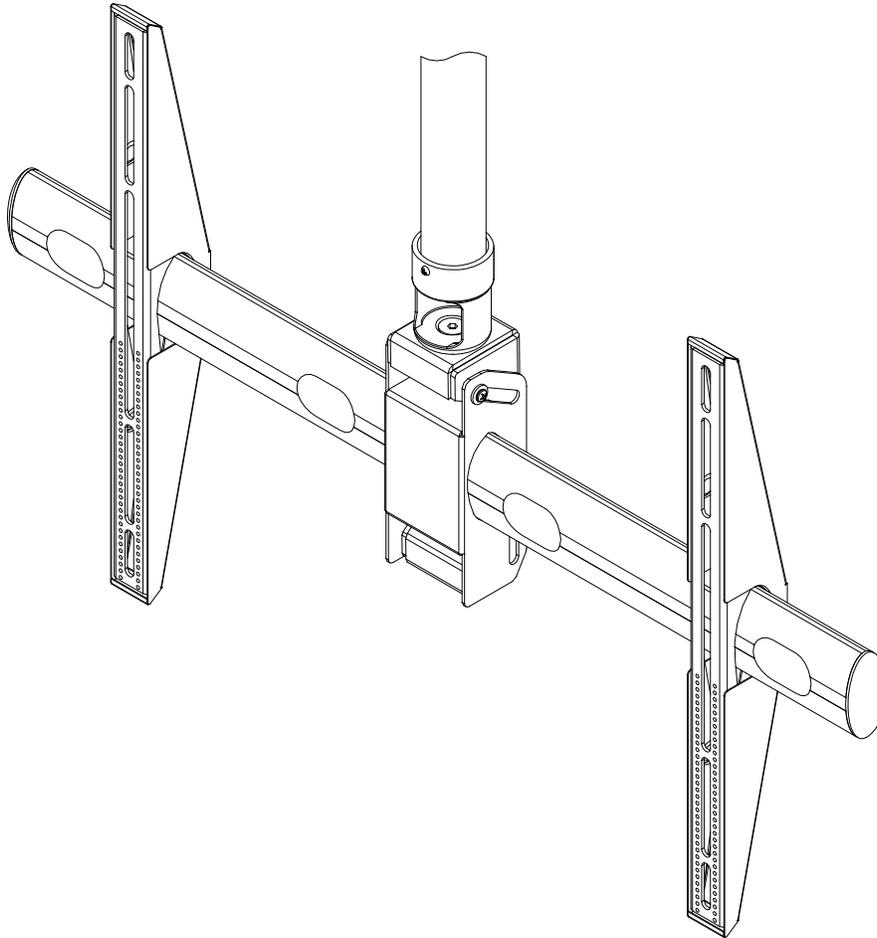


INSTALLATION INSTRUCTIONS



Elliptical Ceiling Mount for 37" to 63" Flat Panels Model: ECM-3763S

NORTH AMERICA

3130 East Miraloma Avenue
Anaheim, CA 92806 USA
USA and Canada
Phone: 1.800.368.9700
Fax: 1.800.832.4888
Other Locations
Phone: (001).714.632.7100
Fax: (001).714.632.1044

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Swallow House,
Shilton Industrial Estate,
Shilton, Coventry, England CV79JY
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Distributed by Amber Technology Limited
Unit B, 5 Skyline Place
Frenchs Forest NSW 2086
Australia
Phone: +61 2 9452 8600 Sydney Office
Toll Free: 1-800-368-9700
Email: mounts@ambertech.com.au



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Weight Capacity

Maximum flat panel weight: **180lbs.**

THE CEILING STRUCTURE MUST BE CAPABLE OF HOLDING FIVE (5) TIMES THE WEIGHT OF THE FLAT PANEL AND MOUNT. IF NOT, THEN THE CEILING STRUCTURE MUST BE REINFORCED.

Warning Statements



INSTALL THE MOUNT ACCORDING TO THE INSTRUCTIONS PROVIDED BY PREMIER MOUNTS. PERFORM ALL STRUCTURAL REINFORCEMENTS BEFORE ATTACHING THE FLAT PANEL TO THE CEILING MOUNT. USE THE APPROPRIATE LIFTING DEVICE WHEN LIFTING THE FLAT PANEL INTO PLACE.



PRIOR TO THE INSTALLATION OF THIS PRODUCT, THE INSTALLATION INSTRUCTIONS MUST BE READ AND COMPLETELY UNDERSTOOD 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.



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. Personal injury and/or property damage can result from dropping or mishandling the flat panel.



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 the ceiling. Cutting or drilling into an electrical line may cause serious personal injury.



Make sure there are no water or natural gas lines inside the ceiling 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.

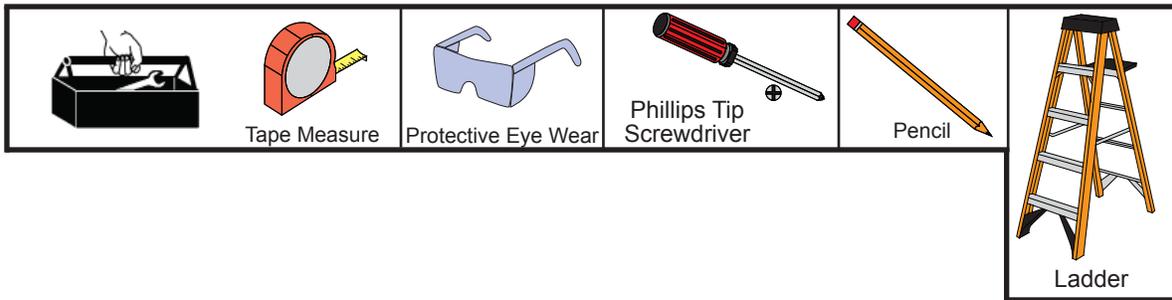


Contact Premier Mounts with any questions:
(800) 368-9700
techsupport@mounts.com



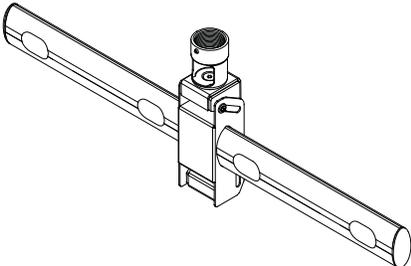
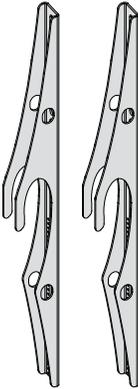
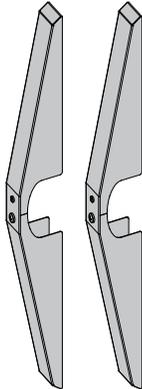
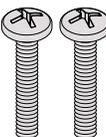
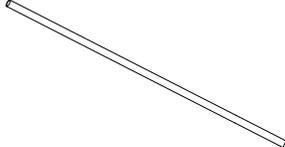
Installation Tools

The following tools may be required, dependent upon your particular installation. These tools are not provided by Premier Mounts, but you can purchase them at your local hardware store.



Parts List

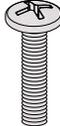
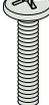
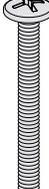
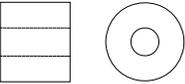
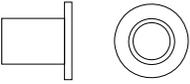
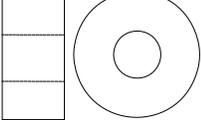
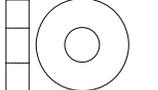
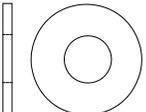
Your Premier Mounts product is shipped with all proper installation hardware and components. Make sure that none of these parts are missing and/or damaged before beginning installation. If there are parts missing and/or damaged, please stop the installation and contact Premier Mounts (800) 368-9700.

ECM-3763S Mount Hardware		
		
Elliptical Tilt Mount (Qty 1)	Mounting Bracket Arms (Qty 2)	Decorative Covers (Qty 2)
		
M4 x 6mm Phillips Screws (Qty 2)	M6 x 25mm Phillips Screws (Qty 2)	Thread Depth Indicator (Qty 1)



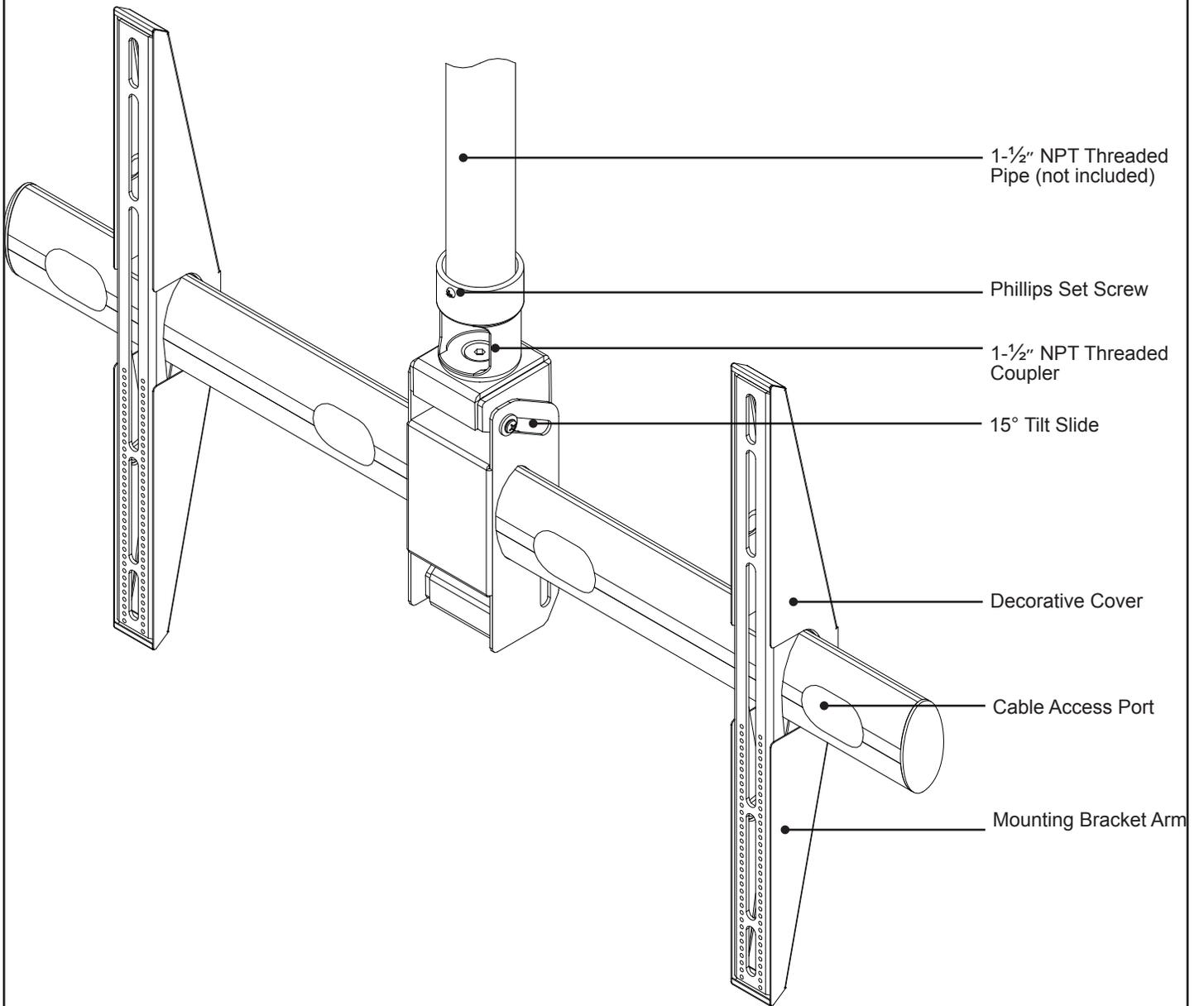
Parts List (cont'd)

Mounting Hardware

Standard Hardware			
M4 x 16mm Phillips Head Screw (Qty 8)		M6 x 20mm Phillips Head Screw (Qty 6)	
M4 x 25mm Phillips Head Screw (Qty 4)		M6 x 30mm Phillips Head Screw (Qty 6)	
M5 x 12mm Phillips Head Screw (Qty 6)		M8 x 20mm Phillips Head Screw (Qty 6)	
M5 x 16mm Phillips Head Screw (Qty 6)		M8 x 25mm Phillips Head Screw (Qty 6)	
M5 x 20mm Phillips Head Screw (Qty 6)		M8 x 30mm Phillips Head Screw (Qty 6)	
M5 x 25mm Phillips Head Screw (Qty 4)		M8 x 35mm Phillips Head Screw (Qty 4)	
M5 x 50mm Phillips Head Screw (Qty 4)		M8 x 70mm Phillips Head Screw (Qty 4)	
M6 x 12mm Phillips Head Screw (Qty 8)		Griplate™ Washers (Qty 8)	
$\frac{9}{16}$ " Nylon Spacers (Qty 6)			
1" Nylon Spacers (Qty 6)			
$\frac{1}{4}$ " Nylon Spacers (Qty 6)			
$\frac{5}{16}$ " Nylon Sleeves (Qty 4)			
$\frac{1}{2}$ " Nylon Spacers -Large (Qty 12)			
$\frac{1}{4}$ " Nylon Spacers -Large (Qty 6)			
$\frac{5}{16}$ " Flat Washer - Metal (Qty 6)			



Features





Attaching the ECM-3763S to the Ceiling Adapter

Step 1



A 1-1/2" NPT threaded pipe must be firmly secured to the ceiling structure before performing the following steps.

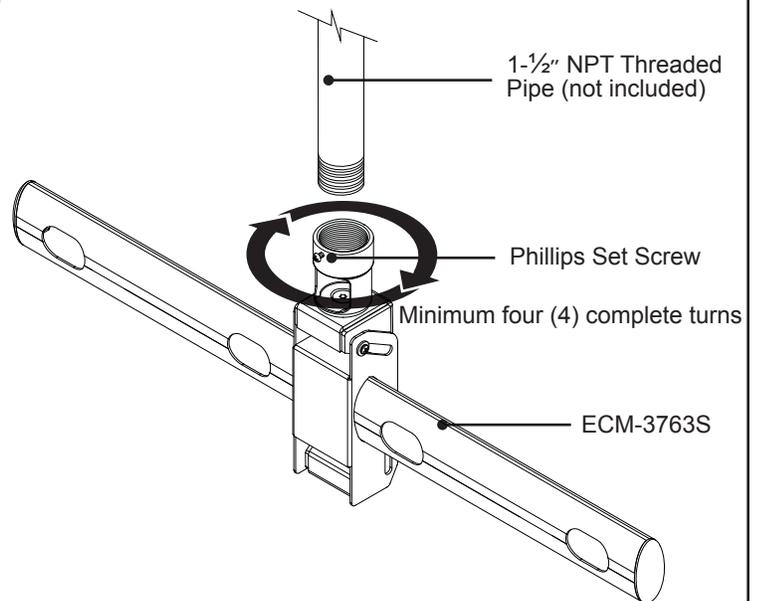


The Phillips set screw must be backed out in order for the 1-1/2" NPT threaded pipe to attach to the threaded coupler.

- 1 Align the ECM-3763S threaded coupler with the threaded end of the 1-1/2" NPT threaded pipe.
- 2 Thread the ECM-3763S onto the 1-1/2" NPT threaded pipe and rotate the ECM-3763S coupler clockwise until the coupler is fully threaded onto the 1-1/2" NPT threaded pipe.



The coupler must be threaded onto the 1-1/2" NPT threaded pipe a minimum of four (4) complete turns.



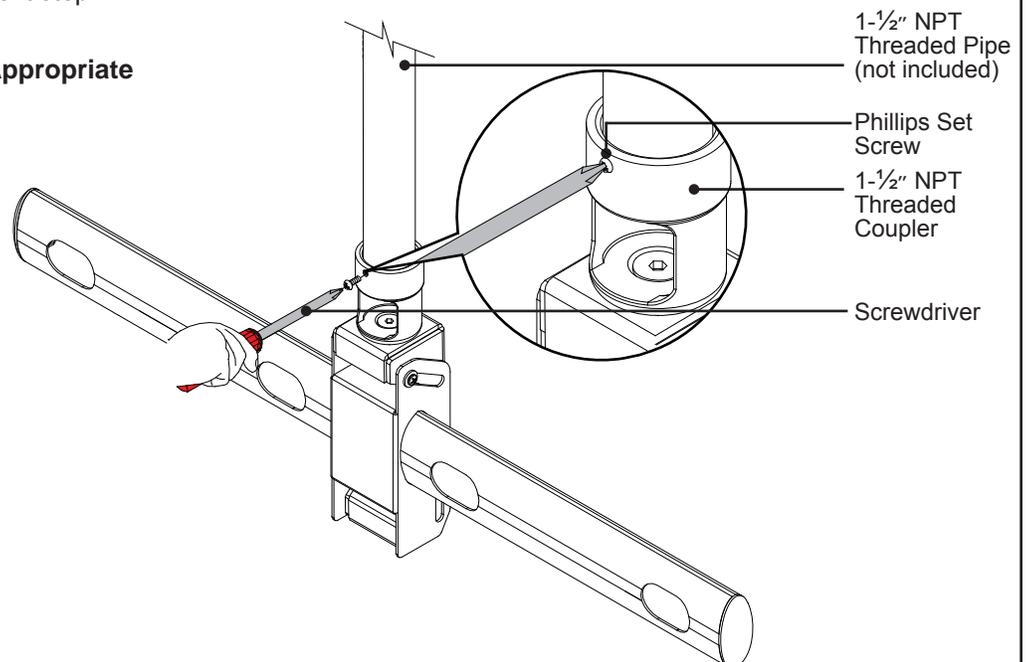
Step 2

Once the ECM-3763S has been firmly threaded to the 1-1/2" NPT threaded pipe, use a screwdriver to tighten the Phillips set screw on the threaded coupler.



Ensure that all connections are secure and tight before proceeding to the next step.

Proceed to the **"Selecting the Appropriate Mounting Hardware"** section.





Selecting the Appropriate Mounting Hardware

- ❶ Insert the Thread Depth Indicator into the thread inserts found on the back of the flat panel.
- ❷ Use a pencil to mark the depth of the thread insert on the Thread Depth Indicator, as shown in Figure 1.
- ❸ Insert the Thread Depth Indicator into the remaining thread inserts to compare and verify their depth.
- ❹ Locate the correct diameter screw for the thread insert.

If the screw you selected is longer than the mark on the Thread Depth Indicator, as shown in Figure 2 and Figure 3, do not use this screw. The screw length must not bypass the mark.

Select another screw length until you find a screw that comes closest to the mark without going past the mark.

- ❺ Test each size of the screws provided.

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

Proceed to the “**Griplate™ Washer Installation**” section.

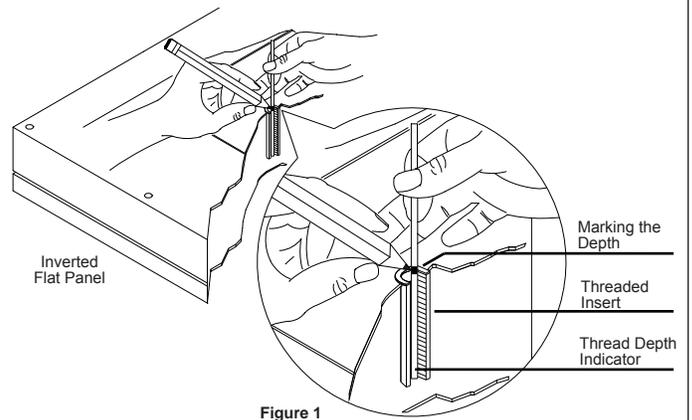


Figure 1

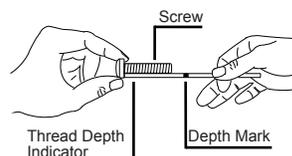


Figure 2

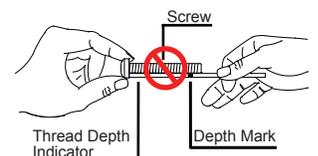


Figure 3



Griplate™ Washer Installation

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



For Griplate™ installation, the dimples must be facing the flat panel for the lower mounting points. For the upper mounting points, the dimples must be facing away from the flat panel.



Do not place excessive pressure on the back of the flat panel, as this may damage your flat panel.



The Griplate™ Washer must be installed between the head of the mounting screw and the mounting bracket as shown.

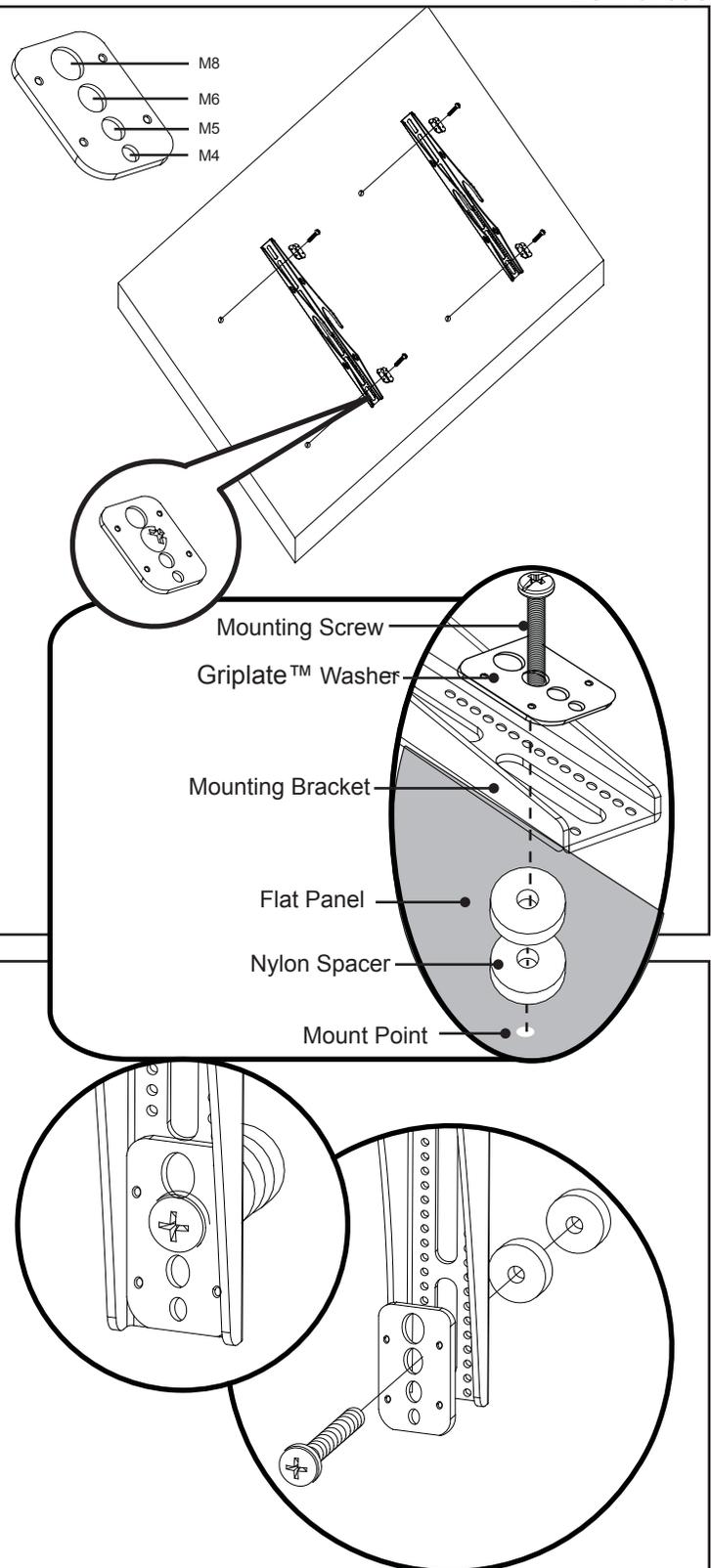


Does your flat panel have:

- Recessed mount points?
- Uneven mount points?
- A curved back?
- Any obstruction near the mount point?

If **Yes**, you must install nylon spacers. Remove the mounting brackets, Griplate™ washers, and mounting screws from the back of the flat panel. Proceed to the **"Nylon Spacer Installation"** section.

If **No**, skip to the **"Flat Panel Installation"** section.



Nylon Spacer Installation

Premier Mounts' nylon spacers allow you to attach the mounting bracket to flat panels which have recessed or uneven mount points. Each nylon spacer will add distance between the mounting bracket and your flat panel.



The nylon spacers must only be installed between the mounting bracket and your flat panel.

The nylon spacers will fit M4, M5, M6 and M8 screw sizes.

Proceed to the **"Flat Panel Installation"** section.



Flat Panel Installation

Step 1



Install the mount according to the instructions provided by Premier Mounts. Perform all structural reinforcements before attaching the flat panel to the ceiling mount.

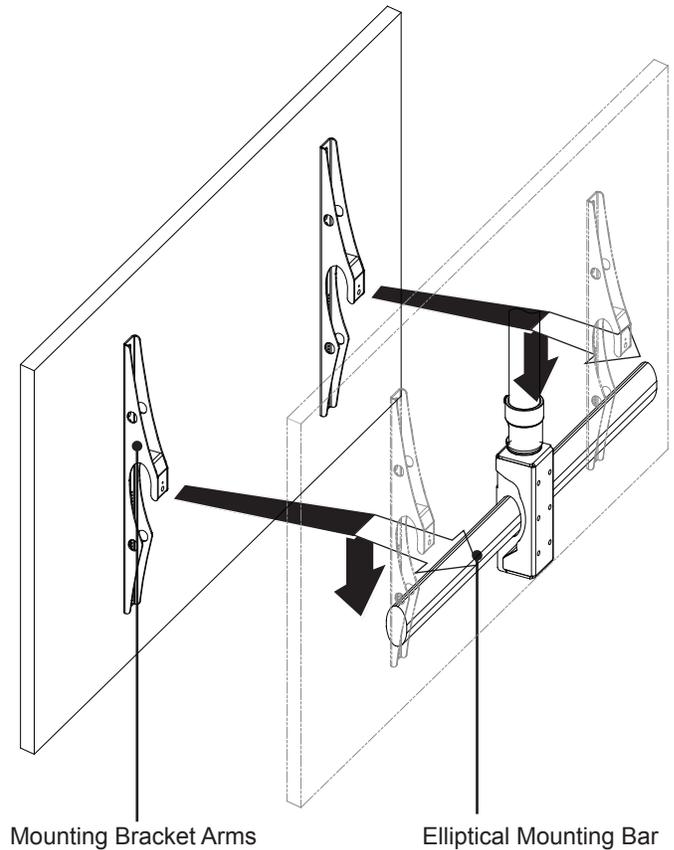


Do not release the flat panel until the mounting bracket arms are fully resting on the elliptical mounting bar.

Raise the mounting bracket arms and the attached flat panel over the elliptical mounting bar of the ECM-3763S.



The cable access ports face the rear of the flat panel. It may be easier to pre-wire any cables prior to flat panel installation (see Page 10).



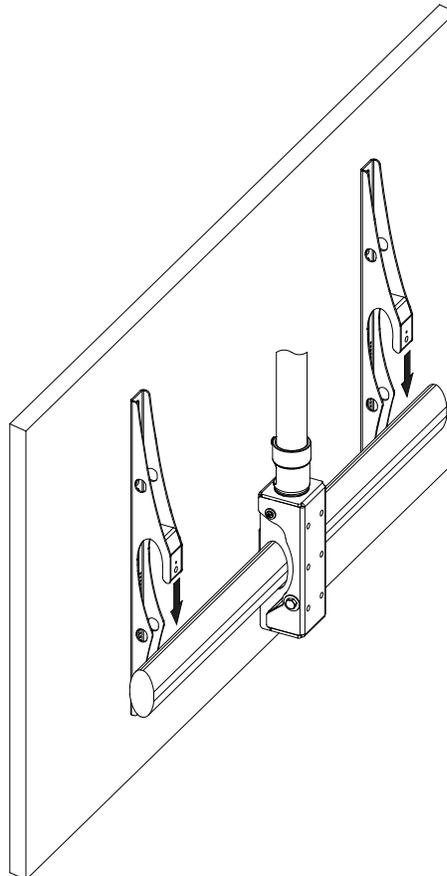
Step 2

Lower and center the mounting bracket arms with the attached flat panel onto the elliptical mounting bar of the ECM-3763S.



Do not release the flat panel until the mounting bracket arms are resting fully on the elliptical mounting bar.

Proceed to **“Attaching the Decorative Covers”** section.





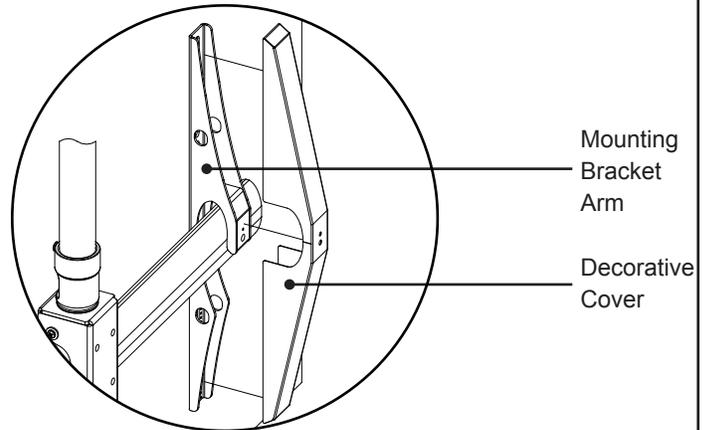
Attaching Decorative Covers

Step 1



When attaching the decorative covers, verify the direction of the covers. The smaller mounting hole should be in position above the larger mounting hole.

- ① Place the first decorative cover over the first mounting bracket arm and push firmly into place.
- ② Repeat Step 1 for the second decorative cover and mounting bracket arm.

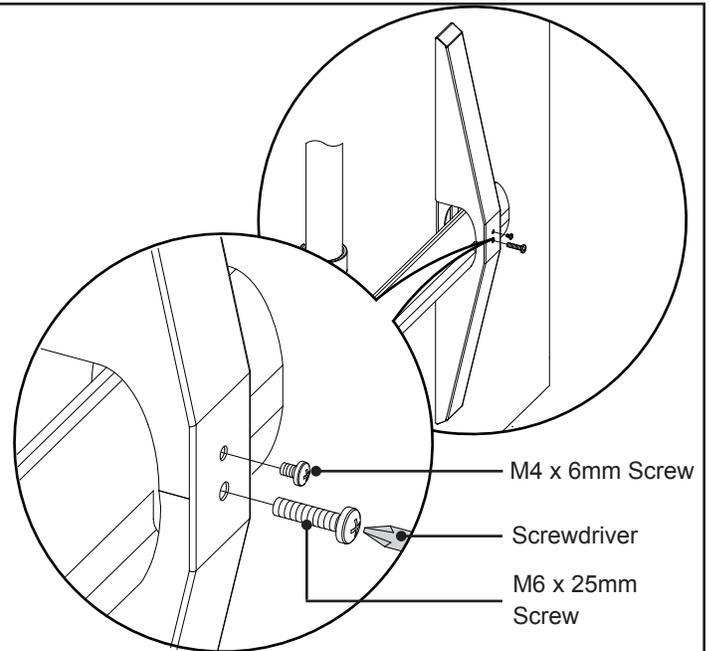


Step 2

- ① Align the mounting holes.
- ② Insert and tighten a M4 x 6mm Phillips screw (smaller mounting hole).
- ③ Insert and tighten a M6 x 25mm Phillips screw (larger mounting hole).
- ④ Repeat Step 2 and 3 for the second decorative cover and mounting bracket arm.



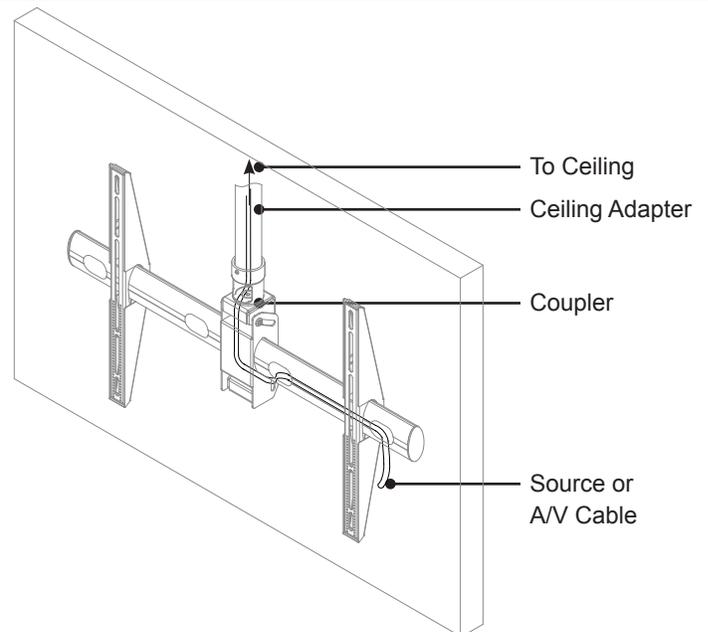
Do not over-tighten these screws.



Cable Management

Route cables through the cable access holes and to their respective locations.

The cables must then be routed through the coupler, up the ceiling adapter (not included) and into the ceiling to a pre-determined source.





Tilt Positioning

Adjusting the Flat Panel Friction Tilt Angle

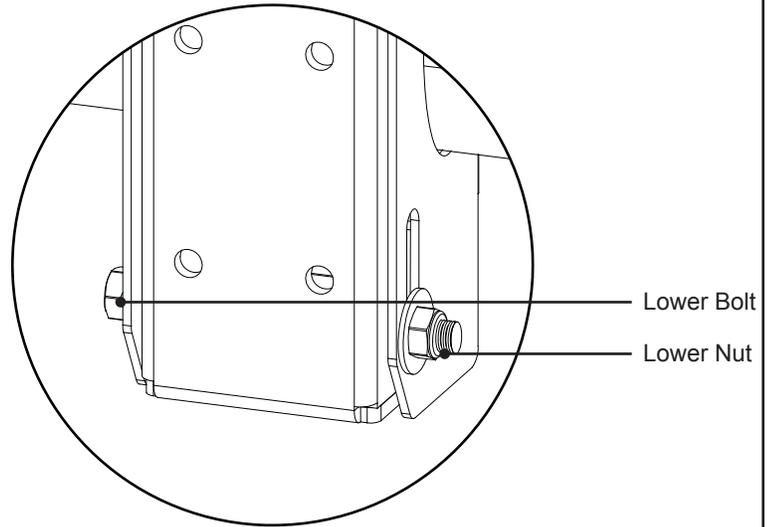
- 1 Place one hand at the center top edge of the flat panel.
- 2 Place the other hand on the center bottom edge of the flat panel.
- 3 Using the upper hand, gently pull the top of the flat panel towards you while the lower hand gently pushes the bottom of the flat panel away from you.



If additional tilt friction is required, tighten the lower nut and lower bolt only, to increase the tilt friction.

Adjusting the Flat Panel to the Original Position

- 1 Place one hand at the center top edge of the flat panel.
- 2 Place the other hand on the center bottom edge of the flat panel.
- 3 Using the upper hand, gently push the top of the flat panel towards the wall while the lower hand gently pulls the bottom of the flat panel away from the wall.

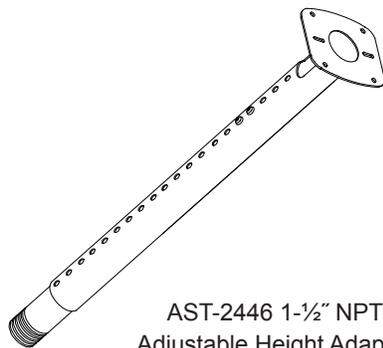


Optional Mounting Configurations and Accessories

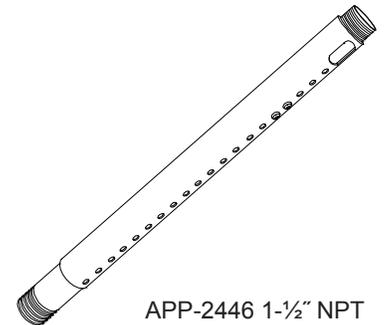
The ECM-3763S is designed for use with either a standard piece of 1-1/2" NPT pipe or any the following ceiling mount adapters from Premier Mounts. Please refer to the ceiling mount adapter installation instructions when mounting. Please contact Premier Mounts at (800) 368-9700 with any questions. To view the complete line of our products, please visit us at www.mounts.com.



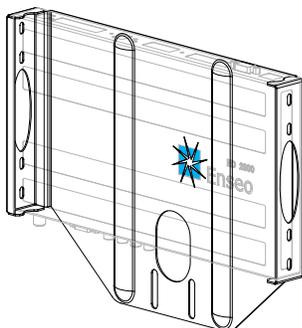
Please refer to the installation instructions that come packaged with these products for correct installation procedures.



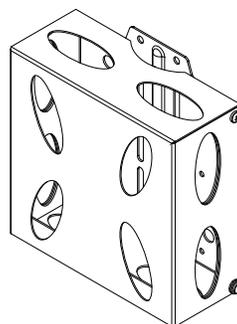
AST-2446 1-1/2" NPT Adjustable Height Adapter



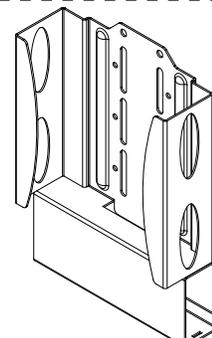
APP-2446 1-1/2" NPT Adjustable Height Adapter



ECM-ENS
Enseo HD2000 Adapter



ECM-MPC
Media Player Adapter

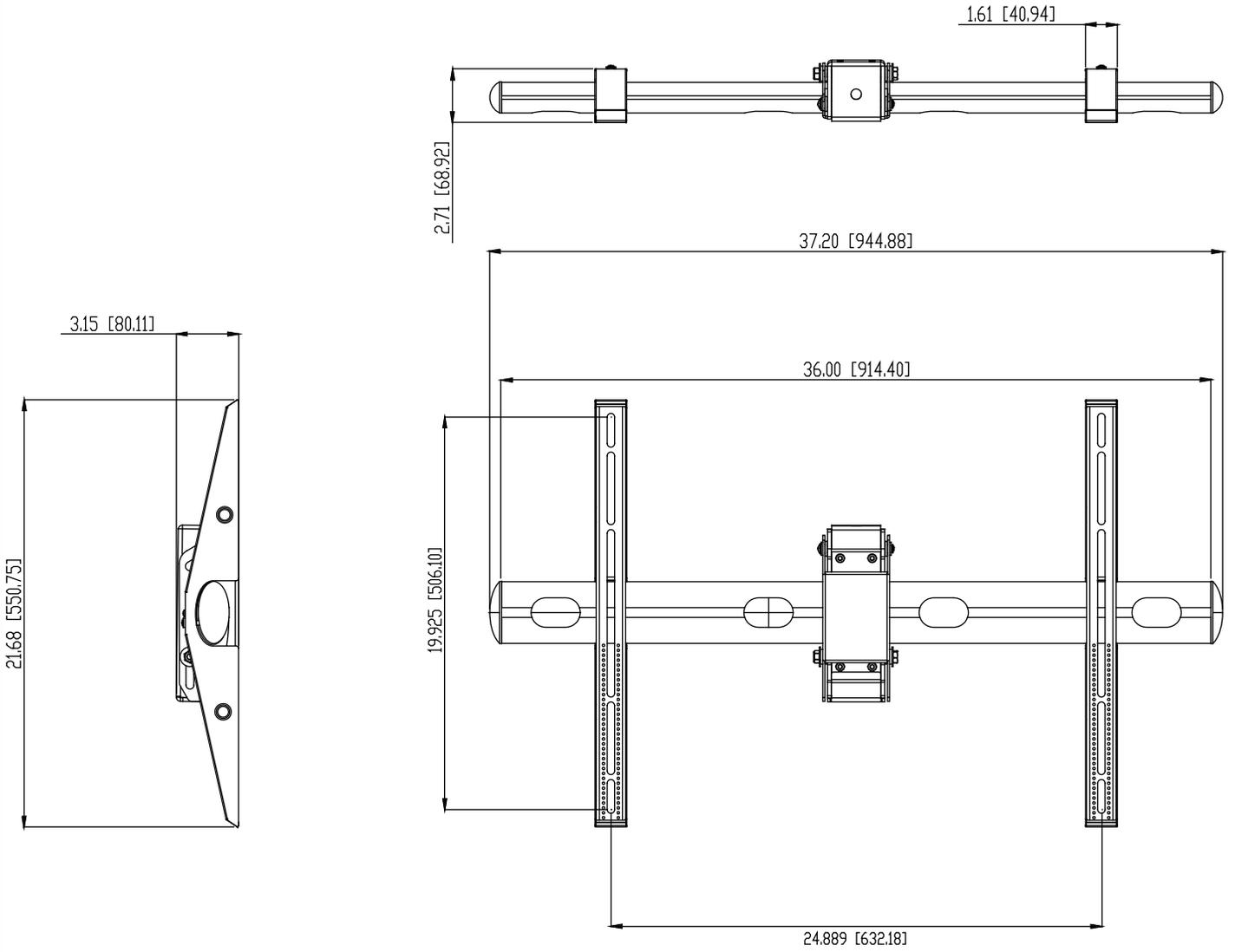


ECM-MAC
MAC Mini Adapter



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 1-800-368-9700. 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.

Disclaimer

Premier Mounts intends to make this manual accurate and complete. However, Premier Mounts makes no claim that the information contained herein covers all details, conditions or variations, nor does it provide for every possible contingency in connection with the installation or use of this product. The information contained in this document is subject to change without notice or obligation of any kind. Premier Mounts makes no representation of warranty, expressed or implied, regarding the information contained herein. Premier Mounts assumes no responsibility for accuracy, completeness or sufficiency of the information contained in this document.