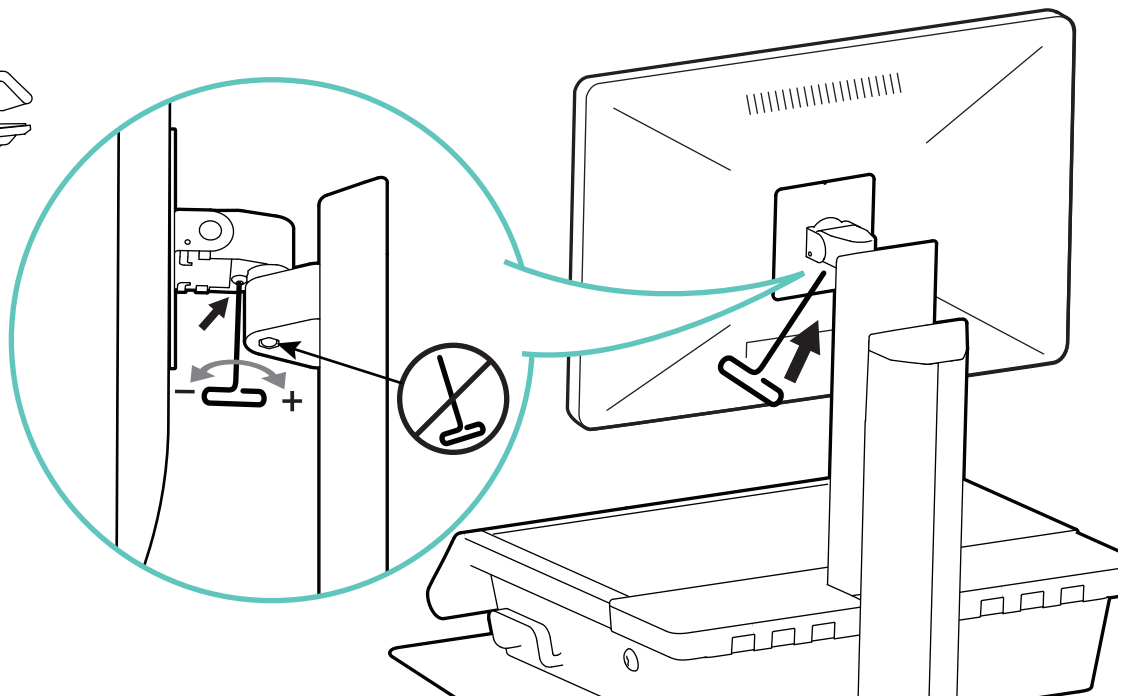
5

Important! You will need to adjust this product after installation is complete. Make sure all your equipment is properly installed on the product before attempting adjustments. This product should move smoothly and easily through the full range of motion and stay where you set it. If movements are too easy or difficult or if product does not stay in desired positions, follow the adjustment instructions to create smooth and easy movements. Depending on your product and the adjustment, it may take many turns to notice a difference. Any time equipment is added or removed from this product, resulting in a change in the weight of the mounted load, you should repeat these adjustment steps to ensure safe and optimum operation.

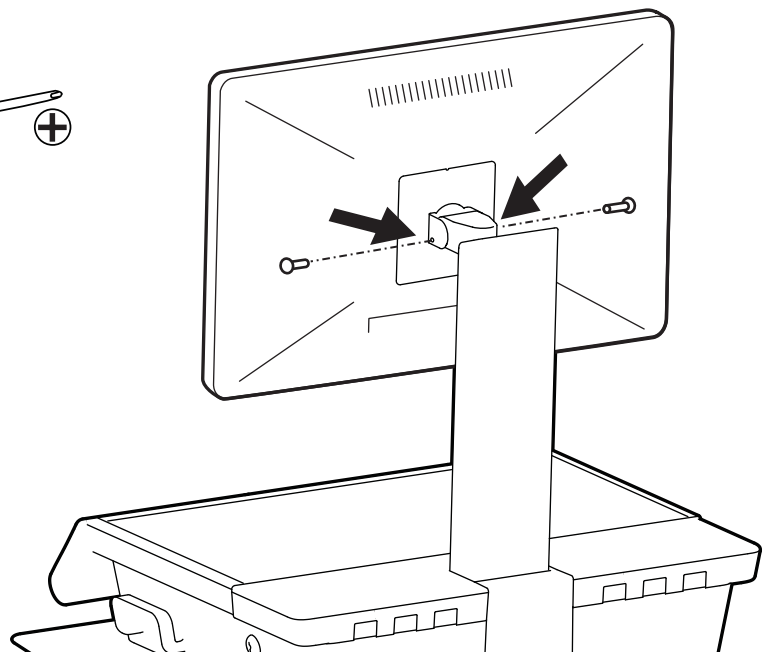
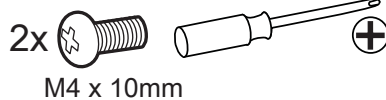
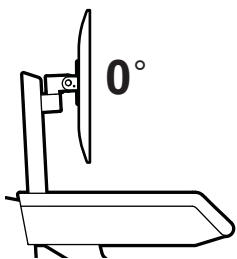
## Tilt – Forward and Backward



Follow these instructions to tighten or loosen tension.

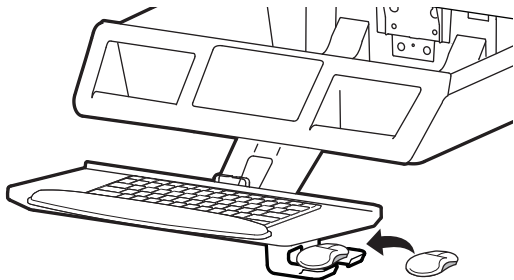
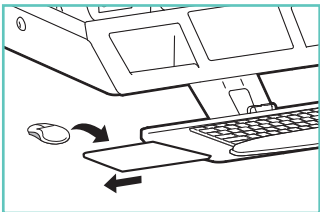
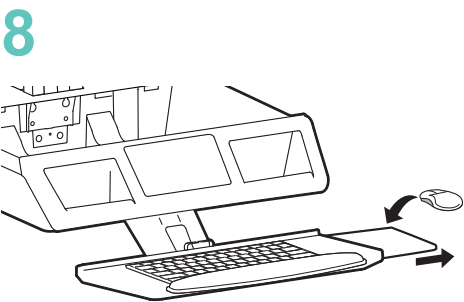
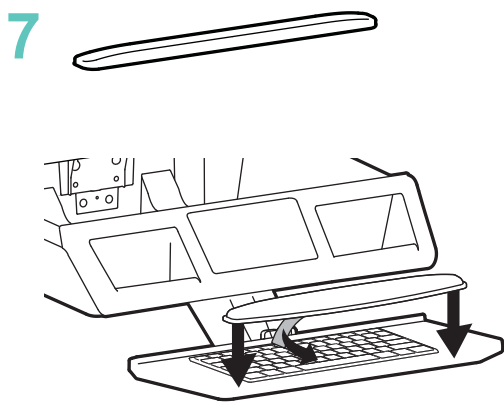
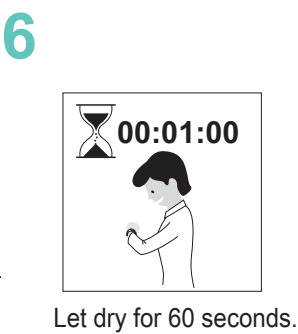
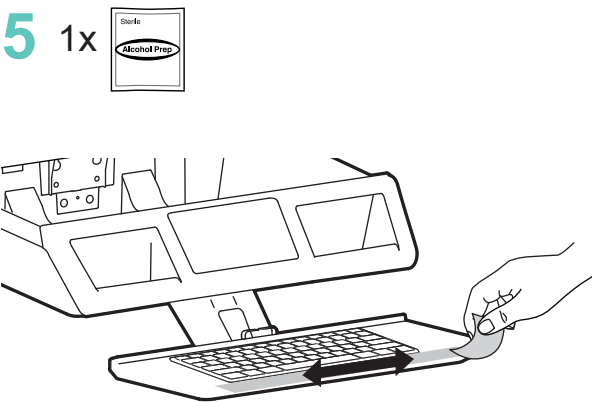
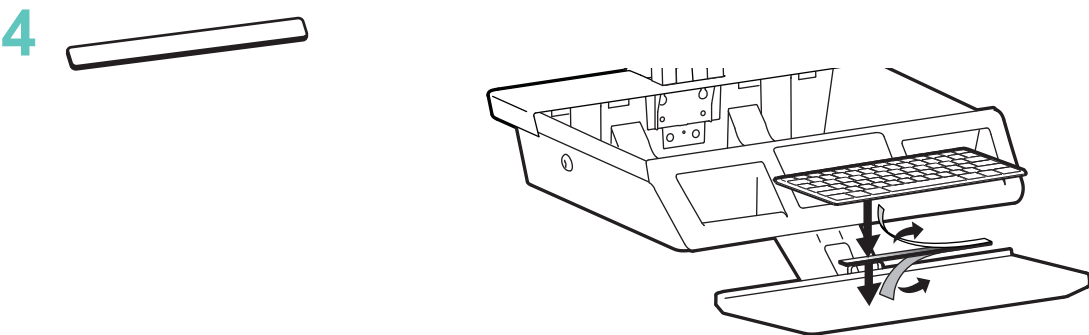
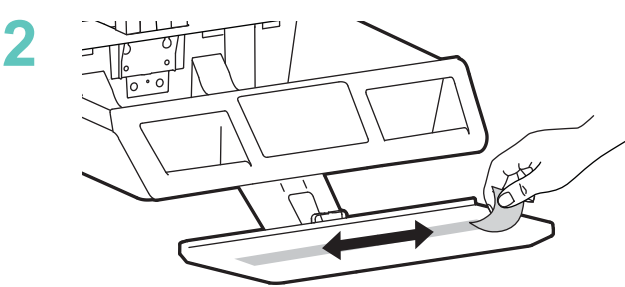
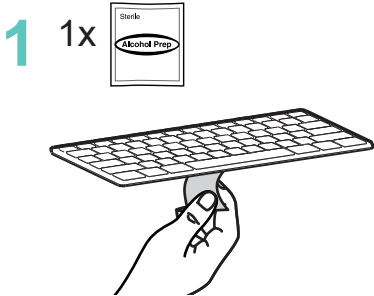


## Optional Tilt Lock



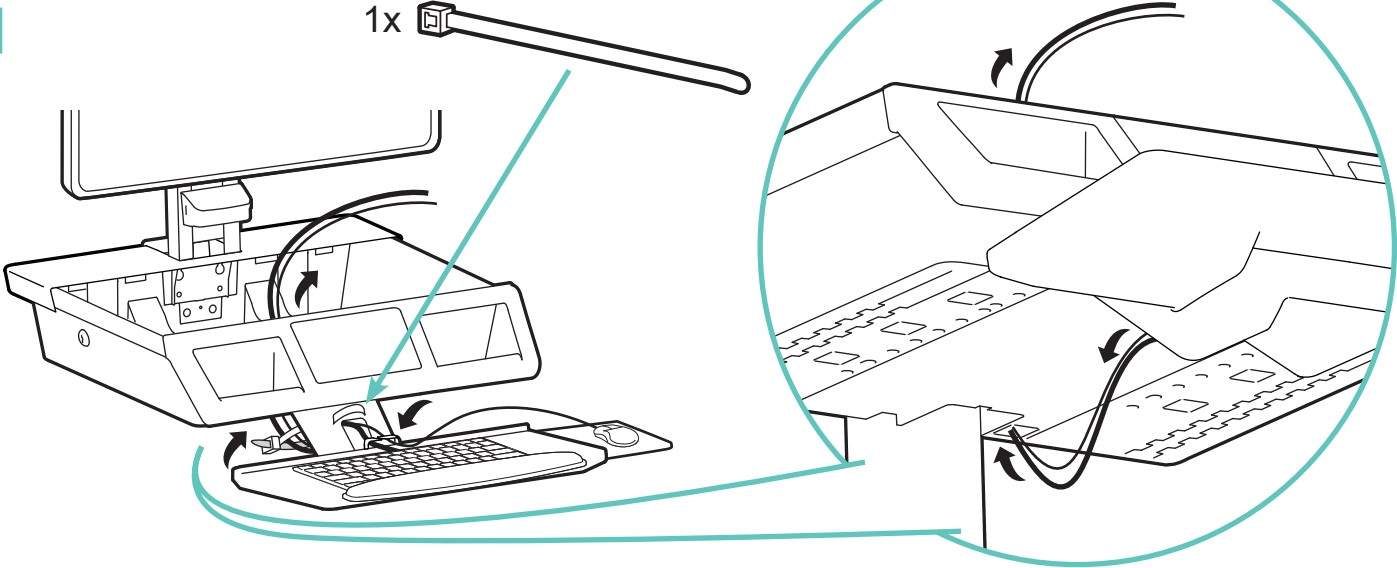
Set-up

6

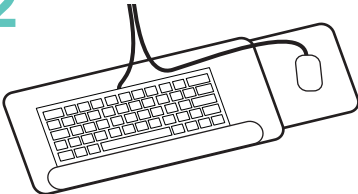


7

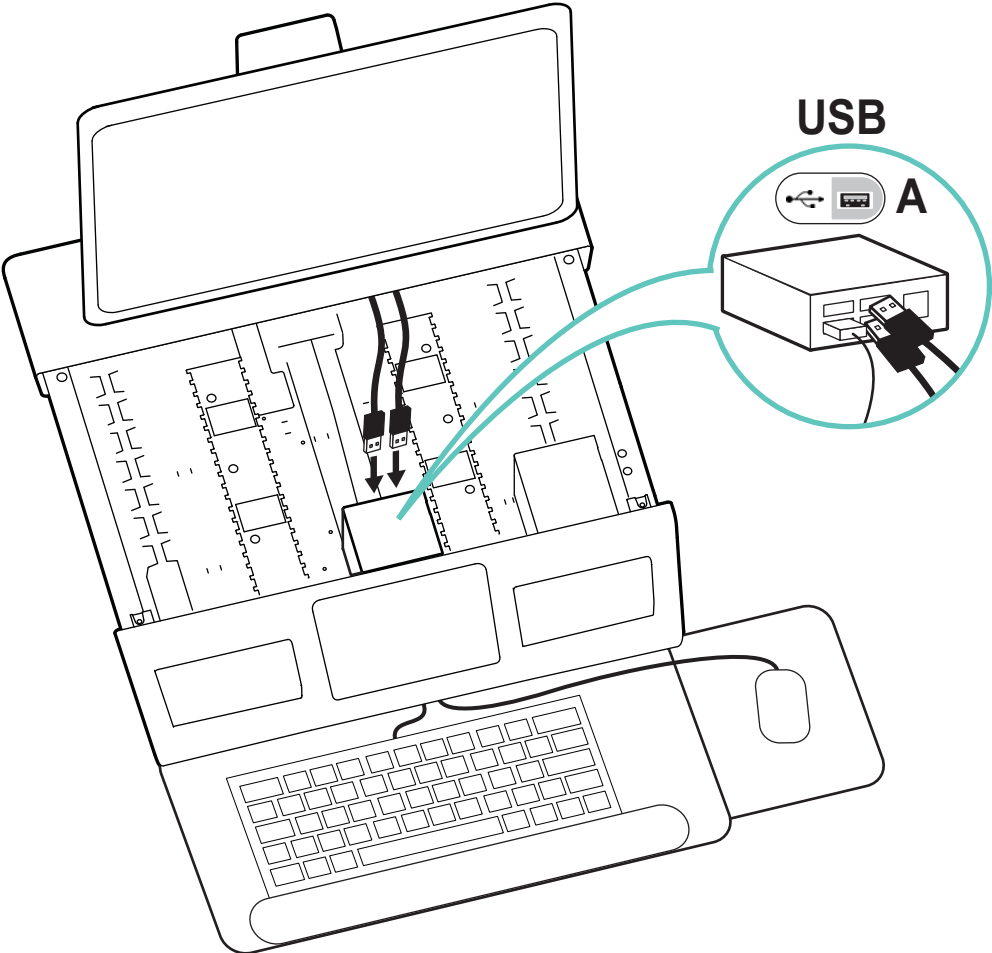
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2



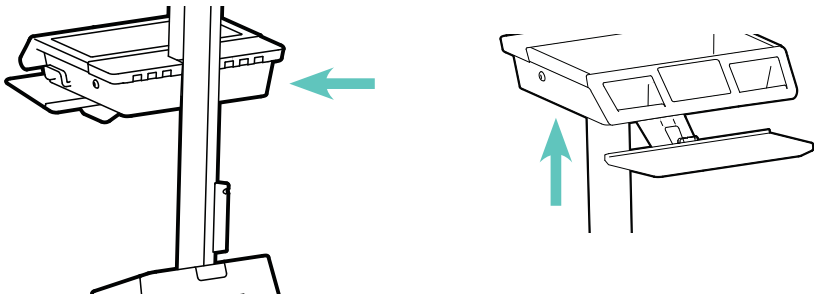
Plug in keyboard and mouse USB cables



Set-up

8

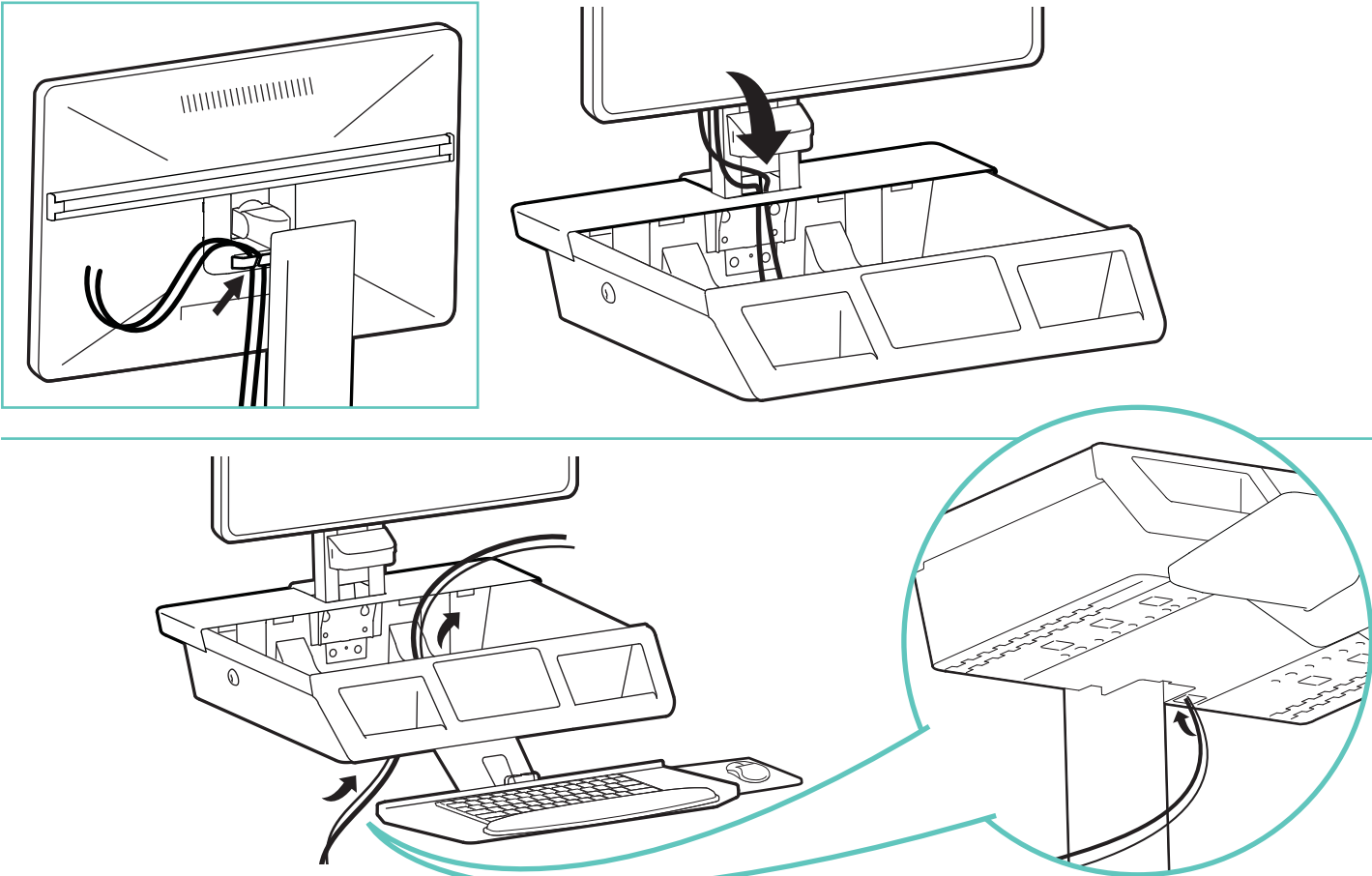
If you are attaching accessories to the back of the cart or under the worksurface, do so now.



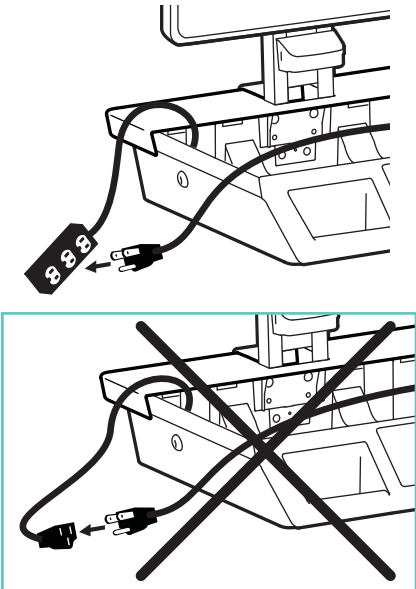
9

Route accessory cables

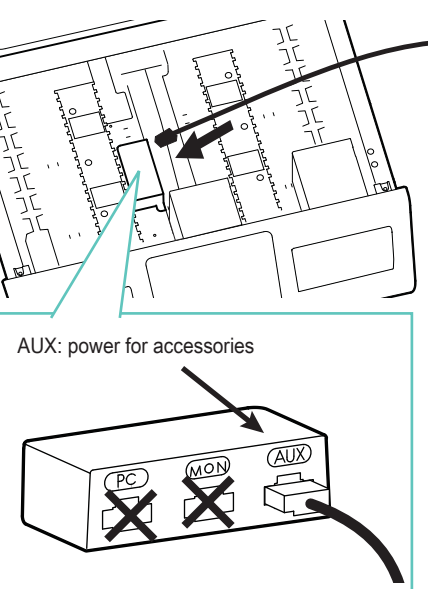
NOTE: Leave enough slack in cable to allow full range of motion.  
Caution: To avoid the potential to pinch cables it is important to follow the cable routing instructions in this manual. Failure to follow these instructions may result in equipment damage or personal injury.



AC accessory power cable



DC accessory power cable



Place power bricks into lower sections of compartment

