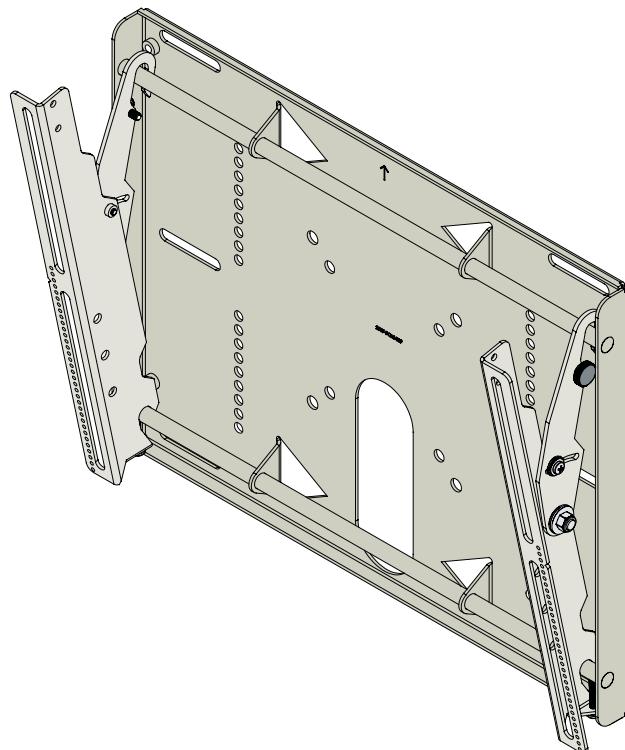


CTM-MS1
Installation Guide

**Tilting Mount for Display Panel
up to 160 lbs / 72.5 kgs**



9531-000-301-0X REV A



Rated Capacity**160 lbs / 72.5 kg**

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.

Maximum Flat Panel Weight:

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" 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.



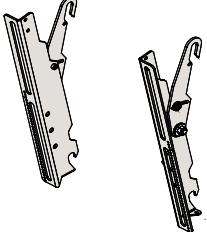
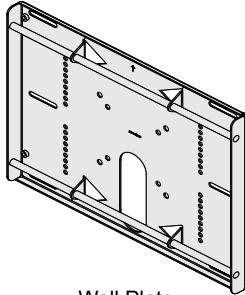
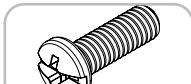
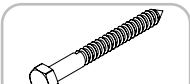
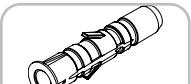
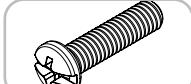
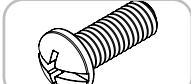
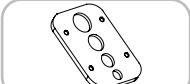
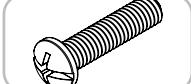
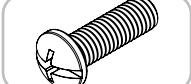
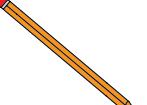
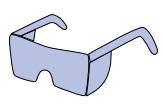
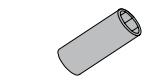
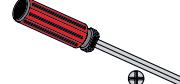
Make sure there are no water or natural gas lines inside the wall where the mount is to be located. Cutting or drilling into a water or gas line may cause severe property damage or personal injury.



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	PANELOCK HARDWARE KIT
 <p>Mounting Bracket (1 Pair)</p>  <p>Wall Plate (Qty 1)</p>	 <p>Panelock Hook (Qty 2)</p>  <p>Security Allen Key (Qty 1)</p>  <p>M6 x 12mm (Qty 2)</p>
HARDWARE	
 <p>M4 x 16mm (Qty 4)</p>  <p>M6 x 16mm (Qty 4)</p>  <p>M8 x 16mm (Qty 4)</p>  <p>5/16 x 3 Lag (Qty 4)</p>  <p>5/16 Washer (Qty 4)</p>  <p>Twist-Resistance 5/16 Anchor (Qty 4)</p>	
 <p>M4 x 25mm (Qty 4)</p>  <p>M6 x 25mm (Qty 4)</p>  <p>M8 x 25mm (Qty 4)</p>  <p>Griplate Washer (Qty 4)</p>  <p>Universal Spacer M4-M8 (Qty 8)</p>  <p>Depth Measuring Straw (Qty 1)</p>	
 <p>M4 x 30mm (Qty 4)</p>  <p>M6 x 30mm (Qty 6)</p>  <p>M8 x 30mm (Qty 4)</p>  <p>M6 Safety Knurl Knob (Qty 2)</p>	
TOOLS FOR INSTALLATION:	
 <p>Stud Finder</p>  <p>Pencil</p>  <p>Protective Eyewear</p>  <p>M6 or 1/4" Drill Bit</p>  <p>3/8" Masonry Drill Bit</p>	
 <p>Level</p>  <p>13mm or 1/2" Socket</p>  <p>Screwdriver</p>  <p>Socket Wrench</p>  <p>Portable Drill</p>	

WOOD STUD INSTALLATION

1a

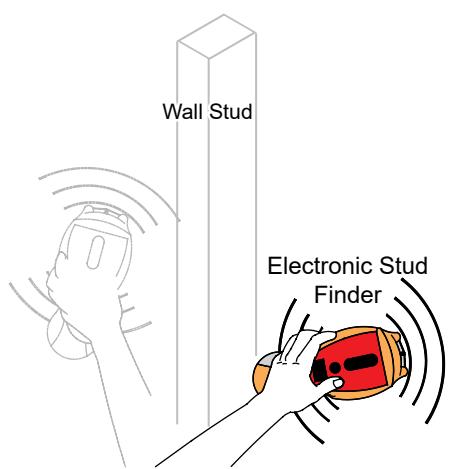
1. Determine the desired viewing location. Use a stud finder to locate two studs closest to the viewing location.
2. Once the studs have been located, use a pencil to mark the center of each stud.
3. Drill a pilot hole at the marked location using a power drill and a 1/4" drill bit.



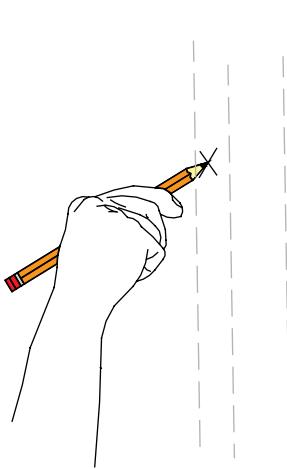
A minimum of two wall studs must be used in the installation of this product.



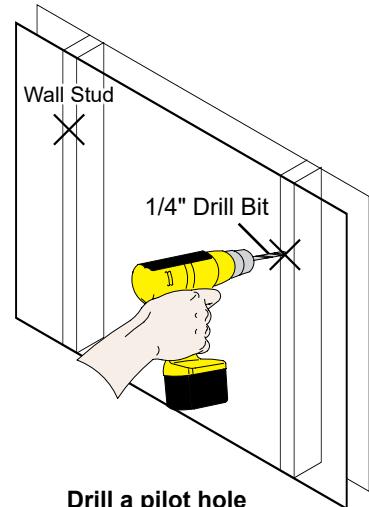
When determining viewing height, the center of the TV should be at eye level while sitting in an upright position. When using the flat-panel as room decoration, raise it to the point where the bottom of the screen is at eye level while sitting and the top is eye level when standing.



Locating the Studs



Marking the Studs

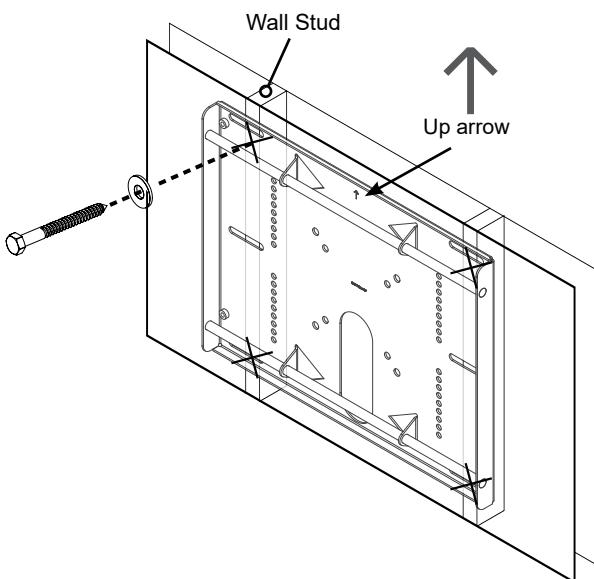


Drill a pilot hole

1. Level the mount.
2. Align the mounting slot with the drilled hole.
3. Insert and tighten 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

1b

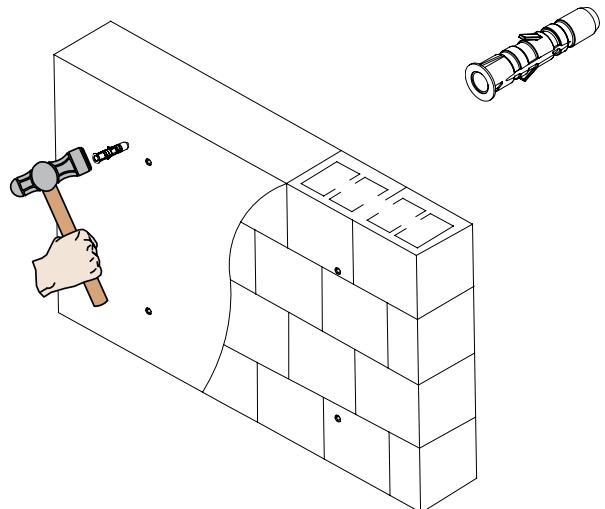
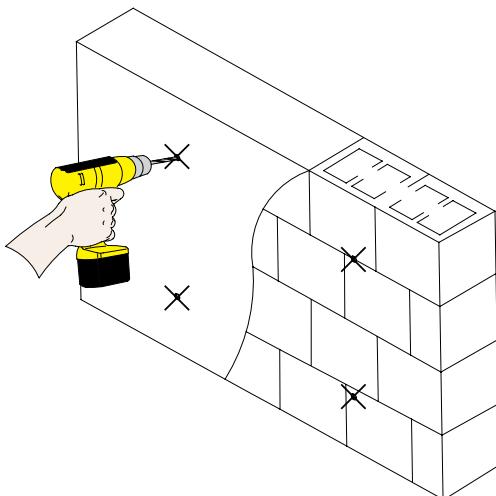
1. Determine the desired viewing location.
2. Place the mount into position against the wall and level the mount.
3. Mark off four holes to be used for securing the mount.
4. Drill holes using a 3/8" masonry bit (commercially available). Drill 3" deep.
5. Insert the finned anchors into each drilled holes.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

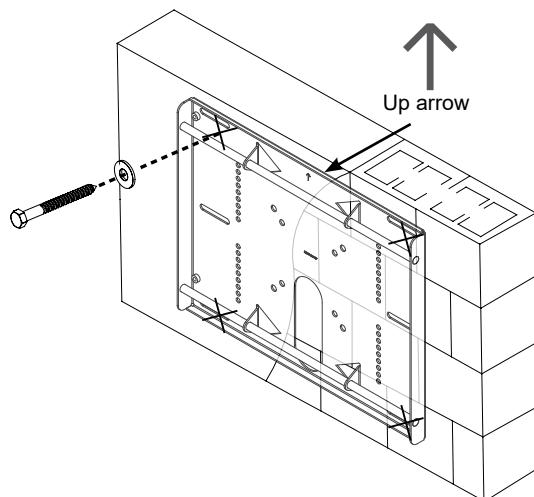


2b

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

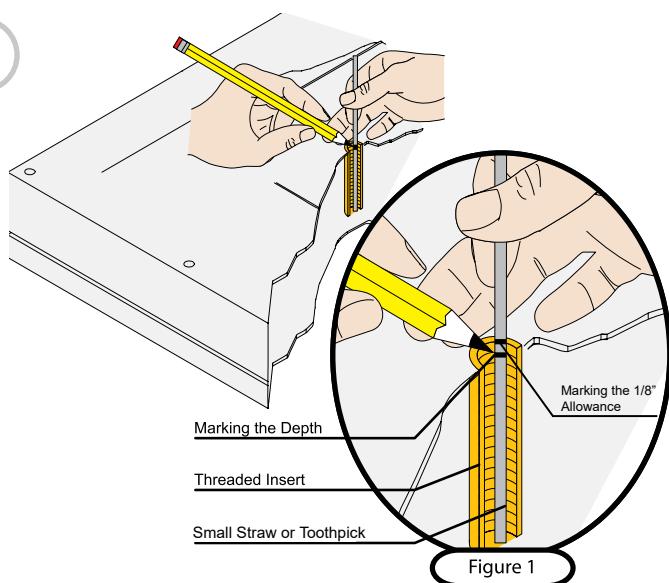


Do not over-tighten lag bolts when attaching the mount to the wall. Improper installation may result in personal injury or damage to property.

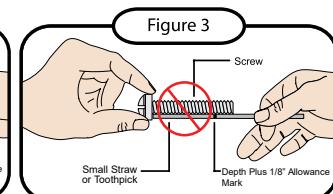
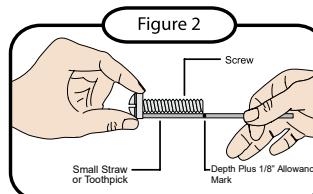


SELECTING THE MOUNTING HARDWARE

3



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.



INSTALLING THE MOUNTING BRACKETS

4

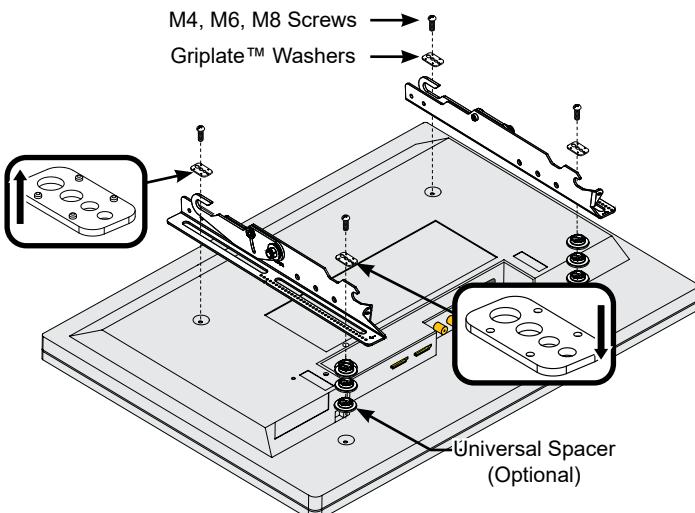
1. Place the display panel screen-side down on a soft, flat surface.
2. Align the brackets to the display mounting holes. Use the depth measuring straw to determine the appropriate hardware.
3. Use four (4) M4, M6, or M8 screws depending on display and four (4) Griplate™ (Universal Washer).



Do not overtighten the mounting hardware.

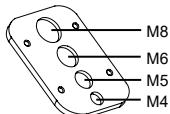


Do not place excessive pressure on the back, as this may damage the display panel.



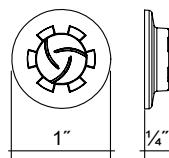
UNIVERSAL WASHER

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



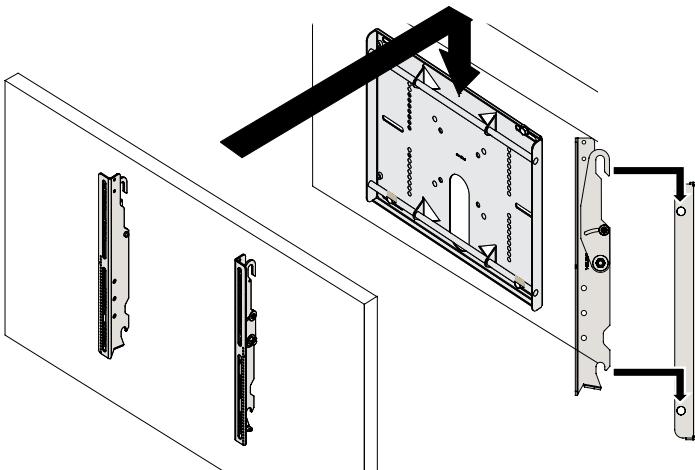
UNIVERSAL SPACER

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.



ATTACHING THE DISPLAY PANEL TO THE MOUNT

5



1. Place the flat panel past the top and bottom mounting rails on the wall panel.
2. Slide the flat panel down slowly, keeping it close to the wall.
3. Engage the top and bottom mounting brackets to the rails of the wall plate.



Do not release your flat panel until you are certain that top and bottom hooks of both mounting brackets are securely seated on the upper and lower mounting rails of the wall panel.

6a

1. Fully extend the display panel away from the wall.
2. Install a Safety Knurl Knob to each display bracket. This keeps the unit in place and prevents it from shifting out of position.

 For additional security, consider using the Panelock™ theft deterrent system. Panelock™ features security hardware that necessitates a specific tool for both installation and removal.

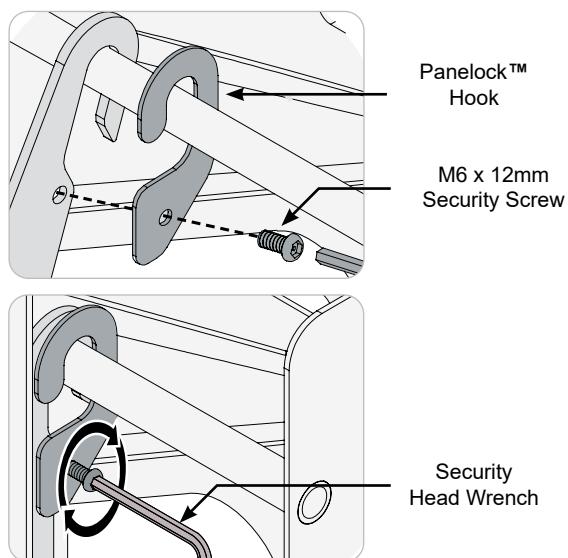


6b

PANELOCK™ INSTALLATION (optional)

1. Attach a Panelock™ hook to the top mounting rail of the wall plate. Place the hook adjacent to the display brackets, with the hook facing the other direction, as illustrated below.
2. Insert and tighten one (1) M6 x 12mm screw to attach the Panelock™ to the flat panel bracket.
3. Repeat the procedure for the opposite side.

 If the safety knurl knobs were previously installed, they must be removed prior to installing the Panelock™ hardware.

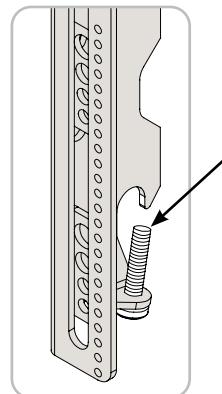


LOCKING SAFETY SCREW INSTALLATION

7

1. Thread an M6 x 30mm locking safety screw at the bottom of one of the mounting brackets.
2. Use a Phillips head screwdriver to tighten the locking safety screw.
3. Repeat the procedure for the opposite side.

! Installing a locking screw keeps the mounting brackets fully engaged with the wall plate and prevents it from being dismounted.
! Do not overtighten the locking safety screws.



ТИЛТИНГ ADJUSTMENT

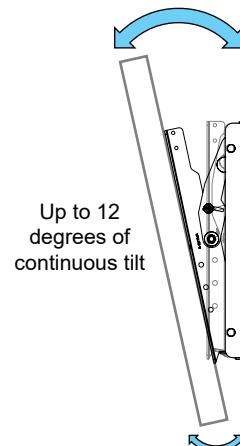
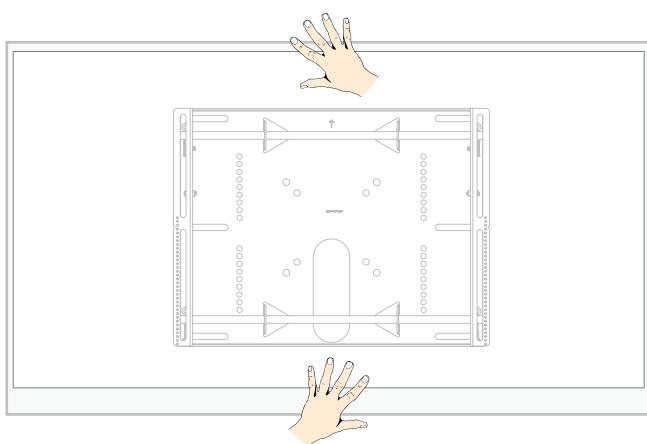
8

Adjusting the Display Panel Friction Tilt Angle

1. Place one hand on top and the other on the bottom edge of the display panel.
2. Gently pull the top of the display panel towards you with your upper hand, while pushing the bottom of the flat panel away from you with your lower hand.

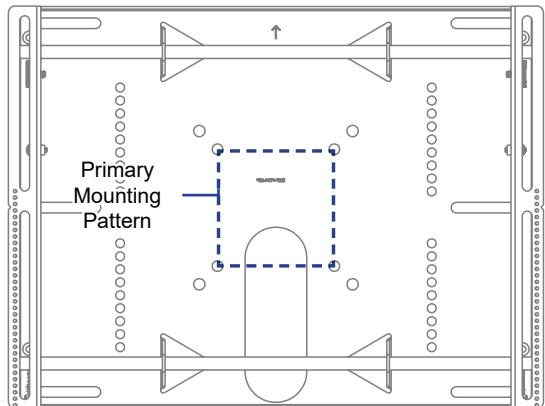
Adjusting the Display Panel to the Original Position

1. Place one hand on top and the other on the bottom edge of the display panel.
2. Gently push the top of the display toward the wall while using your other hand to gently pull the bottom of the display panel away from the wall.



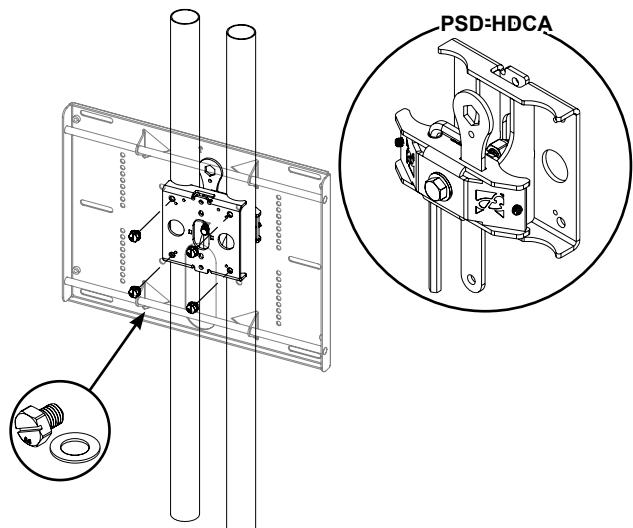
COMPATIBILITY

Mounting Pattern

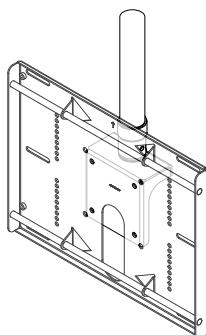


The standard 4.5" x 4.5" mounting pattern is compatible with most Premier mounting accessories.

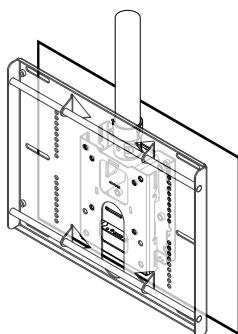
Dual Pole Option



Ceiling Option



PSD-D
1-1/2" NPT Ceiling Adapter
(Dual Side)



PSD-S
1-1/2" NPT Ceiling Adapter
(Single Side)

7160-1875-00
1-1/2" NPT Ceiling Adapter
with Ultra-Tilt

