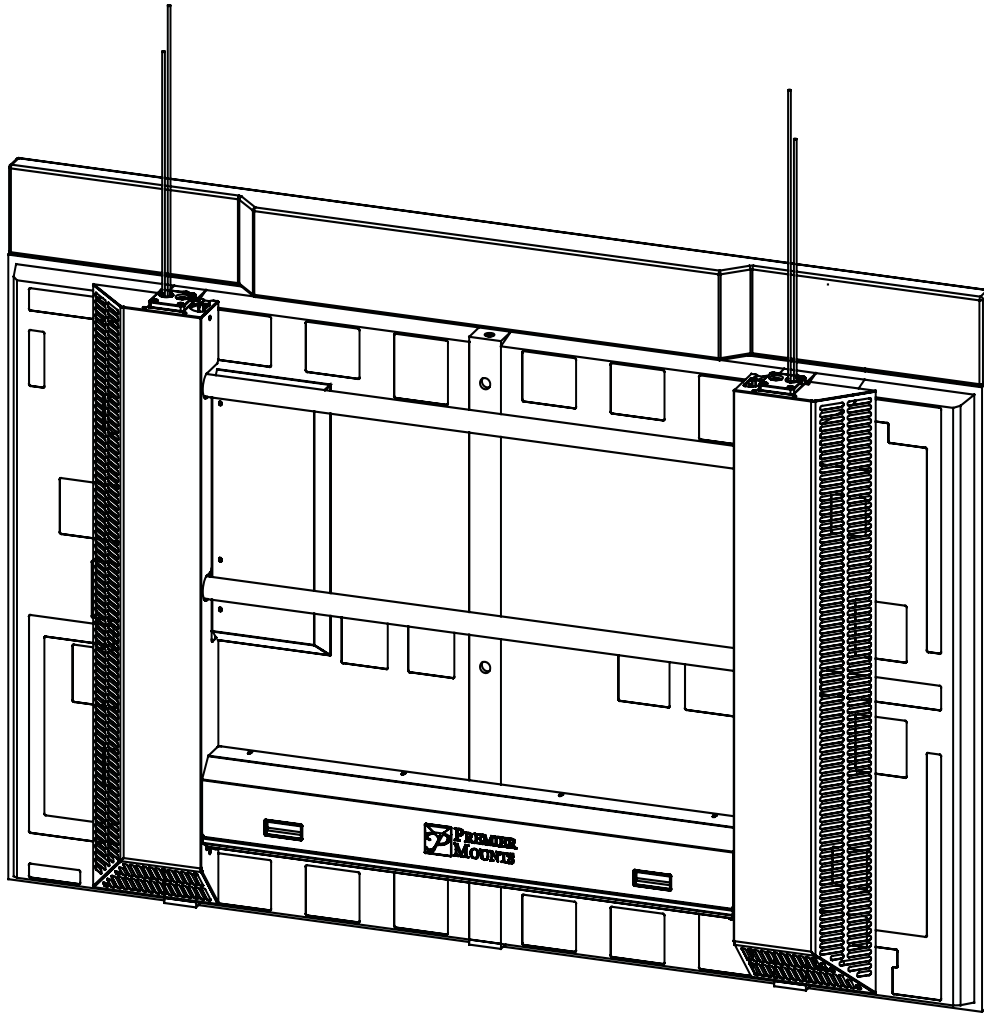


INSTALLATION INSTRUCTIONS



SCM-103
Suspended Ceiling Mount

NORTH AMERICA

3130 East Miraloma Avenue
Anaheim, CA 92806 USA
USA and Canada –
Phone: 800-368-9700
Fax: 800-832-4888

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Swallow House,
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P.O. Box 295
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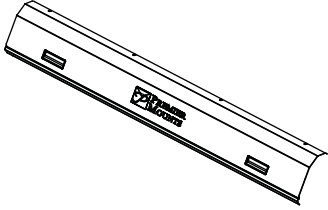
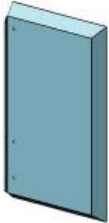
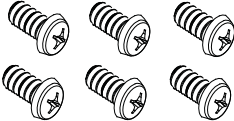
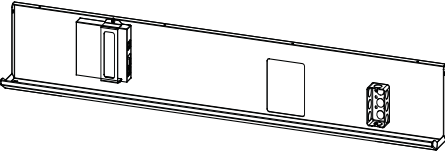

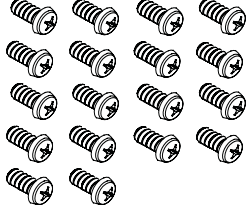
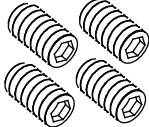

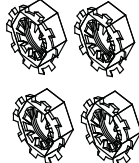
-  **IT IS REQUIRED THAT THE INSTALLATION LOCATION BE INSPECTED AND APPROVED BY A LICENSED STRUCTURAL ENGINEER.**
-  PRIOR TO THE INSTALLATION OF THIS PRODUCT, THE INSTALLATION INSTRUCTIONS SHOULD BE READ AND COMPLETELY UNDERSTOOD. THE INSTALLATION INSTRUCTIONS MUST BE READ TO PREVENT PERSONAL INJURY AND PROPERTY DAMAGE. KEEP THESE INSTALLATION INSTRUCTIONS IN AN EASILY ACCESSIBLE LOCATION FOR FUTURE REFERENCE.
-  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.
-  THE SURFACE MUST BE CAPABLE OF SUPPORTING AT LEAST FIVE TIMES THE WEIGHT OF THE DISPLAY. IF NOT, THE CEILING STRUCTURE MUST BE REINFORCED. THE MAXIMUM WEIGHT THAT CAN BE USED WITH THIS PRODUCT IS 2000LBS. PROPER INSTALLATION PROCEDURE BY A QUALIFIED SERVICE TECHNICIAN, AS OUTLINED IN THE INSTALLATION INSTRUCTIONS, MUST BE ADHERED TO. FAILURE TO DO SO COULD RESULT IN SERIOUS PERSONAL INJURY, OR EVEN DEATH.
-  SAFETY MEASURES MUST BE PRACTICED AT ALL TIMES DURING THE ASSEMBLY OF THIS PRODUCT. USE PROPER SAFETY GEAR AND TOOLS FOR THE ASSEMBLY PROCEDURE TO PREVENT PERSONAL INJURY.
-  At least two qualified people should perform the assembly procedure. Injury and/or damage can result from dropping or mishandling the display.
-  If mounting to studs, make sure that the mounting screws are anchored into the center of the studs. Use of an edge-to-edge stud finder is recommended.
-  This product is intended for indoor use only. Use of this product outdoors could lead to product failure and 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
-  Contact Premier Mounts with any questions
(800) 368-9700
techsupport@mounts.com
-  **NOTE** Redundancy in Engineering is the duplication of critical components of a system with the intention of increasing reliability of the system, usually in the case of a backup or fail-safe.



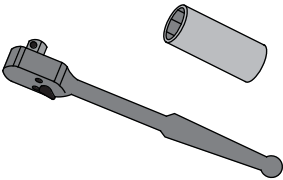
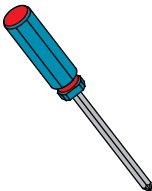
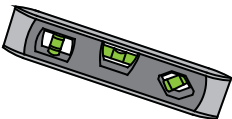
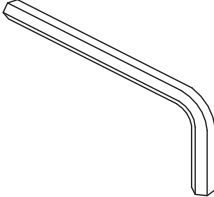
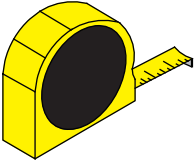
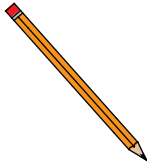

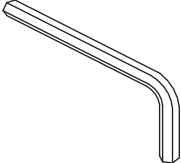
Parts List



This ceiling mount is shipped with all proper installation hardware and components. Make sure that none of these parts are missing and/or damaged before beginning installation. If there are missing and/or damaged parts, please stop the installation and contact Premier Mounts (800-368-9700).

 <p>Mounting Brackets (Qty 2)</p>	 <p>Mounting Bracket Covers (Qty 2)</p>	 <p>Tubing (Qty 3)</p>	 <p>Lower Cover (Qty 1)</p>
 <p>Display Input Cover (Qty 1)</p>	 <p>8-32 x 1/2" Phillips Screws (Qty 6)</p>	 <p>Lower Cover Panel (Qty 1)</p>	 <p>Plastic Coupler Inserts (Qty 4)</p>
 <p>8-32 x 3/8" Phillips Screws (Qty 18)</p>	 <p>6-32 x 1/4" Set Screw (Qty 4)</p>	 <p>Clevis Pins (Qty 6)</p>	 <p>10-32 Kep Nut (Qty 4)</p>

Recommended Installation Tools

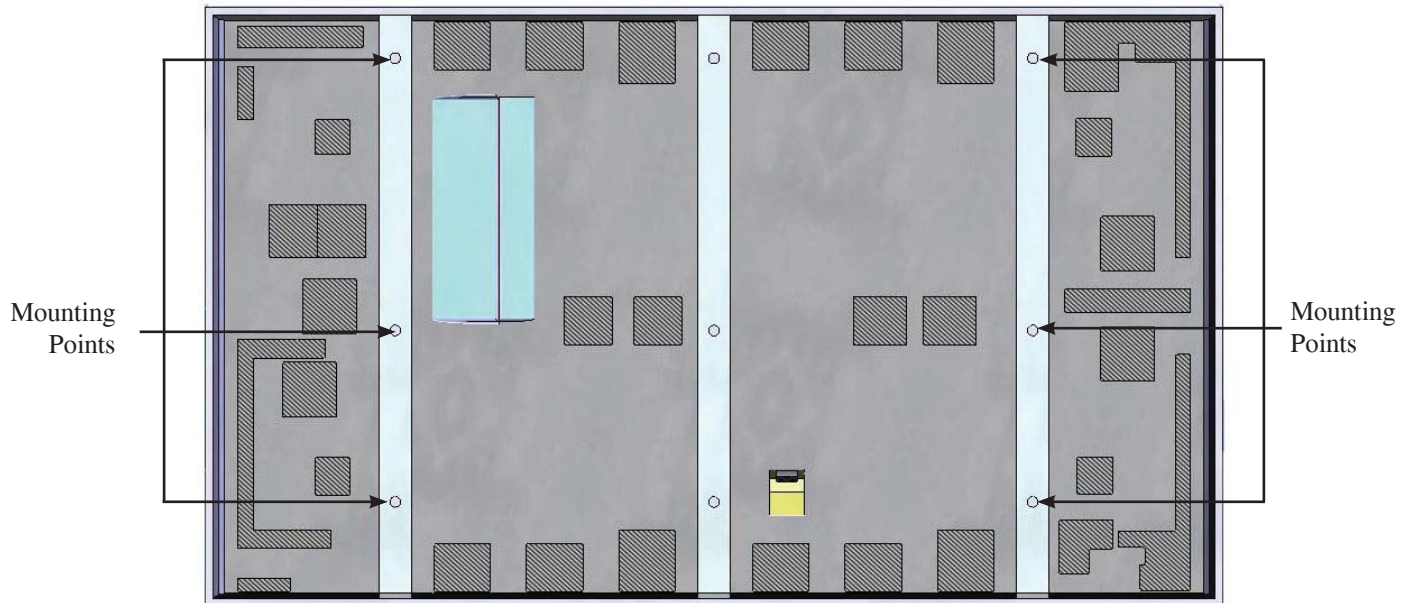
 <p>1/2" Socket and Wrench</p>	 <p>Screwdriver</p>	 <p>Spirit Level (Supplied)</p>	 <p>1/8" Allen wrench (Supplied)</p>
 <p>Tape Measure</p>	 <p>Pencil</p>	 <p>Stud Finder</p>	 <p>1/16" Allen wrench (Supplied)</p>



Locate the Mounting Points



The display comes with four (4) M16 screws with quick release sleeves that are pre-installed on the display.



Step 1. Locate the 4 quick release sleeves on the back of the display and remove. Place the M16 bolts and split washers to the side. These will be used for bracket installation on the next page.

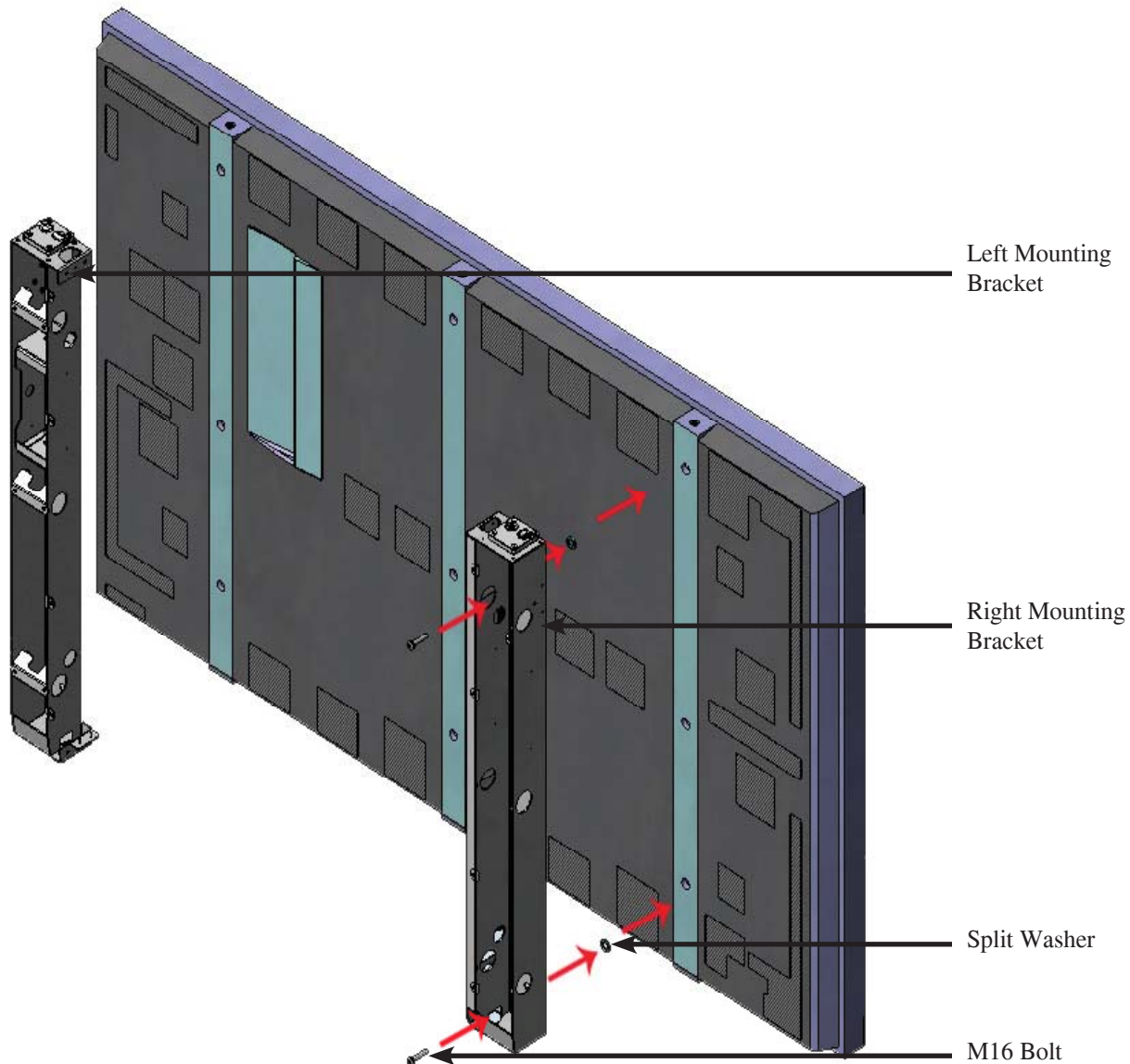


Mounting the Brackets to the Display



CAUTION

The following steps will require a minimum of 3 people. This should not be done with less than 3 people due to the weight of mounting brackets.



- Step 1.** Align the mounting bracket holes up with the mounting holes on the back of the display. There are two mounting holes used on each side of the display.
- Step 2.** Place the split washer between the display and the mounting bracket.
- Step 3.** Insert the M16 mounting bolt through the mounting bracket then through the split washer into the display.
- Step 4.** Tighten the bolt into place and repeat the steps for the remaining three bolts.

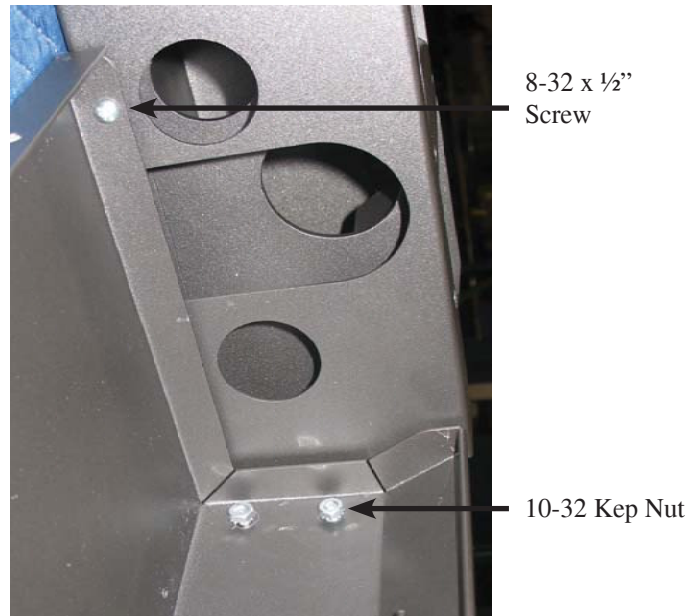
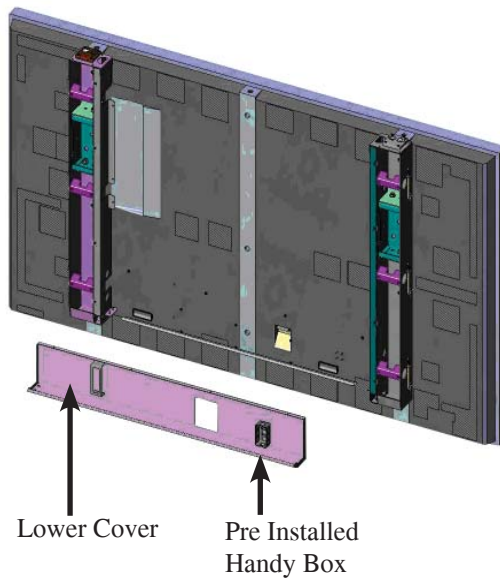
! DO NOT OVERTIGHTEN THE M16 BOLTS. DOING SO MAY RESULT IN DAMAGE TO THE DISPLAY. TIGHTEN TO MANUFACTURERS SPECIFICATIONS.



Securing the Lower Cover

**CAUTION**

THE SCM-103 IS HEAVY. IT IS STRONGLY RECOMMENDED THAT THREE PEOPLE PERFORM ALL INSTALLATION STEPS.

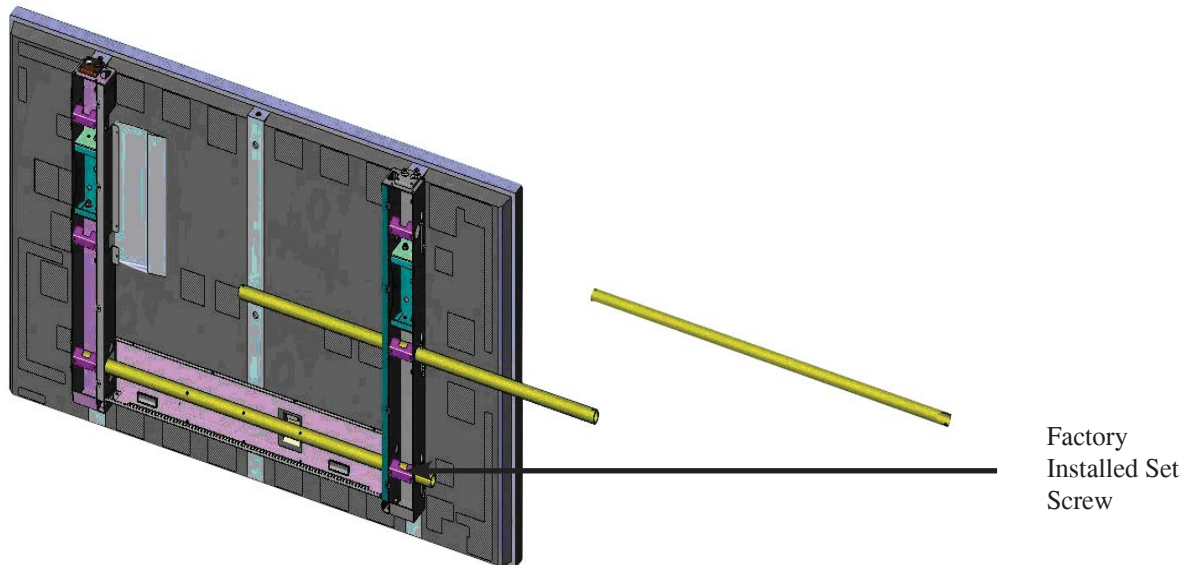


Step 1. Insert the lower cover between the vertical mounting brackets.

Step 2. Attach four (4) 10-32 Kep Nuts and tighten down securing the lower cover into place.

Step 3. Insert two (2) 8-32 x 1/2" screws and tighten down the lower cover bracket against the vertical side mounting brackets.

Securing Tubes to Mounting Brackets



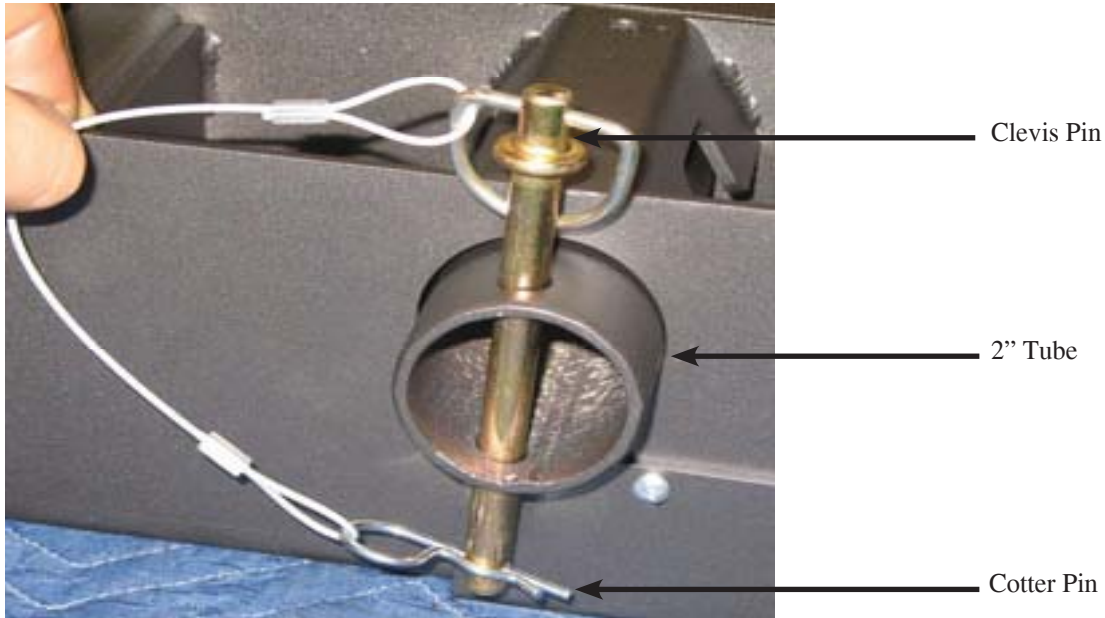
Step 1. Slide the tubes into the cut outs on the side of the mounting brackets.

Step 2. Slide the tubes in enough to have an even amount showing on each side of the left & right mounting brackets.

Step 3. Once tubes are slid into place, tighten all twelve (12) pre-installed set screws located in the display mounting brackets using the 1/8" Allen wrench (supplied). These screws are installed at the factory and are used to lock the tubes into place.

**CAUTION**

THE SCM-103 IS HEAVY. IT IS STRONGLY RECOMMENDED THAT THREE PEOPLE PERFORM ALL INSTALLATION STEPS.



Step 5. Once the tubes are locked into place insert the clevis pins into the hole at the end of each tube.

Step 6. Lock each clevis pin into place by inserting the attached cotter pin into the hole.



Now that the mount is attached to the display, double check all mounting locations to insure all hardware is properly tightened and secured.



Lifting the Display into Position



IN THE NEXT STEP A LIFTING DEVICE SUCH AS A FORKLIFT , SCISSOR LIFT, OR HOIST WILL NEED TO BE UTILIZED IN ORDER TO LIFT DISPLAY INTO POSITION. NOT DOING SO COULD RESULT IN PERSONAL INJURY OR DAMAGE TO THE DISPLAY.



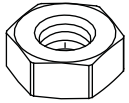
CAUTION THE SCM-103 IS HEAVY. IT IS STRONGLY RECOMMENDED THAT THREE PEOPLE PERFORM ALL INSTALLATION STEPS.



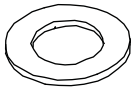
NOTE The display may be hung from a ceiling structure using two (2) main support cables and two (2) safety cables. Length, mounting location and method of attachment will be provided by the installer. The components (below) that are used to hang the SCM-103 are sold separately and may be ordered through Premier Mounts (800) 368-9700.



1/4" stainless steel 7 x 19 wire rope assembly w/ 1/2" - 20 NF stainless steel threaded stud with 3-1/2" thread min. on one end only



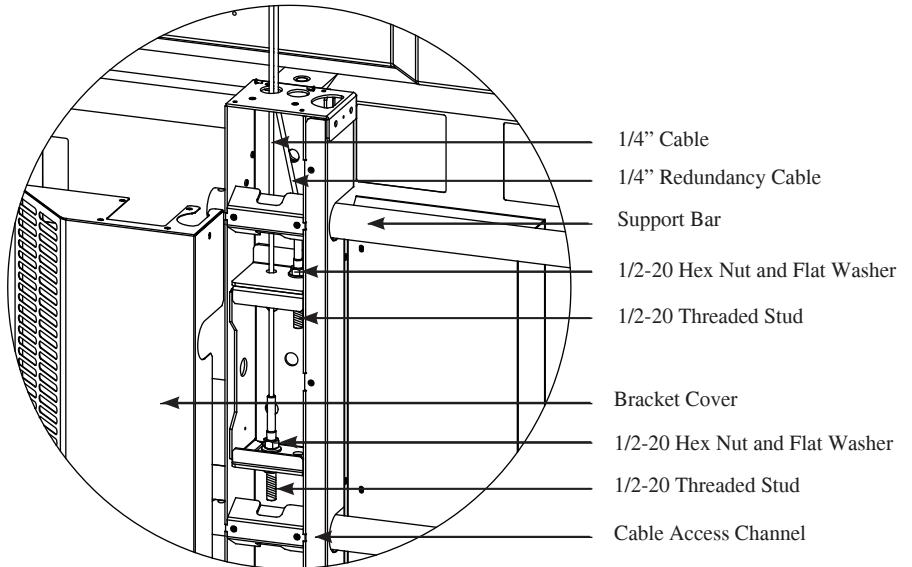
1/2-20 NF hex nut (Qty 18)



Flat Washer (Qty 8)



1/4" Steel Thimble



Pre-Hung Cable

Fork Lift

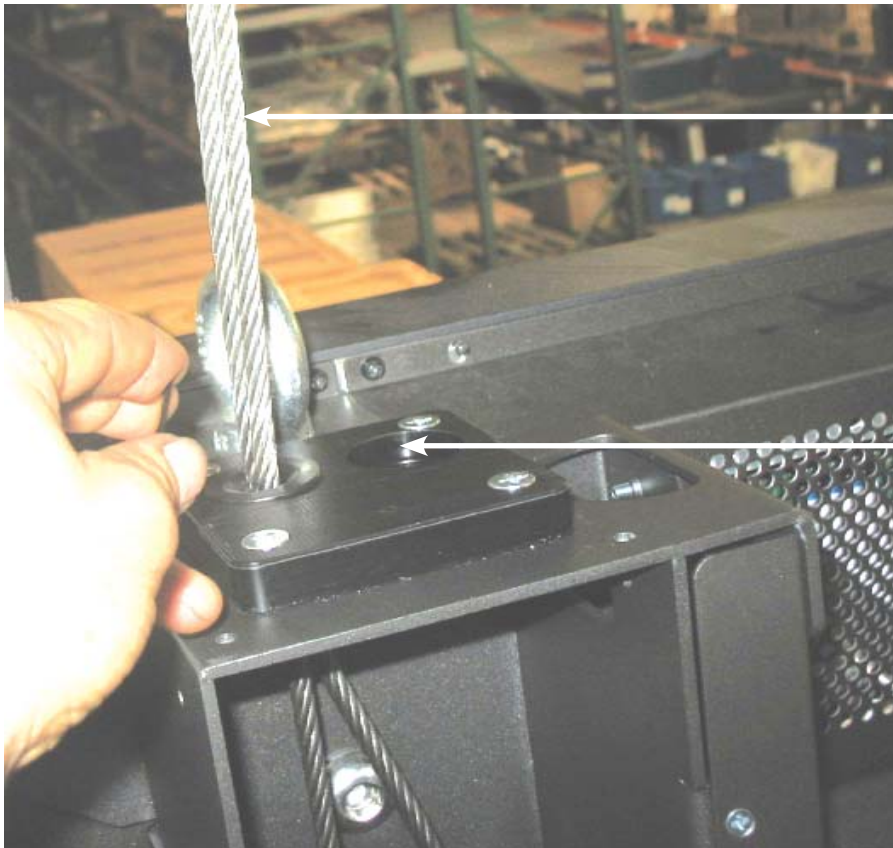
Display Secured to Pallet

Scissor Lift

Step 1. Raise the display to the desired height (Refer to the display manufacturer specs on raising the display into position and the different options available).



Cable Routing



Pre-Hung
Cable

2 Hole
Locations for
Cable Routing

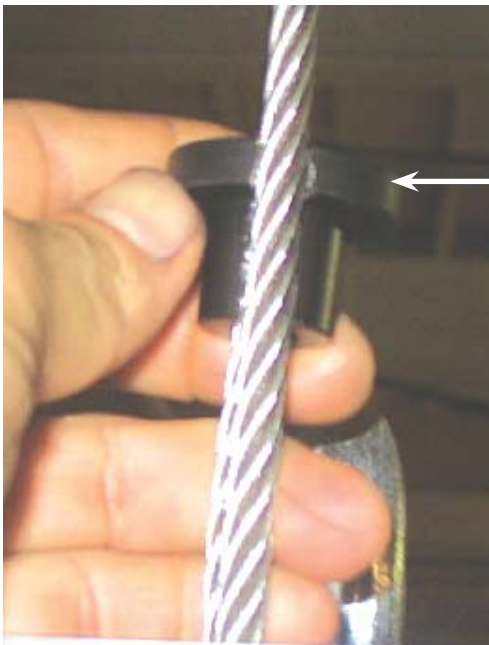
Step 1. Route the pre-hung cables through the top of the left and right mounting brackets attached to the display.



NOTE

Two holes are provided at the top of each mounting bracket. Cables can be routed so both are going through one hole or routed so each cable runs through its own hole.

The system is designed to allow for 2 cables on each mounting bracket. 1 cable for support & 1 as a safety redundancy cable.

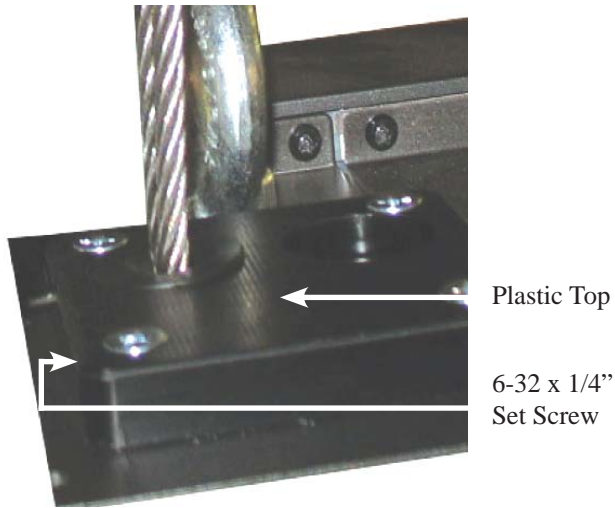


Plastic Insert
Plug

Step 2. Locate the plastic insert plugs and slip around cable through the cut out in the side of the insert.

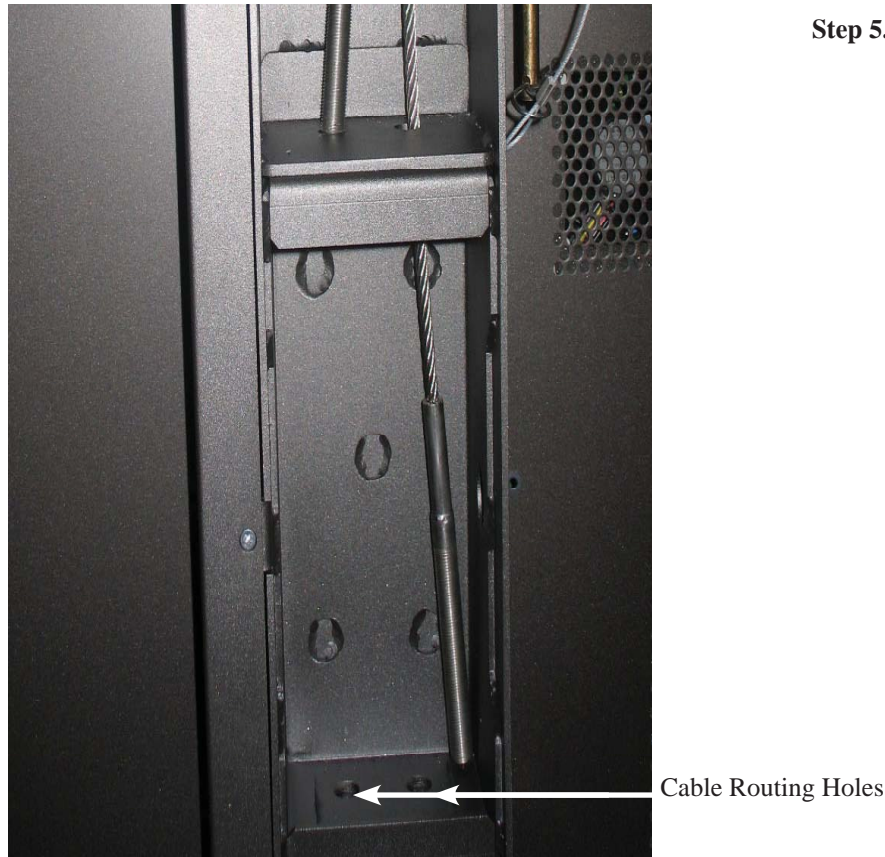
**CAUTION**

THE SCM-103 IS HEAVY. IT IS STRONGLY RECOMMENDED THAT THREE PEOPLE PERFORM ALL INSTALLATION STEPS.



Step 3. Slide plastic insert plug down cabling and insert into the top of the mounting bracket. A cut out in the mounting bracket is provided that will allow the plastic cap to sit flush with the top of the mounting bracket

Step 4. Locate the 6-32 x 1/4" Set Screw and insert into the sides of the plastic top locking the plastic plug into position. The set screw location is on the side of each plastic top. Tighten the set screw using 1/16" Allen wrench.



Step 5. Route the cable down through the provided holes on the display mounting bracket.

**CAUTION**

THE SCM-103 IS HEAVY. IT IS STRONGLY RECOMMENDED THAT THREE PEOPLE PERFORM ALL INSTALLATION STEPS.



Step 6. Locate the ½”-20 Nuts & ½” flat washer.

Step 7. Measure 1 ¾” inches up the threaded stud attached to the cable and thread one ½-20 nut into position.

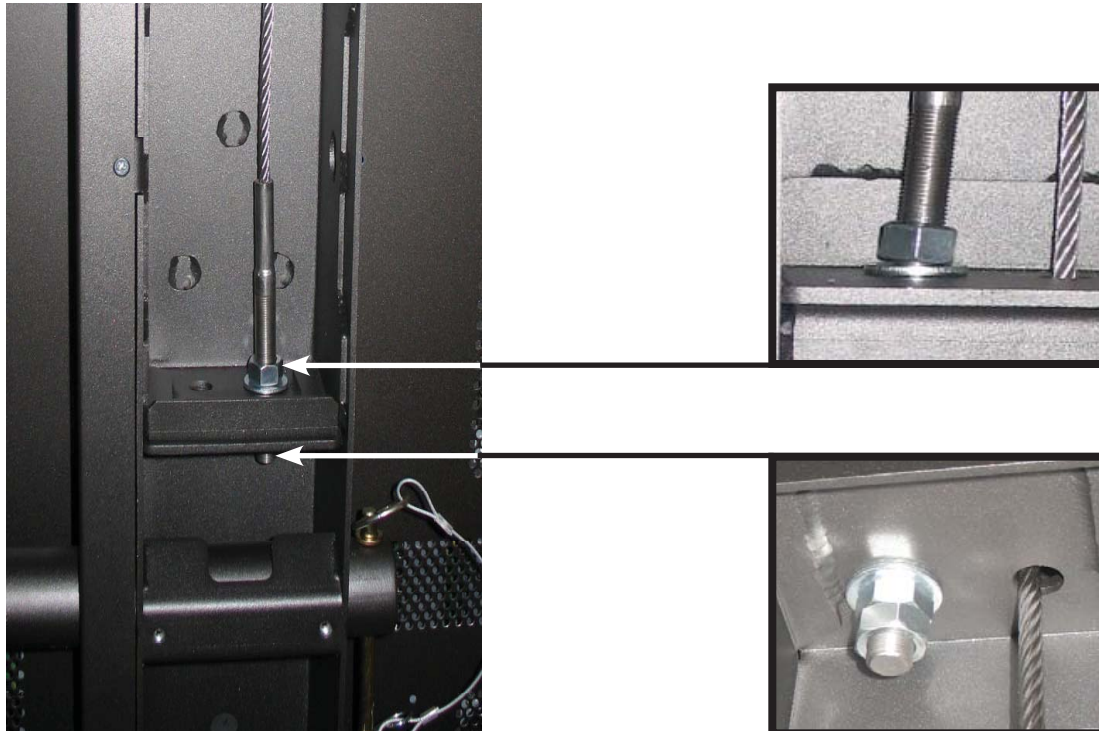
**NOTE**

Leveling adjustment can be made at this stage by setting the nut position at different heights on the threaded post attached to the cable.

Step 8. Slide one ½” flat washer up to the nut and insert the end of the stud into the bottom hole of the mounting bracket.

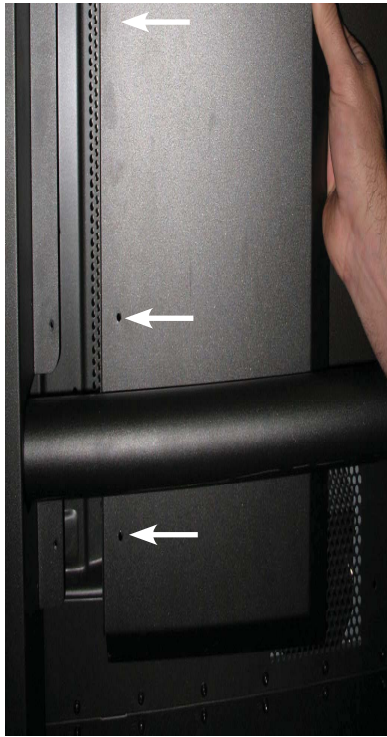
Step 9. Locate two ½”-20 nuts & one ½” flat washer.

Step 10. Tighten the two nuts until cable is locked tight into position.

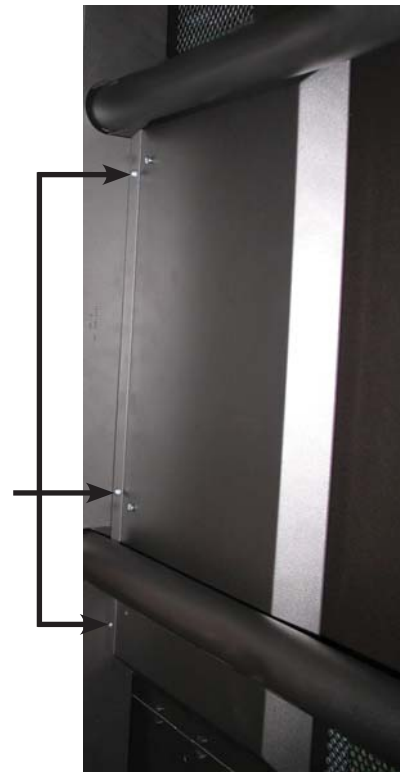




Installing the Beauty Covers



8/32 x 3/8" Screw



Step 1. After all cables have been routed through mount and are properly installed, locate the display input cover panel.

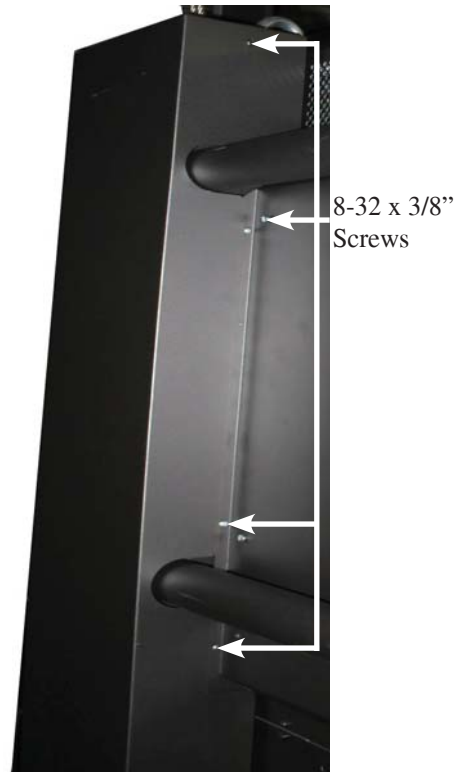
Step 2. Install the panel by sliding it into position behind the tubes.

Step 3. Lock the cover into position by tightening the six (6) 8-3 x 3/8" screws.

Mounting Bracket
Cover



Step 4. Slide the mounting bracket covers into position.



Step 5. Once cover is slid into position tighten down using the 8-32 x 3/8" screws.



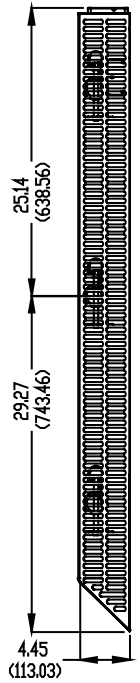
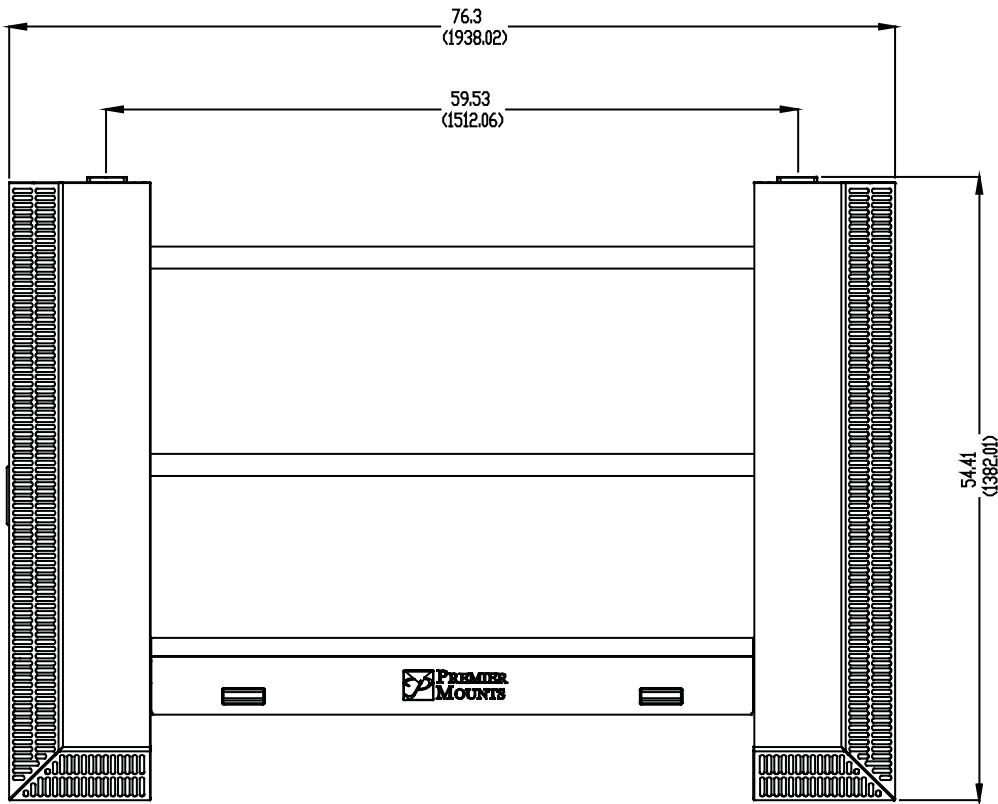
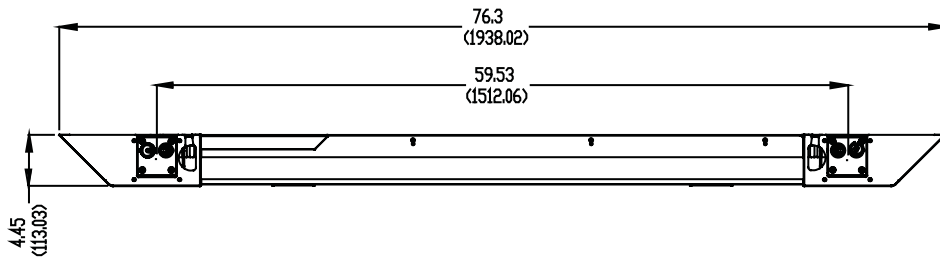
Step 6. Drop the lower cover into position between the 2 display mounting brackets and lock into place using the 8-32 x 3/8" screws provided.

Step 7. Make sure that the display is level and slowly lower your support equipment.



Technical Specifications

All measurements are in inches(mm).





Warranty

PREMIER MOUNTS LIMITED LIFETIME WARRANTY

What and Who is Covered by this Limited Warranty and for How Long

Premier Mounts warrants this product to be free from defects in material and workmanship for the lifetime of the original owner of this product. The limited warranty is valid only for the original purchaser of the product.

What Premier Mounts Will Do

At the sole option of Premier Mounts, Premier Mounts will repair or replace any product or product part that is defective. If Premier Mounts chooses to replace a defective product or part, a replacement product or part will be shipped to you at no charge, but you must pay any labor costs.

What is Not Covered; Limitations

PREMIER MOUNTS DISCLAIMS ANY LIABILITY FOR DAMAGE TO MOUNTS, ADAPTERS, DISPLAYS, PROJECTORS, OTHER PROPERTY, OR PERSONAL INJURY RESULTING, IN WHOLE OR IN PART, FROM IMPROPER INSTALLATION, MODIFICATION, USE OR MISUSE OF ITS PRODUCTS.

PREMIER MOUNTS DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. PREMIER MOUNTS IS NOT RESPONSIBLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES, INCLUDING BUT NOT LIMITED TO, INABILITY TO USE ITS PRODUCTS OR LABOR COSTS FOR REMOVING AND REPLACING DEFECTIVE PRODUCTS OR PARTS. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

What Customers Must Do for Limited Warranty Service

If you discover a problem that you think may be covered by the warranty you **MUST REPORT** it in writing to the address below within thirty (30) days. Proof of purchase (an original sales receipt) from the original consumer purchaser must accompany all warranty claims. Warranty claims must also include a description of the problem, the purchaser's name, address, and telephone number. General inquiries can be addressed to Premier Mounts Customer Service at 1-800-776-5768. Warranty claims will not be accepted over the phone or by fax.

Premier Mounts
Attn: Warranty Claim
3130 East Miraloma Ave.
Anaheim, CA 92806

How State Law Applies

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.