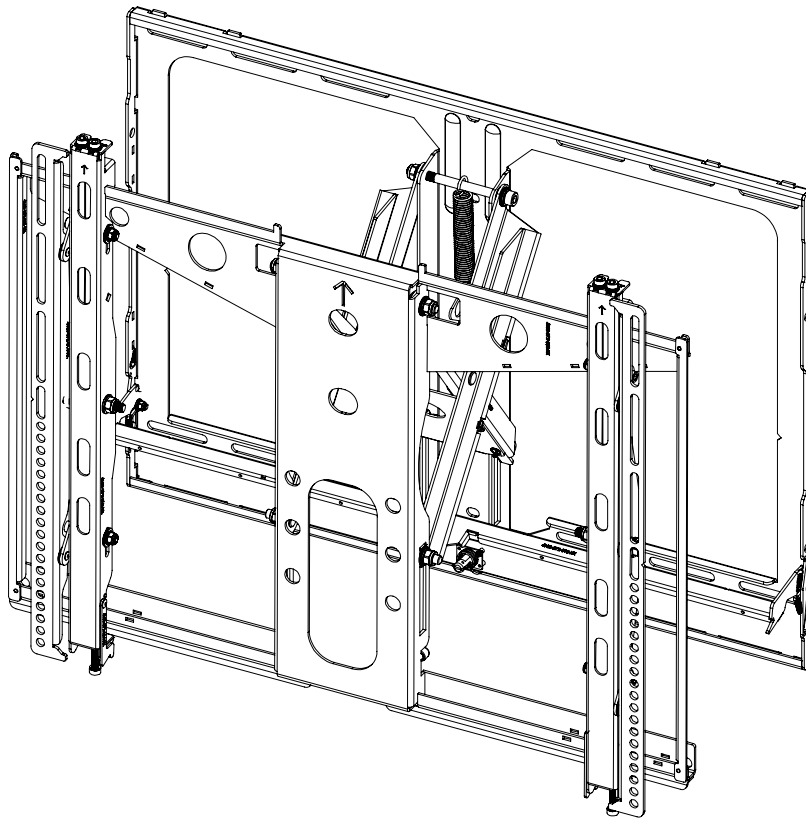


# LMVS

## Installation Guide

Press and Release Popout Slim Mount for  
display panels up to 100 lbs / 45.4 kg



9531-000-012-0X REV A



#### Rated Capacity

**100 lbs / 45.4 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" 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.



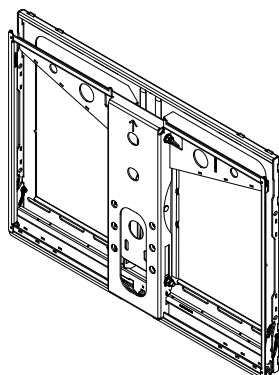
This product is intended for indoor use only. Use of this product outdoors could lead to product failure and/or serious personal injury.



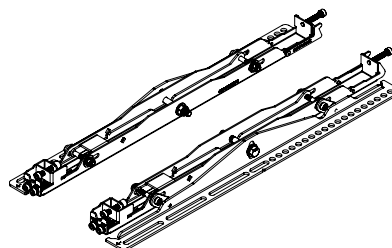
Do not install near sources of high heat. Do not install on a structure that is prone to vibration, movement or chance of impact.



## INCLUDES

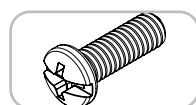


Wall Mount  
(Qty 1)

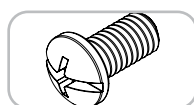


Bracket  
(Qty 1 Pair)

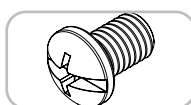
## HARDWARE



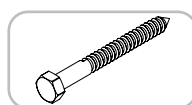
M4 x 12mm  
(Qty 4)



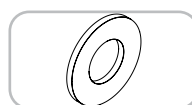
M6 x 12mm  
(Qty 4)



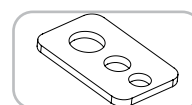
M8 x 12mm  
(Qty 4)



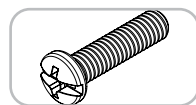
5/16 x 3 Lag  
(Qty 4)



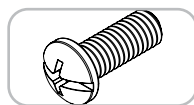
5/16 Washer  
(Qty 4)



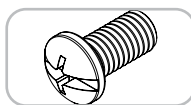
Universal Washer  
(Qty 4)



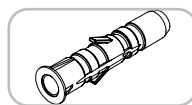
M4 x 16mm  
(Qty 4)



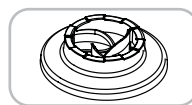
M6 x 16mm  
(Qty 4)



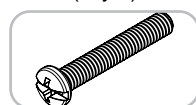
M8 x 16mm  
(Qty 4)



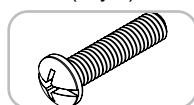
Twist-Resistance  
5/16 Anchor (Qty 4)



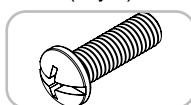
Universal Spacer  
M4-M8 (Qty 8)



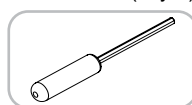
M4 x 25mm  
(Qty 4)



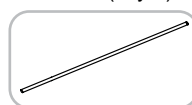
M6 x 25mm  
(Qty 4)



M8 x 25mm  
(Qty 4)



M5 Allen  
Driver (Qty 4)

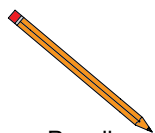


Depth Measuring  
Straw (Qty 1)

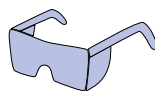
## TOOLS FOR INSTALLATION:



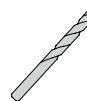
Stud Finder



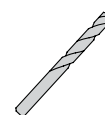
Pencil



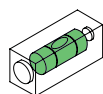
Protective Eyewear



M6 or 1/4" Drill Bit



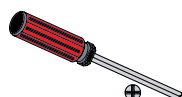
3/8" Masonry Drill Bit



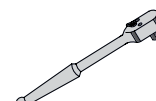
Level



13mm or 1/2" Socket



Screwdriver



Socket Wrench



Portable Drill



## WOOD STUD INSTALLATION

1a

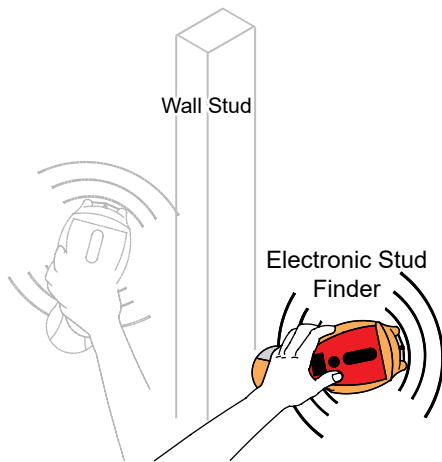
1. Determine the desired viewing location. Use a stud finder to locate two studs closest to the viewing location.
2. Once the studs have been located, use a pencil to mark the center of each stud.
3. Drill a pilot hole at the marked location using a power drill and a 1/4" drill bit.



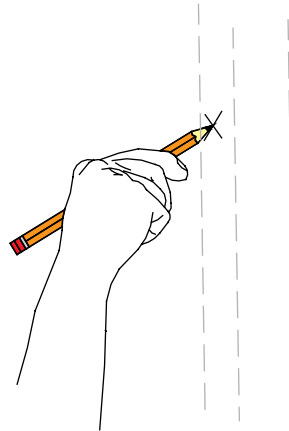
A minimum of two wall studs must be used in the installation of this product.



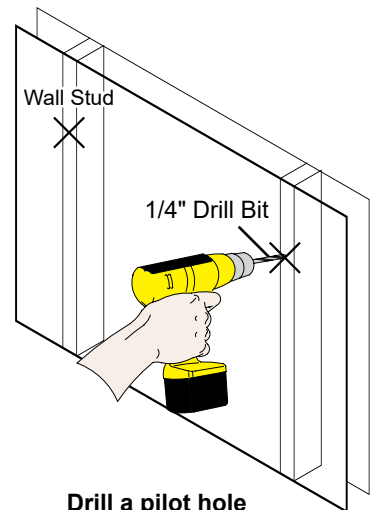
When determining viewing height, the center of the TV should be at eye level while sitting in an upright position. When using the flat-panel as room decoration, raise it to the point where the bottom of the screen is at eye level while sitting and the top is eye level when standing.



Locating the Studs



Marking the Studs



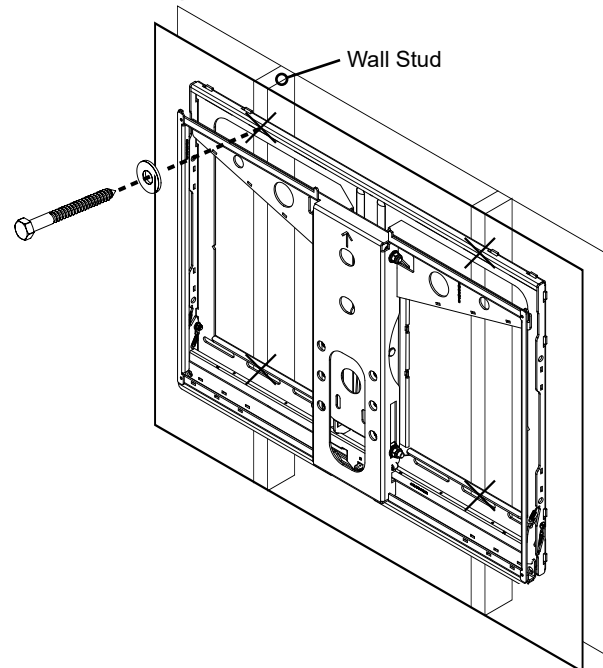
Drill a pilot hole

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.



## CONCRETE SURFACE INSTALLATION

1b

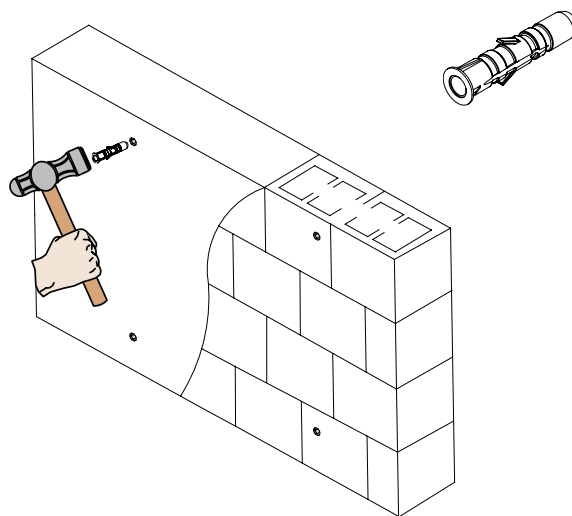
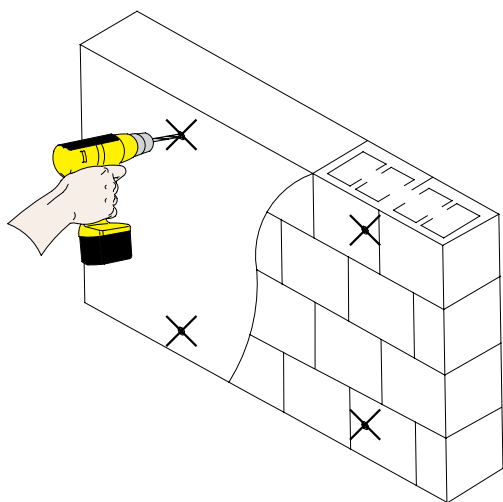
1. Determine the desired viewing location.
2. Place the mount into position against the wall and level the mount.
3. Mark off four holes to be used for securing the mount.
4. Drill holes using a 3/8" masonry bit (commercially available). Drill 3" deep.
5. Insert the finned anchors into each drilled holes.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

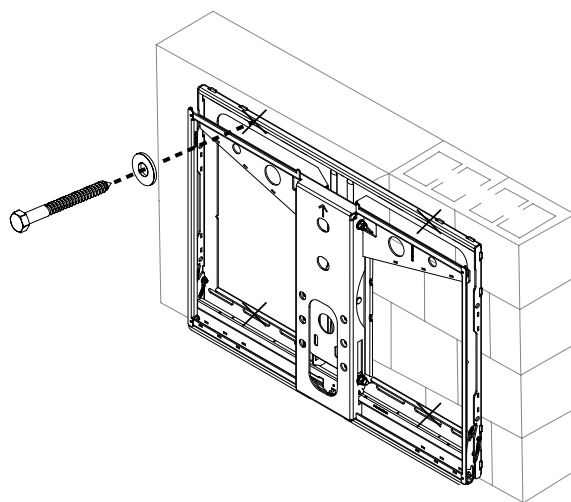


2b

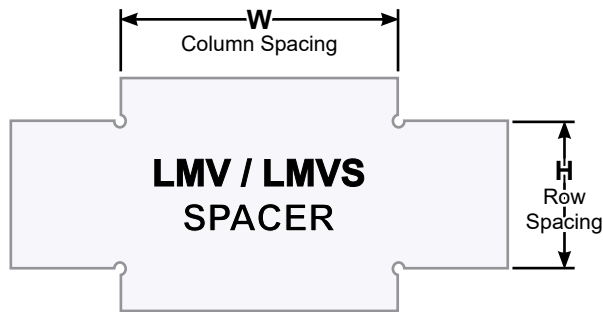
1. Level the mount.
2. Align the mounting slot with the drilled hole.
3. Insert and tighten one 5/16" x 3" lag bolt and flat washer. Tighten using a 1/2" socket wrench.



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



## VIDEO WALL INSTALLATION



LMV / LMVS spacer or spacer drawing are model-specific and available upon request. Contact customer service to inquire about model specific spacers.

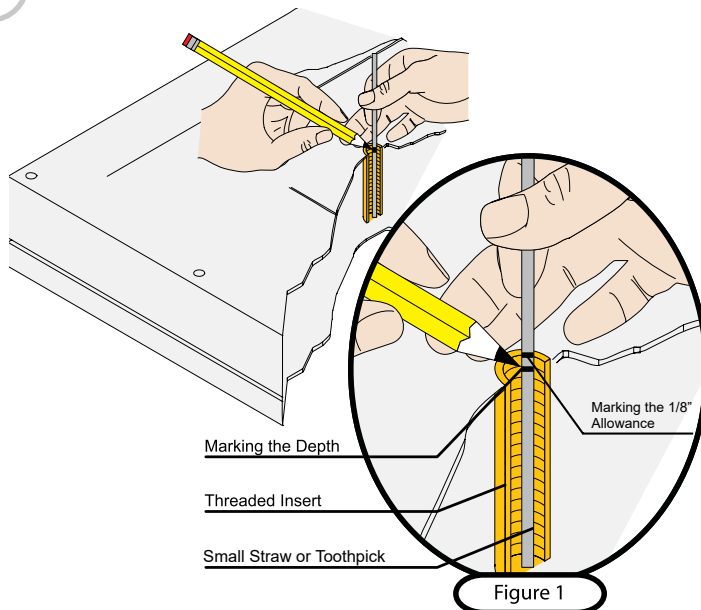
3

1. Inquire about a physical spacer template or spacer drawing.
2. Start off by mounting the first LMVS at any desired location.
3. Measure and mark the row and column spacing to the drawing. Alternatively, a spacer template can be placed in the corner register tab of the mount. Keep the spacer template plumbed and leveled.
4. Install the next LMVS above or below to create a row, or side to side to create the next column.
5. Repeat the previous step until the entire video wall matrix is formed.



## SELECTING THE MOUNTING HARDWARE

4



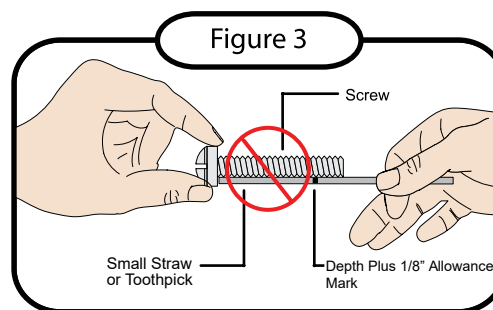
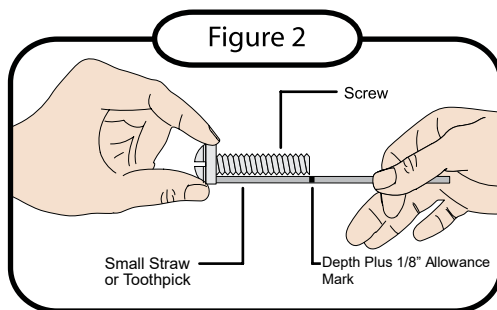
- 1) Insert a small straw or toothpick into the threaded inserts found on the back of the flat-panel.
- 2) Use a pencil to mark the depth of the threaded insert on the small straw or toothpick.
- 3) Mark the straw or toothpick 1/8" above the depth of the threaded insert, as shown in Figure 1.
- 4) Insert 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.



If the selected screw 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.

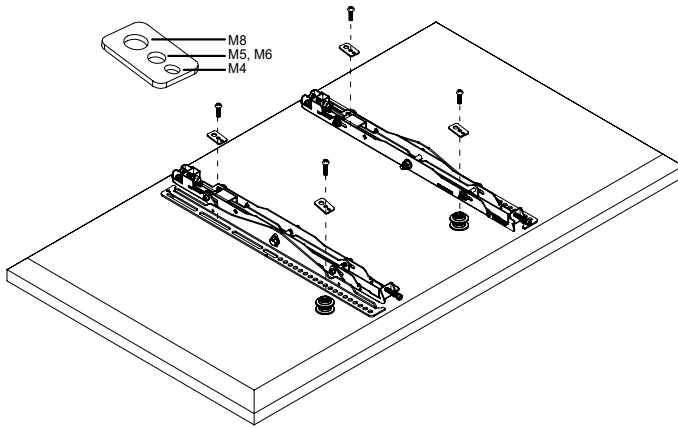
- 6) Test each size of the screws provided.

The correct screws should thread easily into the mounting point and not pull out when tension is applied.



## UNIVERSAL WASHER INSTALLATION

5



Universal Washers are designed to accommodate the various M4, M5, M6 and M8 hole sizes required by flat-panels.

1. Place the flat-panel screen-side down on a soft, flat surface.
2. Identify the number and location of the thread inserts on the back of the flat-panel.
3. Aligning the holes on each mounting bracket with the thread inserts on the back of your flat-panel.
4. Secure each mounting bracket to the flat-panel by inserting a minimum of two (2) screws per bracket.



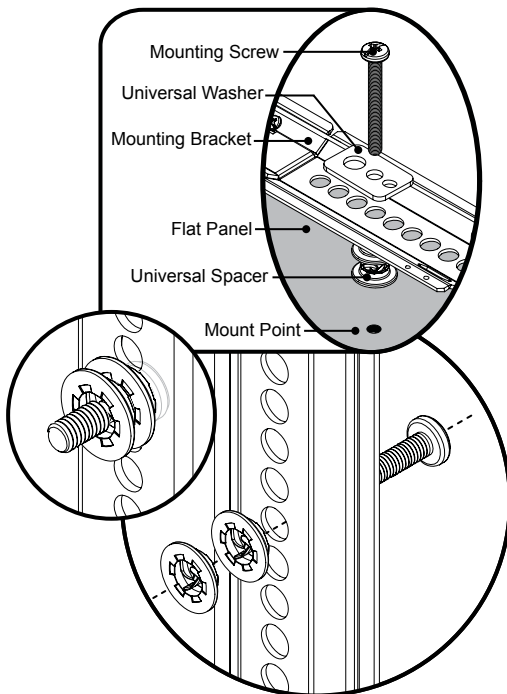
Do not over tighten the mounting hardware.



Make sure the directional arrows on the mounting brackets are facing up.

## UNIVERSAL SPACER INSTALLATION

6



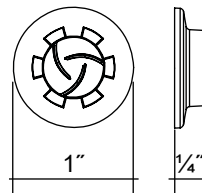
Universal Spacers allow the user to attach the mounting bracket to flat-panels which have recessed or uneven mount points. Each Universal Spacer adds 1/4" to the distance between the mounting bracket and the flat-panel.



The Universal Spacers must be stacked and oriented as shown.



The Universal Spacers must only be installed between the mounting bracket and the flat-panel.





## ATTACHING THE FLAT-PANEL TO THE MOUNT

7

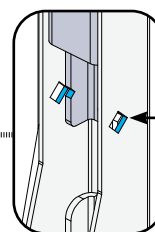
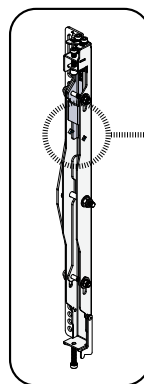
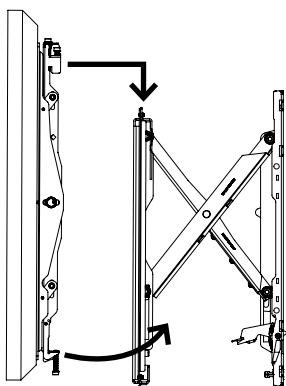
1. Raise the flat-panel past the top and bottom mounting rails on the wall panel.
2. Slide the flat-panel down slowly, keeping it close to the wall.
3. Engage the top and bottom mounting brackets to the rails of the mount



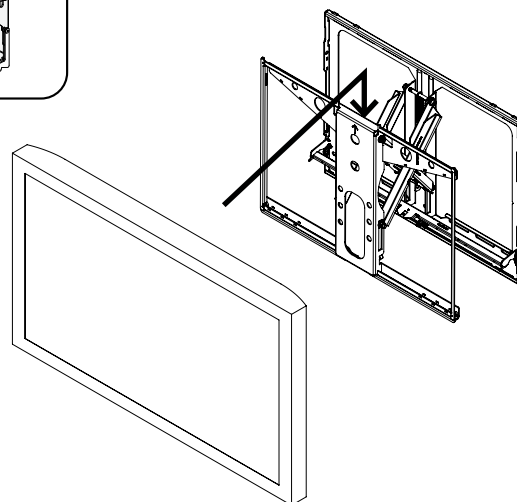
Mounting bracket adjustments are factory pre-set (see **Note**).



Do not release the flat-panel prematurely. The top and bottom hooks of both mounting brackets must be securely seated on the upper and lower mounting rails.



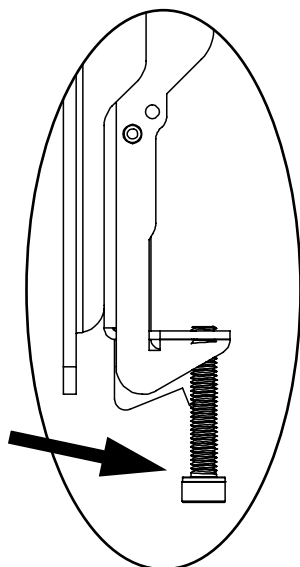
**Note:** These registers must align prior to installation. They are factory set. Check to determine proper alignment



## LOCKING SAFETY SCREW INSTALLATION

8

Pre-installed  
Locking Safety  
Screw  
(1 per Bracket )



1. Locate the pre-installed security locking safety screw at the bottom of each of the mounting brackets.
2. Use the M5 Allen driver (supplied) to tighten the locking safety screw. **Tighten screw to surface, then tighten 1/4" turn**



The locking safety screws keep the flat-panel from being accidentally dislodged from the LMVS.



Do not overtighten the locking safety screws.



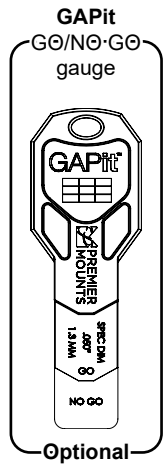
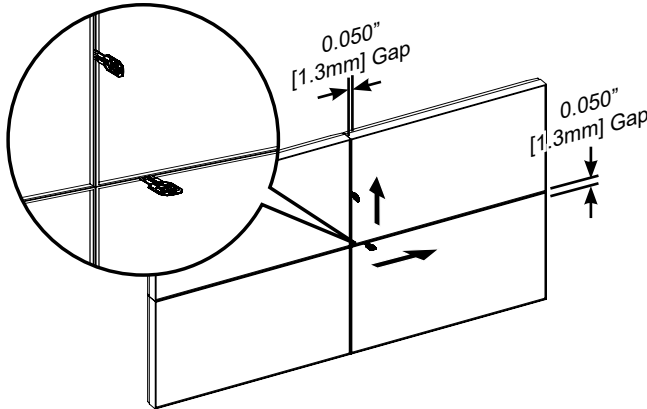
**ONLY TIGHTEN AFTER  
FINAL ADJUSTMENT**

## THERMAL EXPANSION GAP

9



Create a gap between the displays by placing a 0.050" (1.3mm) gauge between them, both vertically and horizontally. This adjustment will accommodate movement caused by temperature changes, ensuring optimal performance and preventing potential damage. Additionally, routinely check that the gap remains consistent over time.



## MAINTENANCE

1. Push evenly in the front of the LMVS to release the single latch spring lock (Figure 1).
2. Slowly pull the front of the LMVS to extend the scissor arms (Figure 2).
3. Loosen the locking safety screws on both mounting brackets.
4. Tilt up the bottom of the flat-panel, then set their kickstands against the frame of the mount (Figures 2 & 3).
5. Perform any necessary repairs. Disengage the kickstand and tighten the locking screw after servicing.

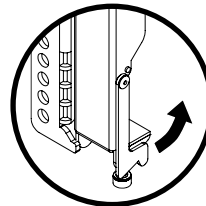
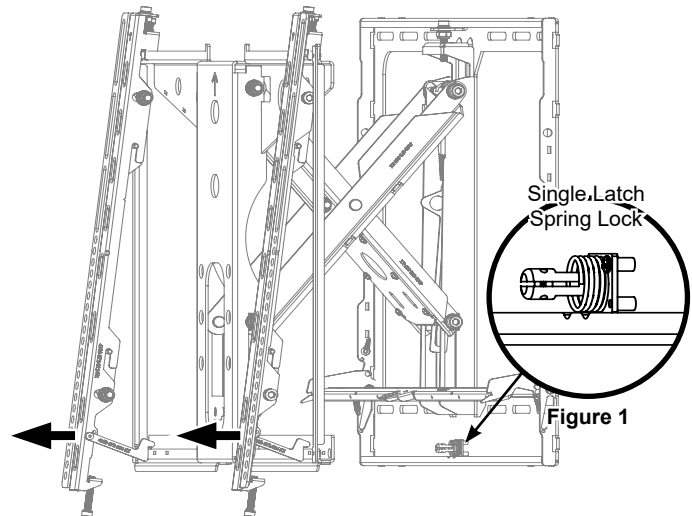
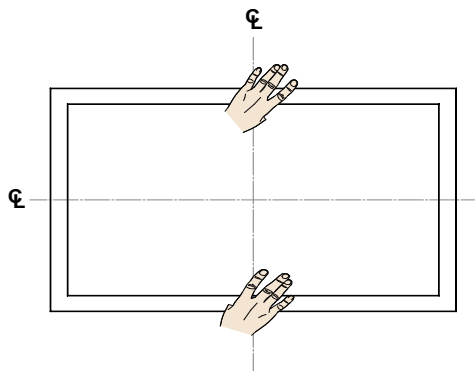


Figure 2

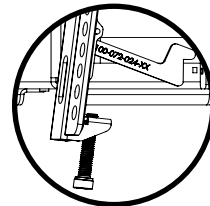
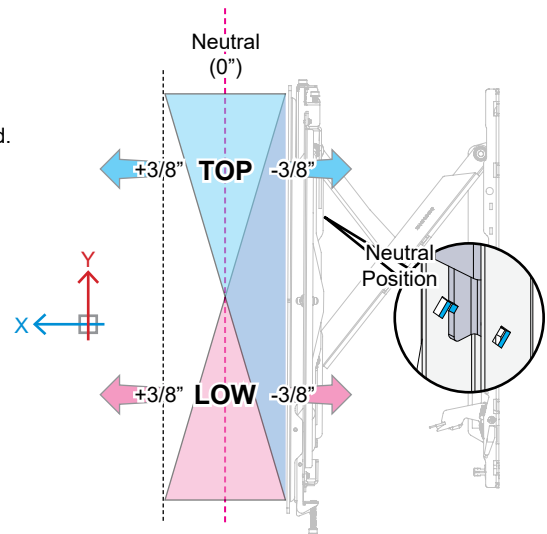
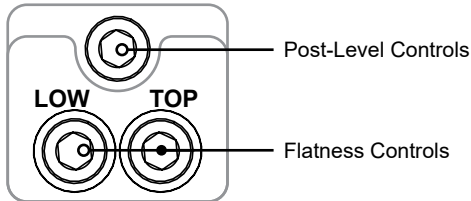


Figure 3

## FINETUNE DISPLAY BRACKETS

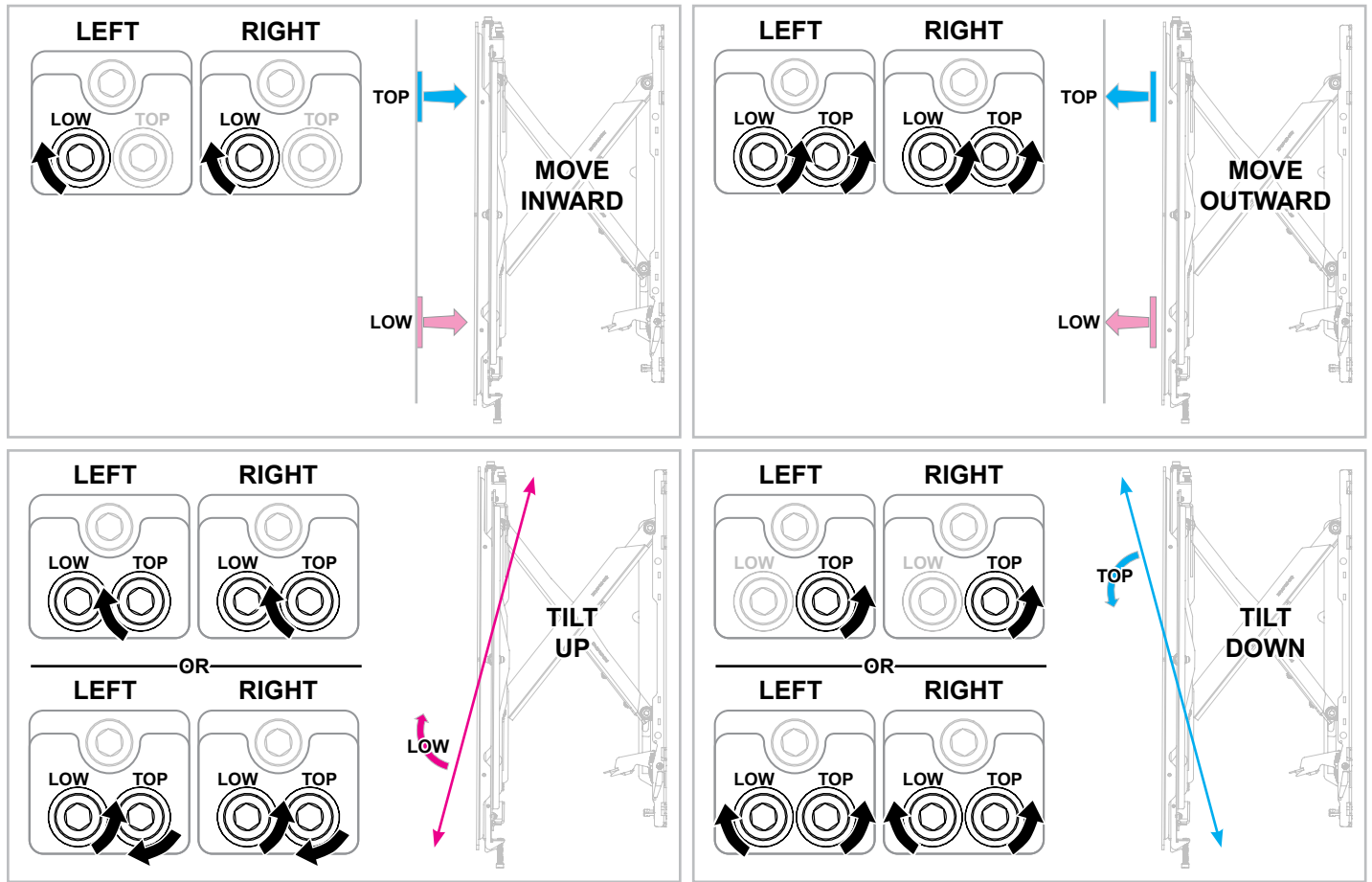
Finetune brackets features flatness adjustment (in/out adjustment) at two independent pivot points, Top and Low.

- Each pivot can extend  $\pm 3/8"$  from neutral or  $3/4"$  when fully extended.
- The brackets can tilt for flatness adjustments, up to  $\pm 2.75^\circ$ .
- The bracket features  $1/4"$  of post-leveling on each bracket.

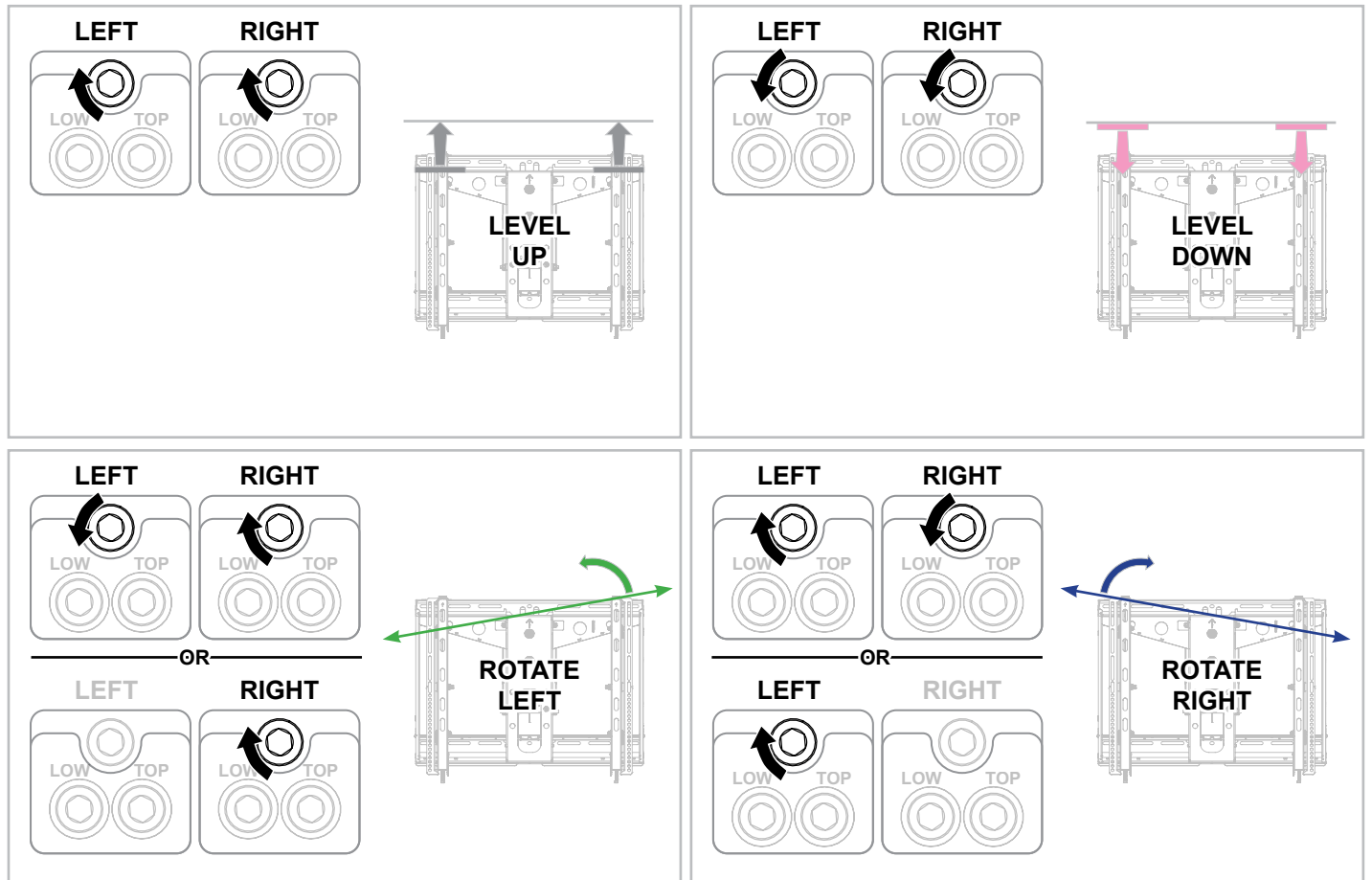


Exaggerated View

## FLATNESS ADJUSTMENTS



## POST-LEVEL ADJUSTMENTS



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**E** orders@premiermounts.com

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**F** 1-715-344-5209

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