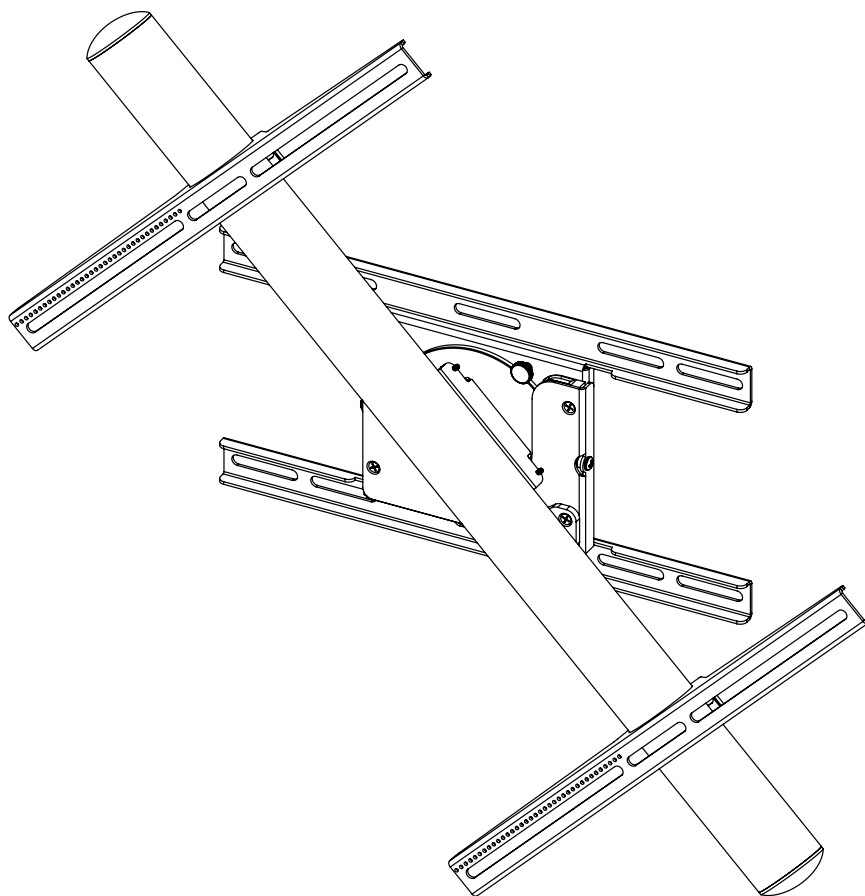


RFM

Installation Guide

Rotating Wall Mount for Flat Panel
Displays up to 160 lbs / 72.5 kg



9531-009-041-0X REV H



Rated Capacity

160 lbs / 72.5 kg

Maximum Flat Panel Weight:

The wall structure must be capable of supporting at least four times the weight of the flat panel. If not, the wall structure must be reinforced.

Warning Statements



Prior to the installation of this product, the installation instructions must be read and completely understood. Keep these installation instructions in an easily accessible location for future reference.



Proper installation procedure by a qualified service technician must be followed, as outlined in these installation instructions. Failure to do so could result in property damage, serious personal injury, or even death.



Safety measures must be practiced at all times during the assembly of this product. Use proper safety equipment and tools for the assembly procedure to prevent personal injury.



Premier Mounts does not warrant against damage caused by the use of any Premier Mounts product for purposes other than those for which it was designed or damage caused by unauthorized attachments or modifications, and is not responsible for any damages, claims, demands, suits, actions or causes of action of whatever kind resulting from, arising out of or in any manner relating to any such use, attachments or modifications.



At least two qualified people should perform the assembly procedure. Personal injury and/or property damage can result from dropping or mishandling the flat panel.



If mounting to wall studs or ceiling studs, make sure that the mounting screws are anchored into the center of the wall studs or ceiling studs. Use of an edge-to-edge stud finder is recommended.



It is recommended that a maximum of 5/8" plaster board be used when mounting to wooden studs.



Be aware of the mounting environment. If drilling and/or cutting into the mounting surface, always make sure that there are no electrical wires in wall. Cutting or drilling into an electrical line may cause serious personal injury.



Make sure there are no water or natural gas lines inside the wall where the mount is to be located. Cutting or drilling into a water or gas line may cause severe property damage or personal injury.



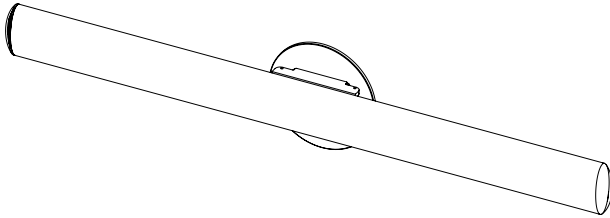
This product is intended for indoor use only. Use of this product outdoors could lead to product failure and/or serious personal injury.



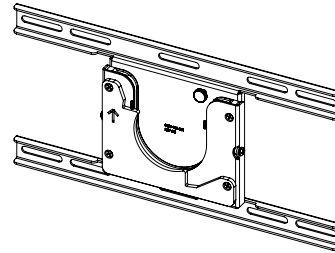
Do not install near sources of high heat. Do not install on a structure that is prone to vibration, movement or chance of impact.



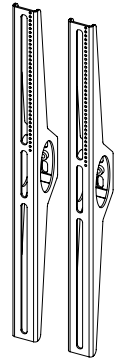
INCLUDES:



Rotational Bar
(Qty 1)



Wall Mount
(Qty 1)



Mounting Brackets
(Qty 2)

HARDWARE BAG:



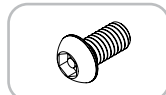
M4 x 16mm
(Qty 4)



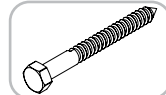
M6 x 16mm
(Qty 4)



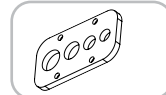
M8 x 16mm
(Qty 4)



M6 x 12mm
Security (Qty 1)



5/16 x 3 Lag
(Qty 4)



Griplate (Qty 4)



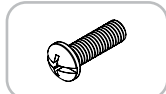
5/32" Allen Key
(Qty 1)



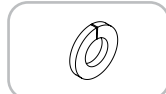
M4 x 25mm
(Qty 4)



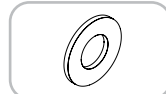
M6 x 25mm
(Qty 4)



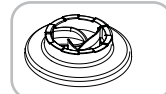
M8 x 25mm
(Qty 4)



M6 Lock Washer
(Qty 1)



5/16 Washer
(Qty 4)



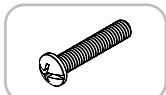
Universal Spacer
M4-M8 (Qty 8)



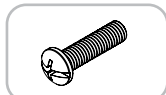
M5 Security Allen
Key (Qty 1)



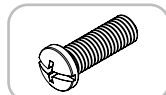
M4 x 30mm
(Qty 4)



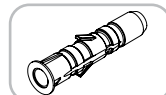
M6 x 30mm
(Qty 4)



M8 x 30mm
(Qty 4)



M10 x 30mm
(Qty 4)



Twist-Resistance
5/16 Anchor (Qty 4)

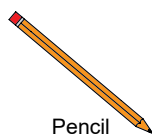


Depth Measuring
Straw (Qty 1)

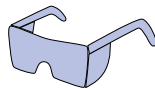
TOOLS FOR INSTALLATION:



Electronic Stud Finder



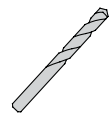
Pencil



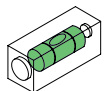
Protective Eyewear



M6 or 1/4" Drill Bit



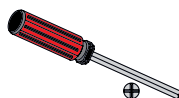
3/8" Masonry Drill Bit



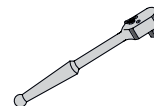
Level



13mm or 1/2" Socket



Phillips Head Screwdriver



Socket Wrench



Portable Drill



WOOD STUD INSTALLATION

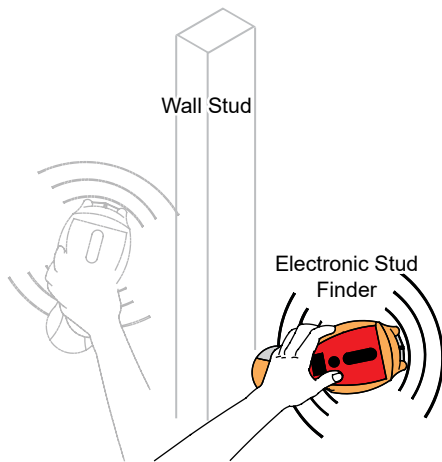
1. Determine the desired viewing location. Use a stud finder to locate two studs closest to the viewing location.
2. Once the studs have been located, use a pencil to mark the center of each stud.
3. Drill a pilot hole at the marked location using a power drill and a 1/4" drill bit.



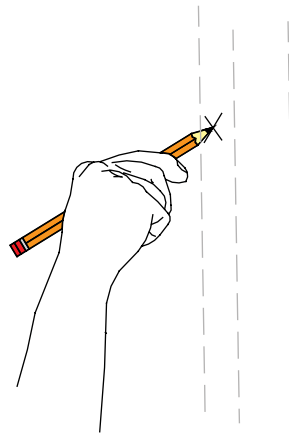
A minimum of two wall studs must be used in the installation of this product.



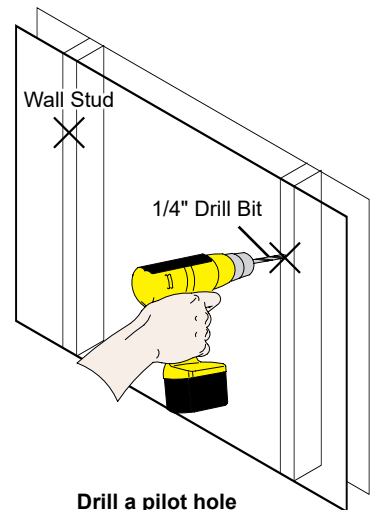
When determining viewing height, the center of the TV should be at eye level while sitting in an upright position. When using the flat-panel as room decoration, raise it to the point where the bottom of the screen is at eye level while sitting and the top is eye level when standing.



Locating the Studs



Marking the Studs

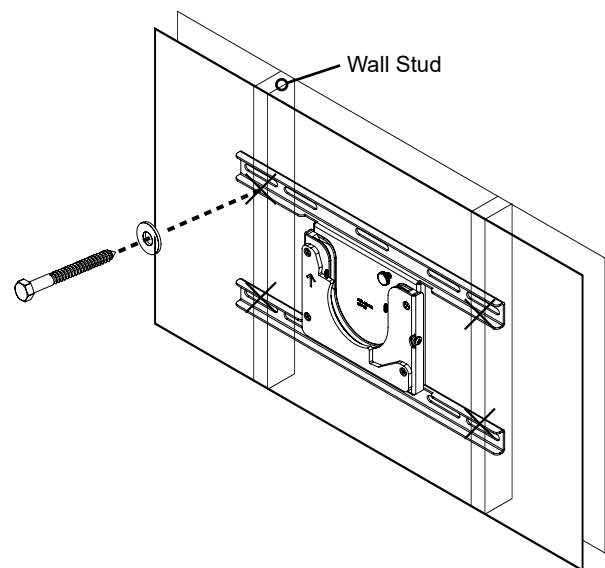


Drill a pilot hole

1. Level the mount.
2. Align the mounting slot with the drilled hole.
3. Insert and tighten one 5/16" x 3" lag bolt and flat washer. Tighten using a 1/2" socket wrench.



Do not over-tighten lag bolts when attaching the mount to the wall. Improper installation may result in personal injury or damage to property.



CONCRETE SURFACE INSTALLATION

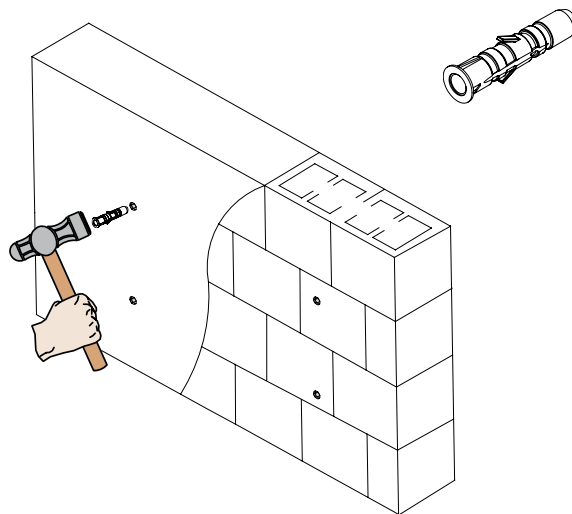
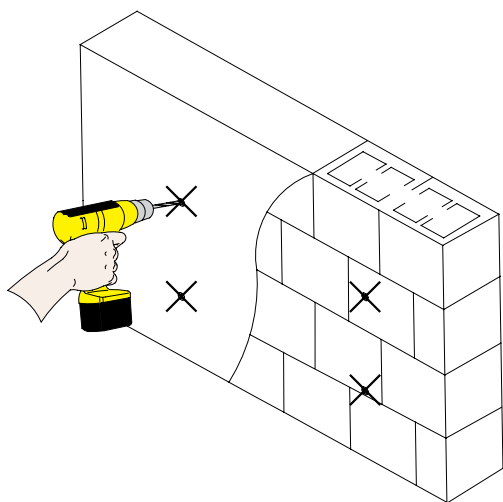
1. Determine the desired viewing location.
2. Place the mount into position against the wall and level the mount.
3. Mark off four holes to be used for securing the mount.
4. Drill holes using a 3/8" masonry bit (commercially available). Drill 3" deep.
5. Insert the finned anchors into each drilled holes.
6. Use a hammer and lightly tap each anchor into place.



The following steps must be performed by two people.



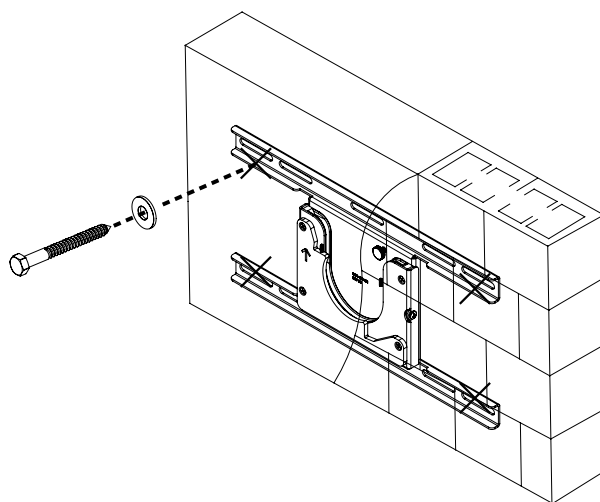
When determining viewing height, the center of the TV should be at eye level while sitting in an upright position. When using the flat-panel as room decoration, raise it to the point where the bottom of the screen is at eye level while sitting and the top is eye level when standing.



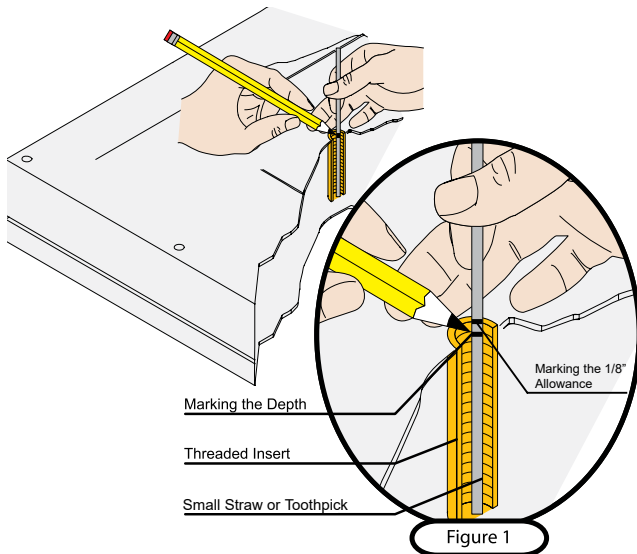
1. Level the mount.
2. Align the mounting slot with the drilled hole.
3. Insert and tighten one 5/16" x 3" lag bolt and flat washer. Tighten using a 1/2" socket wrench.



Do not over-tighten lag bolts when attaching the mount to the wall. Improper installation may result in personal injury or damage to property.



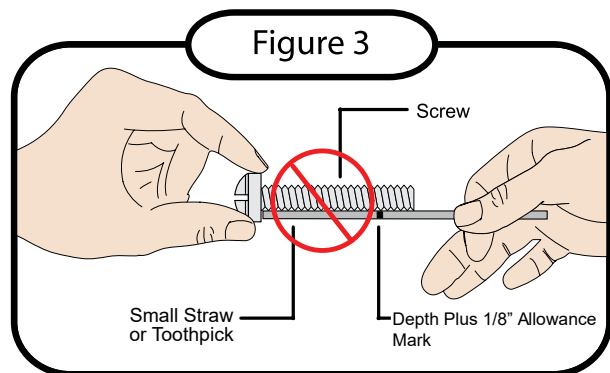
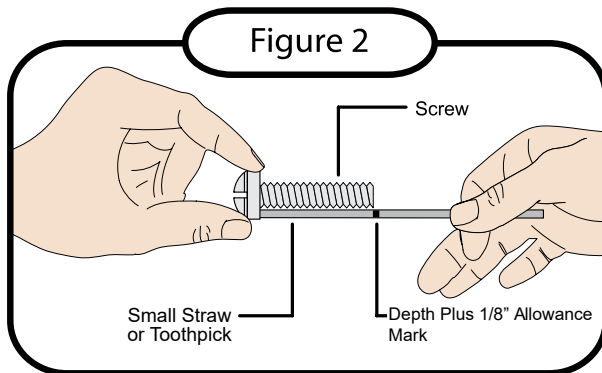
SELECTING THE MOUNTING HARDWARE



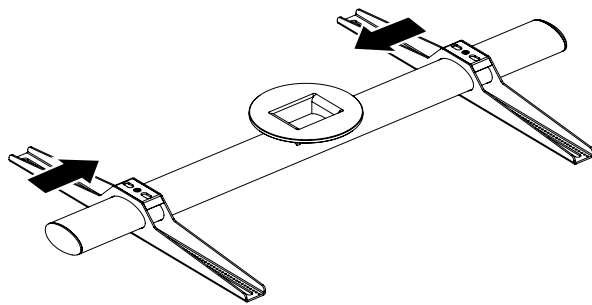
1. Insert a small straw or toothpick into the threaded inserts found on the back of the flat-panel.
2. Use a pencil to mark the depth of the threaded insert on the small straw or toothpick.
3. Mark the straw or toothpick 1/8" above the depth of the threaded insert, as shown in Figure 1.
4. Insert the small straw or toothpick into the remaining threaded inserts to compare and verify their depth using the straw or toothpick's 1/8" allowance mark.
5. Locate the correct diameter screw for the threaded insert.
6. Test each size of the screws provided. The correct screws should thread easily into the mounting point and not pull out when tension is applied.



If the screw you selected is longer than the 1/8" allowance mark on the small straw or toothpick, as shown in Figure 2 and Figure 3, do not use this screw. The screw length must not bypass the mark.

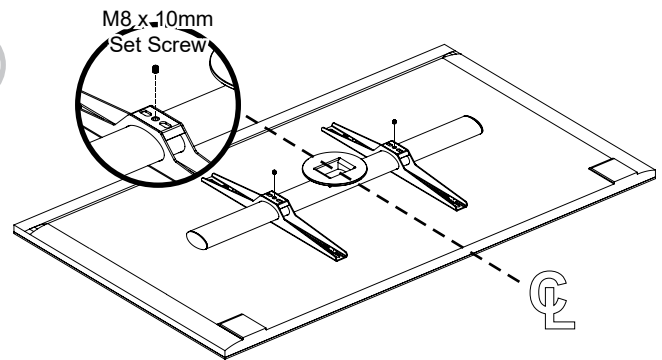


1



Slide the mounting brackets into the cross bar.

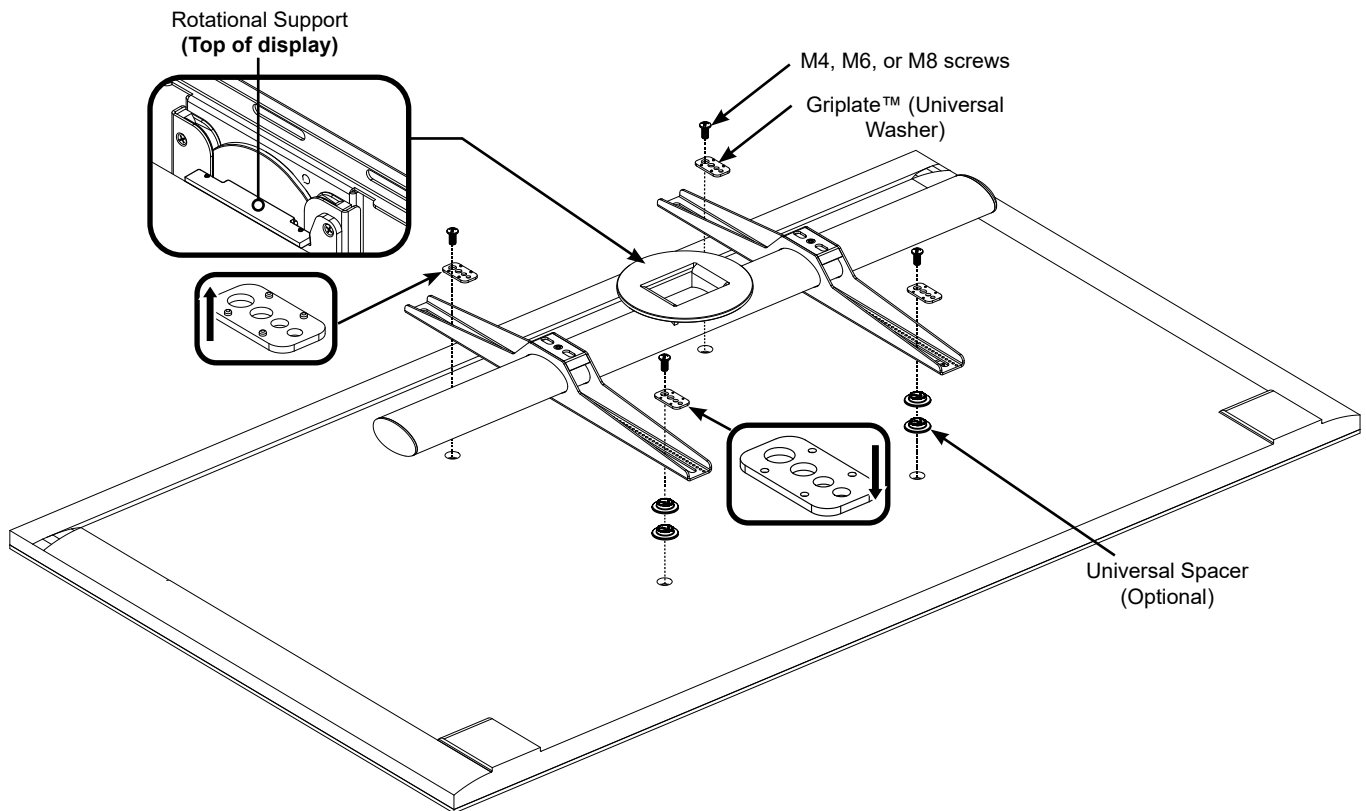
3



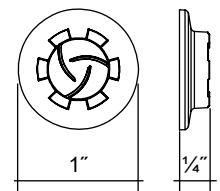
Center the cross bar to the display and tighten the two (2) M8 x 10 Set Screws using the 5/32" Allen Key to secure the brackets.

2

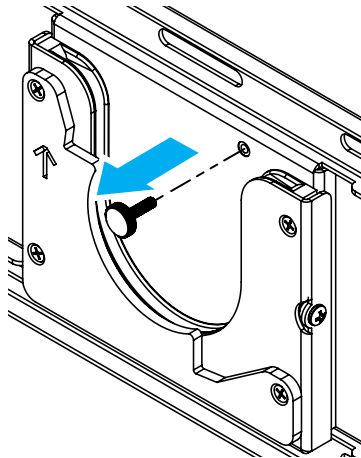
Align the brackets to the display mounting holes. Use the depth measuring straw to determine the appropriate hardware. Use four (4) M4, M6, or M8 screws depending on display and four (4) Griplate™ (Universal Washer).



Universal Spacers allow the user to attach the mounting bracket to flat-panels which have recessed or uneven mount points. Each Universal Spacer adds 1/4" to the distance between the mounting bracket and the flat-panel.

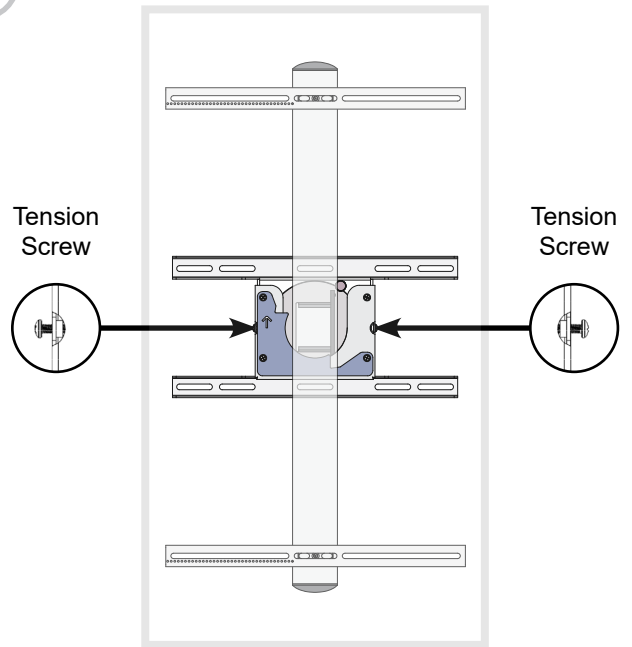


4



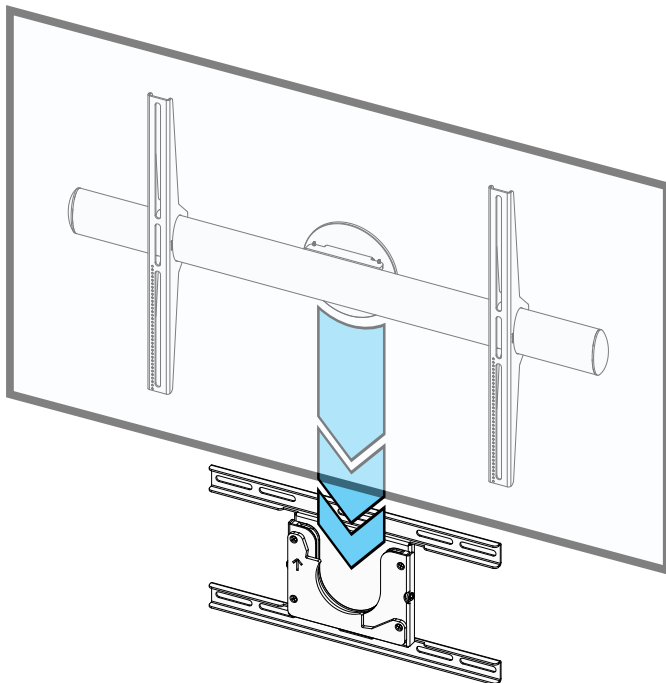
Remove the M6 Knurl Knob from the wall mount and place it aside.

6

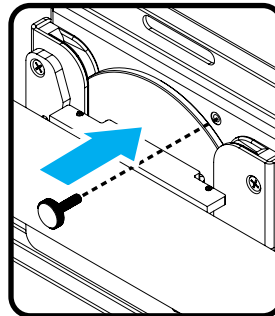


Tighten the two (2) screws (located on the side of the wall mount) once the final position is attained.

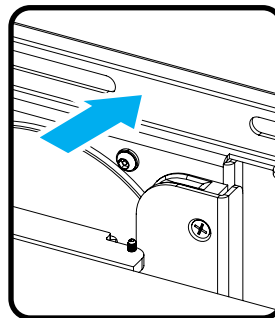
5



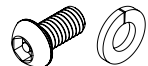
Lift the cross bar and place it into the wall mount. Install the M6 Knurl Knob or security screw to secure the cross bar from dislodging.



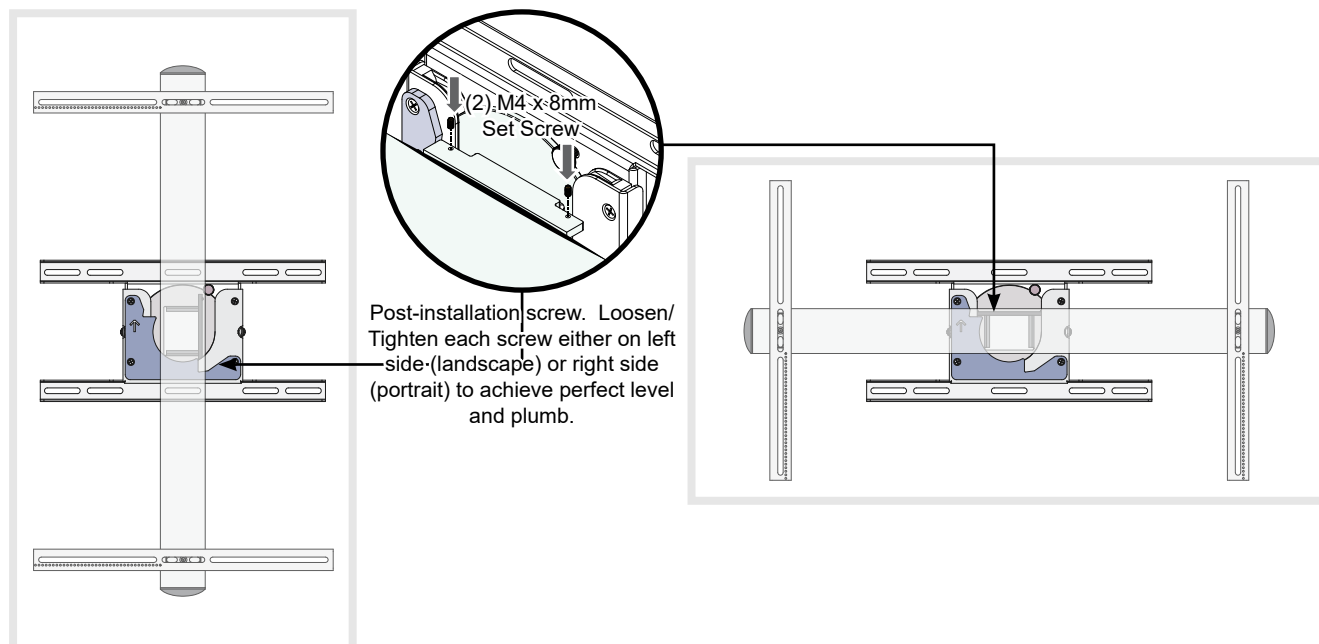
M6 Knurl Knob



M6 Security Screw with Split lock washer



7



8

OPTIONAL:

A factory-installed rotational limiter restricts rotation of the axle to 90 degrees and prevents cables from coiling around the axle. The mechanism can be installed in reverse direction, counter-clockwise orientation.

