

## Parts List



The Trolley™ H-Class



Removable Metal Front Cover



Trim Ring



75mm VESA Plate  
(100mm VESA Plate Installed)



Keys



Qty. 9  
#6 x 1" screws



Qty. 4  
Monitor screws  
Phillips pan head  
M4, length: 6mm



Qty. 2  
Wire management  
grommet screws  
Phillips pan head  
3mm, self-threading  
screw, length: 10mm

## Tools (not included)



Phillips Screwdriver

**Note: Do NOT connect the Trolley H-Class to power source until Step 4.**

## Step 1:



1a. Remove Trolley H-Class and parts from shipping box.



1b. Place Trolley H-Class in its upright, vertical position with the open interior side facing you.



1c. Completely remove two shipping screws indicated by the yellow warning label.

## Step 2:



2a. Remove black cable management cover from monitor arm.



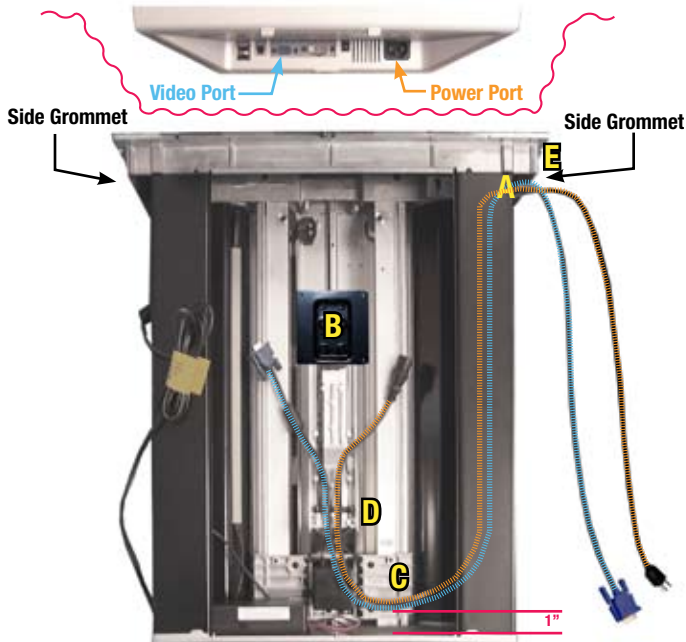
2b. Remove right screw from cable retention clip on cable management channel. Then loosen left screw and rotate clip downward.



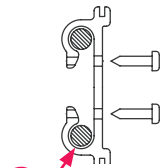
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## Step 3:

Flat panel monitor (bottom view. Dell monitor pictured here. Other brands may vary.



**(E)** Side grommet with wire management clips



Power cord in its own grommet clip opening



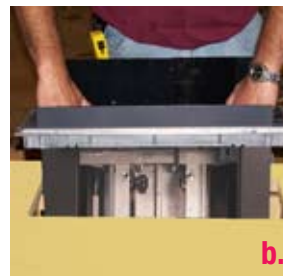
- 3A** Feed monitor cables attaching to CPU and power control through the grommets on either side of The Trolley.
- 3B** Align other end of video and power cables with ports on monitor. Position the end of the cables even with the center of the VESA plate on monitor arm. These cords may need adjustment in Step 6c.
- 3C** Leave about 1" of clearance between the video/power cables and the bottom of The Trolley H-Class.
- 3D** Place video/power cables in two center wire management channels on monitor arm. Bring wire clip rotated downward in Step 3 back up over wires, aligning right side over screw hole. Tighten left screw, then screw back right screw.
- 3E** Secure cables with wire management clips at side grommet opening. Secure screws in grommet. Make sure all wires are clear of screw hole. Power cable must be in its own grommet clip opening.
- 3F** Replace black cable management cover removed in Step 2.

## Step 4:



**4a.** With the open side of The Trolley facing the user side of the desk, place Trolley on work surface adjacent to work surface cutout.

Feed video and power cables through cutout.



**4b.** Pull lever to open Trolley doors. Placing hands as shown, lower Trolley into the cutout. Close Trolley doors and secure with nine (#6 x 1") screws provided.



**4c.** Using the palm of your hand, push trim ring into place. Start at one end and work your way to the other.

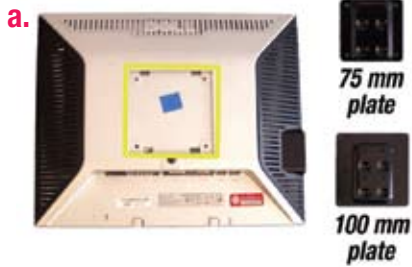


**4d.** Plug Trolley into power source. Wait 5 seconds to activate, then pull lever to open doors and raise Trolley arm. Close doors. The power control module in the bottom of the Trolley housing is normally shipped in "Install Mode." The green LED does not light when in "Install Mode."



**Note:** If Trolley arm doesn't immediately move up when you pull lever, reboot unit. Leaving doors open, unplug and replug unit. Arm will automatically go to up position.

## Step 5:



5a. Select appropriate size VESA plate for your monitor.

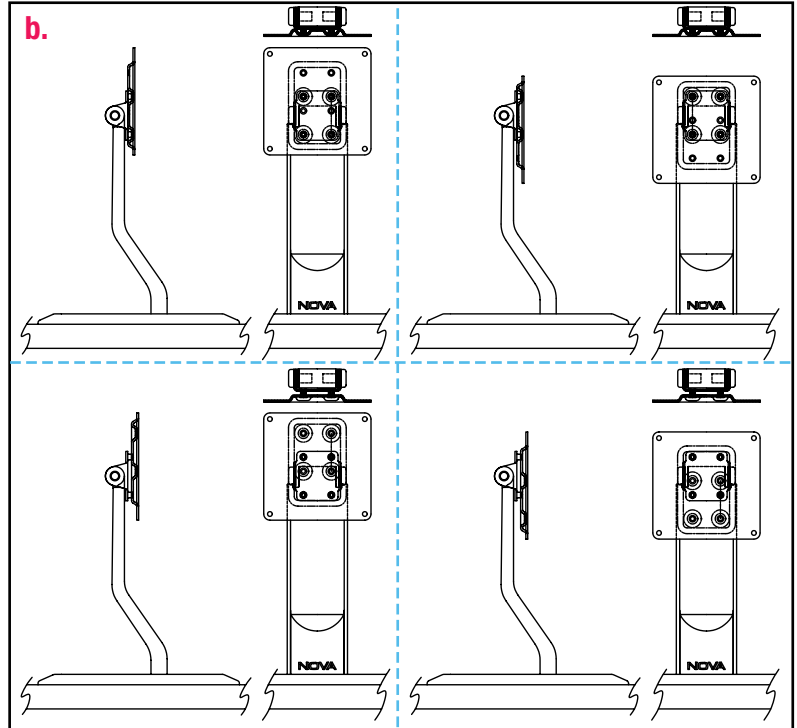
(100mm VESA plate installed)

Note: Once installed, the bottom of your monitor should be 1 1/2" to 2" above the closed Trolley doors.



5c. If 75mm VESA plate required, remove four black screws on 100mm VESA plate. Attach 75mm VESA plate in correct position for monitor size.

5b. VESA plate mounting position options to adapt most monitors to fit 1 1/2" - 2" above closed Trolley doors and insure correct monitor depth for smooth operation without monitor interference.



## Step 6:



6a. Attach the video and power cables to your monitor.



6b. Attach monitor to VESA plate with four monitor screws provided.

Note: It may be helpful to have another person assist in holding the monitor while attaching it to the VESA plate.



6c. Pull lever (Ref. 7b) to open doors and test clearance of video and power cables (Ref. G). Make adjustments to cable placement as necessary and return doors to their closed position.

## Step 7:



7a. Locate the power control module at the bottom of The Trolley H-Class and move the switch to the right to "Operation Mode." The green LED will light.



7b. With Trolley doors in closed position, pull the lever to activate unit. Once the monitor is completely lowered into the Trolley, the doors may be closed.



7c. Remove the small screw located at the bottom of Trolley (Ref. H). Slide the top end of the removable metal front cover into the Trolley. Slide bottom of cover into Trolley aligning with screw hole. Replace the screw.

**Overview**

The Trolley™ H-Class includes *Intelligent Motion Technology*™. This feature reduces the risk of accidental damage and personal injury. Utilizing information from five different sensors, *Intelligent Motion Technology*™ continually monitors the Trolley's operational status (see below) and delivers information to the power control module.

*Intelligent Motion Technology*™ monitors these conditions...

1. Down position of monitor - *Confirms position of Trolley below the work surface*
2. Up position of monitor - *Confirms position of Trolley above the work surface*
3. Front access door position - *Confirms door is completely open before raising or lowering the Trolley*
4. Rear access door position - *Confirms door is completely open before raising or lowering the Trolley*
5. Vertical monitor angle - *Confirms monitor is in its vertical position prior to lowering the Trolley*

If any of the above conditions create a "conflict" within The Trolley's programming, the system will immediately stop operating to reduce damage or injury. For example, if the monitor angle is not returned to its vertical position or someone attempts to close the doors as The Trolley is retracting into the work surface, the unit will immediately stop operation.

**Operational Guidelines**

Condition	Operational Status	To Resume Operation...
<b><u>Front and Rear Door Position</u></b>		
<ul style="list-style-type: none"> <li>• Front door is moved or closed during operation</li> </ul>	Unit will STOP	Slightly move REAR door toward its closed position about 3/4" and hold for approximately 2 seconds.
<ul style="list-style-type: none"> <li>• Rear door is moved or closed during operation</li> </ul>	Unit will STOP	Slightly move REAR door toward its closed position about 3/4" and hold for approximately 2 seconds.
<b><u>Monitor Tilt Sensor Position</u></b>		
<ul style="list-style-type: none"> <li>• While in the raised position, monitor is not completely vertical</li> </ul>	Unit will NOT operate	Close Trolley doors. Move monitor to fully vertical position. Pull lever to open doors and begin operation.
<ul style="list-style-type: none"> <li>• Monitor is moved out of vertical alignment while Trolley is lowering</li> </ul>	Unit will STOP	<p>Move monitor to vertical position. Monitor will return to its previous position. Close Trolley doors. Resume normal operation.</p> <p>If monitor is not moved back to vertical position within one minute, unplug The Trolley for at least 2 minutes. Plug Trolley back into power source and allow Power Control Module to reboot. Monitor will return to its previous position.</p>

**For more information on installation and operation of The Trolley™ H-Class, please contact Customer Support at 800-730-6682 or support@novasolutionsinc.com**