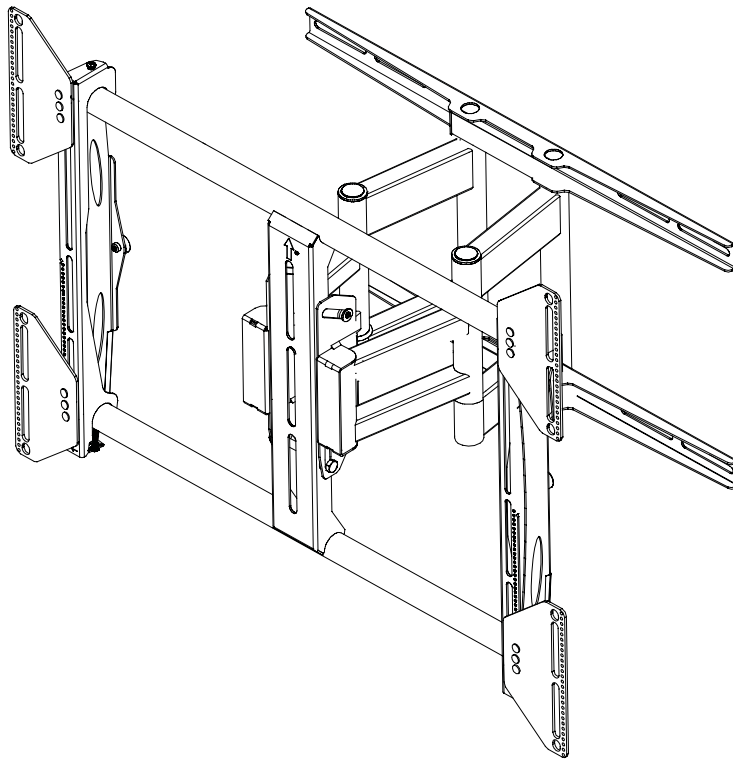


AM175

Installation Guide

Articulating Swingout Mount for
Display Panels up to 175 lbs / 79.4 kg



9531-008-001-0X REV D





Rated Capacity

175 lbs / 79.4 kg

Maximum Display panel Weight:

The wall structure must be capable of supporting at least four times the weight of the display 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 display 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" drywall 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.



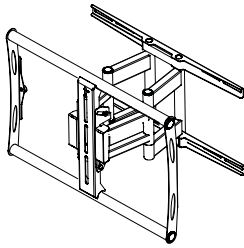
This product is intended for indoor use only. Use of this product outdoors could lead to product failure and/or serious personal injury.



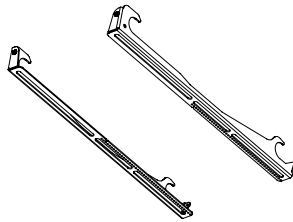
Do not install near sources of high heat. Do not install on a structure that is prone to vibration, movement or chance of impact.



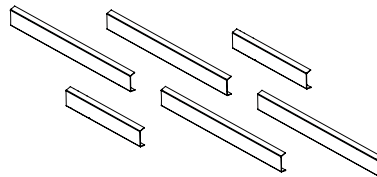
INCLUDES



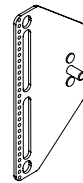
Swingout Mount
(Qty 4)



Mounting Brackets
(Qty 1 Pair)

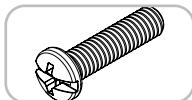


Channel Covers
(Qty 6)

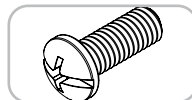


Extension Adapter
(Qty 4)

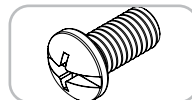
HARDWARE



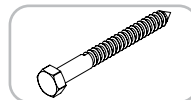
M4 x 16mm
(Qty 4)



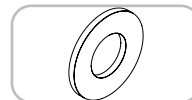
M6 x 16mm
(Qty 4)



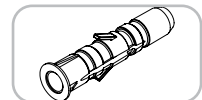
M8 x 16mm
(Qty 4)



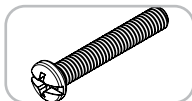
5/16 x 3 Lag
(Qty 4)



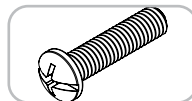
5/16 Washer
(Qty 8)



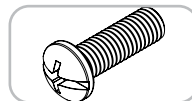
Twist-Resistance
5/16 Anchor (Qty 4)



M4 x 25mm
(Qty 4)



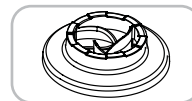
M6 x 25mm
(Qty 4)



M8 x 25mm
(Qty 4)



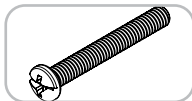
Grip Plate Washer
(Qty 4)



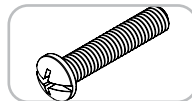
Universal Spacer
M4-M8 (Qty 8)



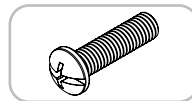
Depth Measuring
Straw (Qty 1)



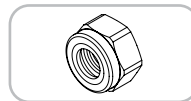
M4 x 30mm
(Qty 4)



M6 x 30mm
(Qty 4)



M8 x 30mm
(Qty 4)

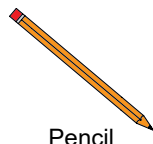


M8 Lock Nut (Qty 4)

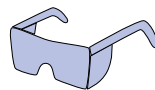
TOOLS FOR INSTALLATION:



Stud Finder



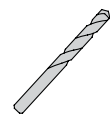
Pencil



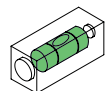
Protective Eyewear



M6 or 1/4" Drill Bit



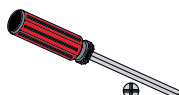
3/8" Masonry Drill Bit



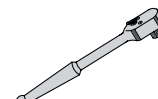
Level



13mm or 1/2" Socket



Screwdriver



Socket Wrench



Portable Drill

WOOD STUD INSTALLATION

1a

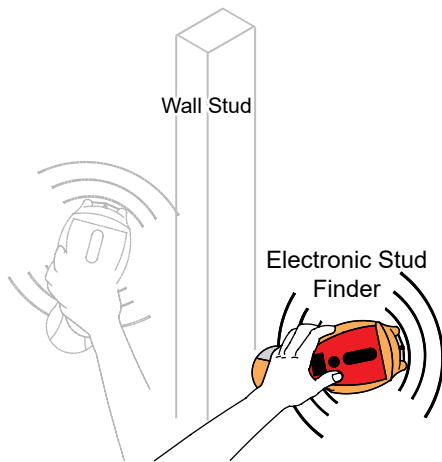
1. Determine the desired viewing location. Use a stud finder to locate two studs closest to the viewing location.
2. Once the studs have been located, use a pencil to mark the center of each stud.
3. Drill a pilot hole at the marked location using a power drill and a 1/4" drill bit.



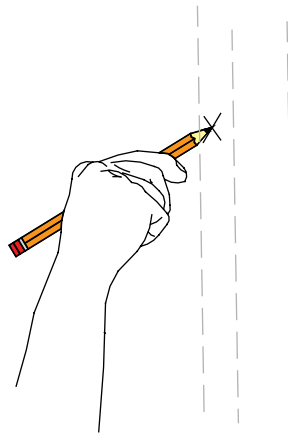
A minimum of two wall studs must be used in the installation of this product.



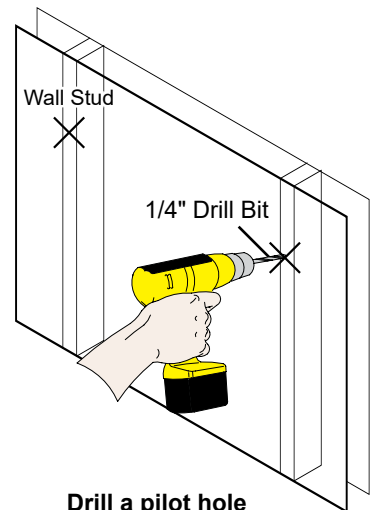
When determining viewing height, the center of the TV should be at eye level while sitting in an upright position. When using the flat-panel as room decoration, raise it to the point where the bottom of the screen is at eye level while sitting and the top is eye level when standing.



Locating the Studs



Marking the Studs



Drill a pilot hole

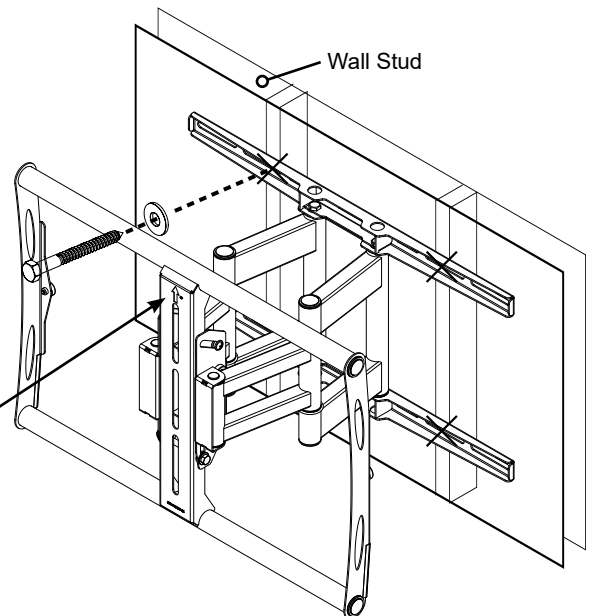
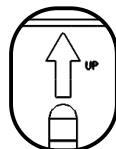
2a

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.

UP arrow



CONCRETE SURFACE INSTALLATION

1b

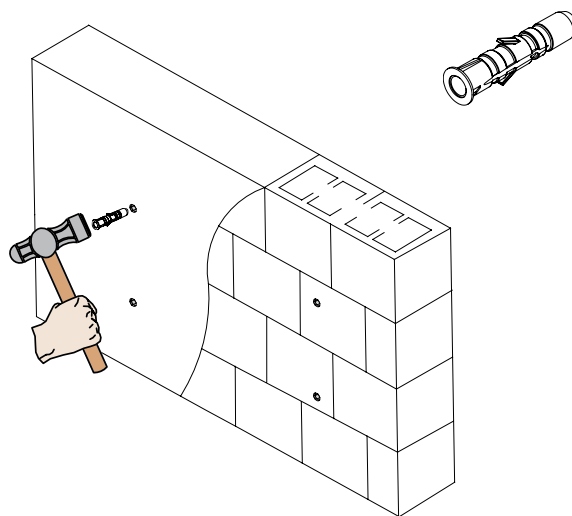
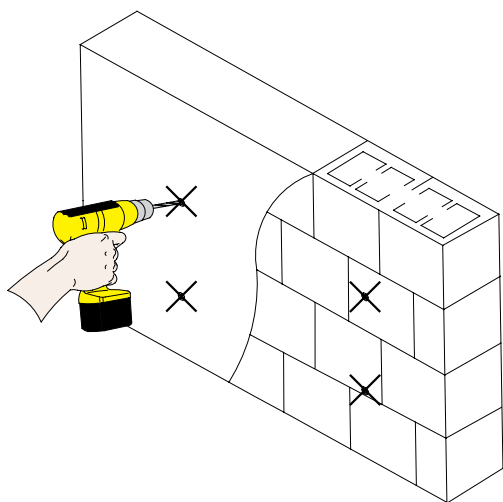
1. Determine the desired viewing location.
2. Place the mount into position against the wall and level the mount.
3. Mark off four holes to be used for securing the mount.
4. Drill holes using a 3/8" masonry bit (commercially available). Drill 3" deep.
5. Insert the finned anchors into each drilled holes.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



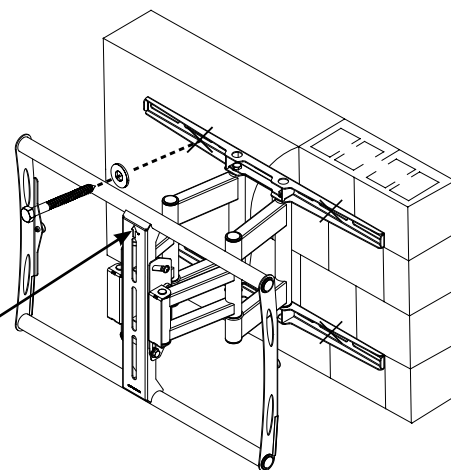
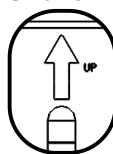
2b

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.



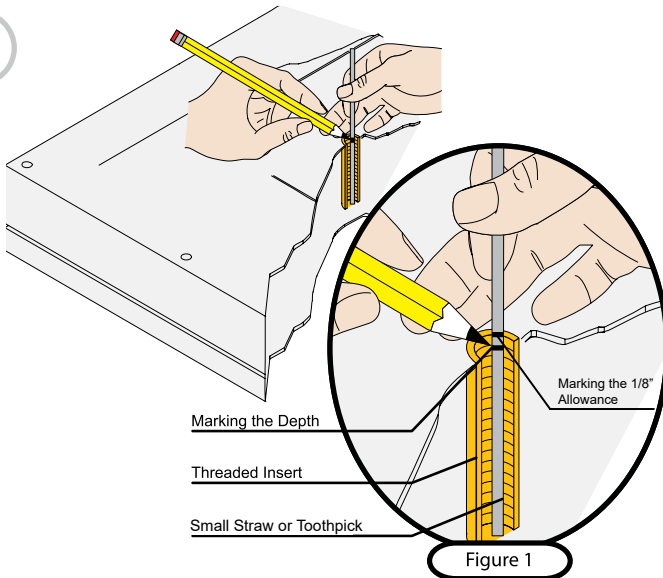
Do not over-tighten lag bolts when attaching the mount to the wall. Improper installation may result in personal injury or damage to property.

UP arrow

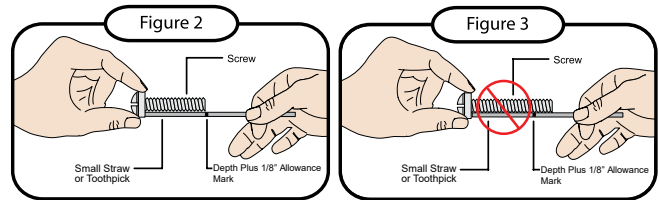


SELECTING THE MOUNTING HARDWARE

3



1. Insert a small straw or toothpick into the threaded inserts found on the back of the display 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.



INSTALLING THE MOUNTING BRACKETS

4

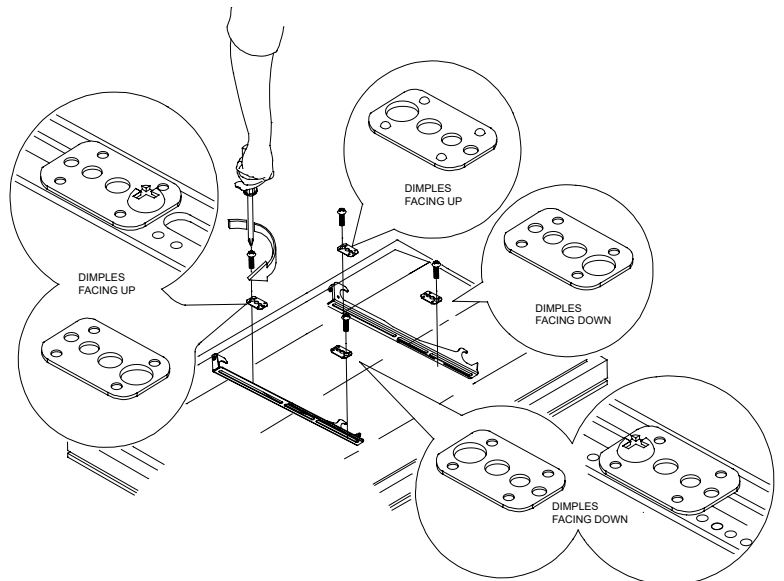
1. Place the display panel screen-side down on a soft, flat surface.
2. Align the brackets to the display mounting holes. Use the depth measuring straw to determine the appropriate hardware.
3. Use four (4) M4, M6, or M8 screws depending on display and four (4) Griplate™ (Universal Washer).



Do not overtighten the mounting hardware.

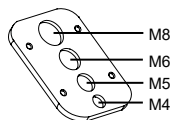


Do not place excessive pressure on the back, as this may damage the display panel.



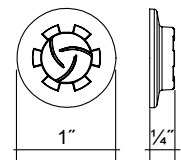
UNIVERSAL WASHER

Premier Mounts' Universal Washers or Griplate™ are designed to accommodate the various M4, M5, M6 and M8 hole sizes required by display panels.



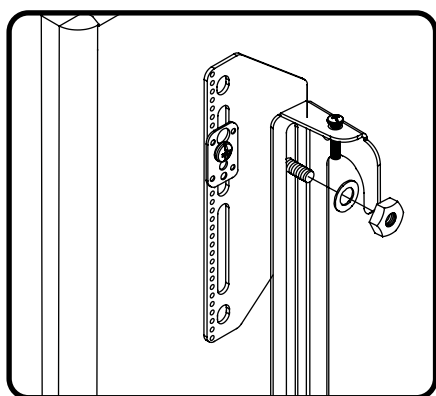
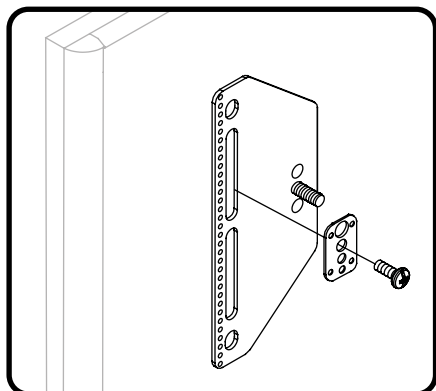
UNIVERSAL SPACER

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.



OPTIONAL: INSTALLING THE ADAPTER PLATE

5



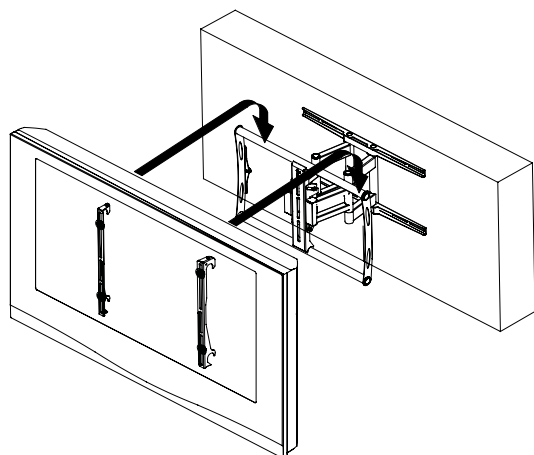
The adapter plate is compatible with mounting patterns ranging from 200mm x 200mm to 650mm x 840mm when used, or 735mm x 510mm without it.

In the event that the display panel has a recessed or uneven mounting surface, universal spacers may be stacked to achieve proper spacing. Select the amount of universal spacer(s) that is closest in depth to keep the adapter plate as close to the display panel as possible. The universal spacer must be secured between the display panel and the adapter plates.

Before tightening the nylon nut, be sure that both universal mounting bracket are level and aligned with each other. If they are not aligned and level, the display panel will not sit properly when mounted.

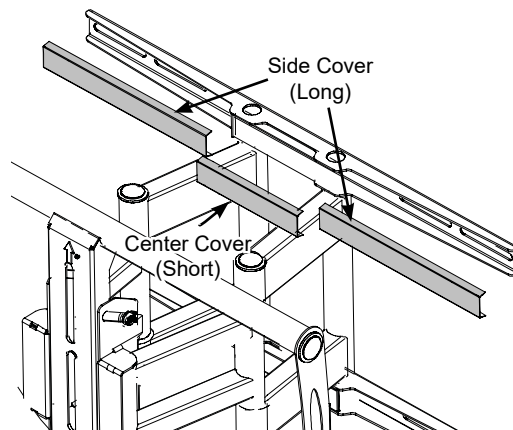
1. Determine if the display panel will need the adapter plates.
2. Locate the mounting points on the back of the display panel.
3. Using a screwdriver, insert and tighten the mounting hardware and adapter plates to the back of the display panel. Do not over tighten the screws.
4. Place the universal mounting brackets over the threaded mounting studs that are on the adapter plate.
5. Place one (1) 5 / 16" flat washer onto each threaded mounting stud.
6. Thread one (1) M8 Nylon nut onto each threaded mounting stud.
7. Once the universal mounting brackets are level, use a 1/2" socket and socket wrench to tighten the M8 nylon nuts. Do not over tighten the screws.

6



1. Place the universal brackets and the display panel over and onto the upper and lower mounting bars and lower it down.
2. Do not release the display panel until the display panel is resting securely on the upper and lower mounting bars.

7

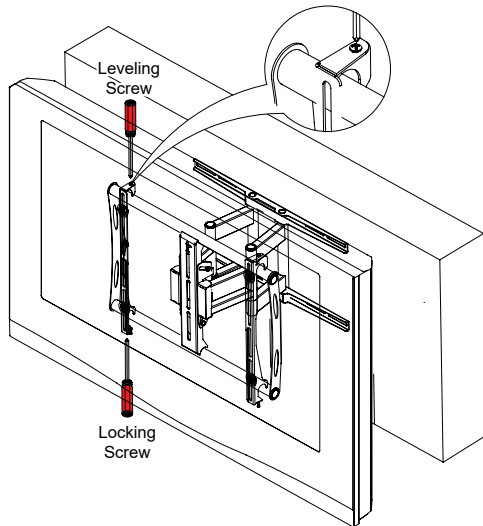


1. To conceal the mounting hardware, place the plastic channel covers over the mounting plate.
2. Repeat step for the bottom side.



SECURING THE MOUNTING BRACKETS

8



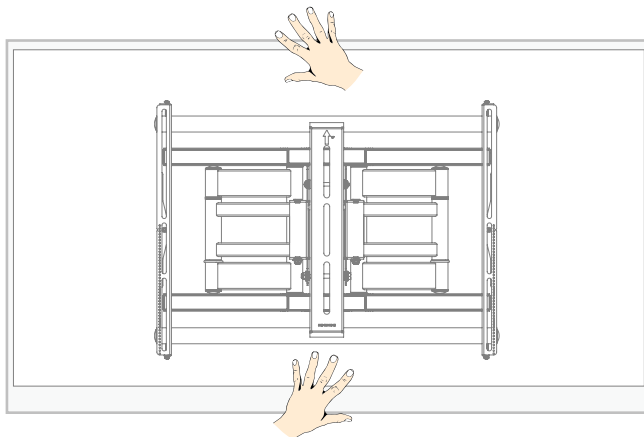
In the event that the display panel is tilted too far to one side, the leveling screws will allow you to compensate for this tilt by simply adjusting the screws with a screwdriver (see illustration to the right for a clearer view).

1. Use a screwdriver to adjust the two (2) M6 x 30 leveling screws, located on the top of the mounting brackets.
2. Once the display panel is level, use a screwdriver to tighten the two (2) M6 x 30 locking screws, located on the bottom of the mounting brackets. Do not over tighten these screws.

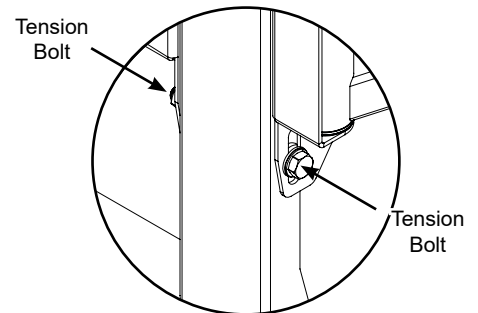
TILT ADJUSTMENTS

9

1. Place one hand at the center top edge of the display panel and place the other hand on the center bottom edge of the display panel.
2. Using the upper hand, gently push the top of the display panel towards the wall while the lower hand gently pulls the bottom of the display panel towards the wall.



TENSION ADJUSTMENTS



OPTIONAL: The tension bolts on the left and bottom right sides of the main arm assembly can be loosened to change the tilt tension. Tighten the bolts after tensioning.

