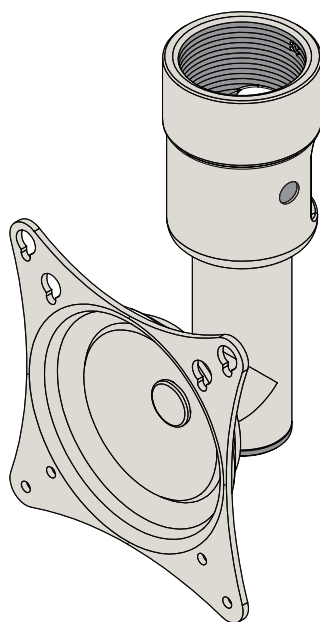


INSTALLATION INSTRUCTIONS



PRC-LA

Ceiling Lower Assembly Flat Panel Mount

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

EUROPE

Swallow House,
Shilton Industrial Estate,
Shilton, Coventry, England CV79JY
Phone: +44 (0) 2476 614700
Fax: +44 (0) 2476 614710



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Weight Limit

Maximum Flat Panel Weight: **50 lbs.**

THE CEILING STRUCTURE MUST BE CAPABLE OF SUPPORTING AT LEAST FIVE TIMES THE WEIGHT OF THE FLAT PANEL. IF NOT, THE CEILING 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 projector.



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.



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.



Contact Premier Mounts with any questions:

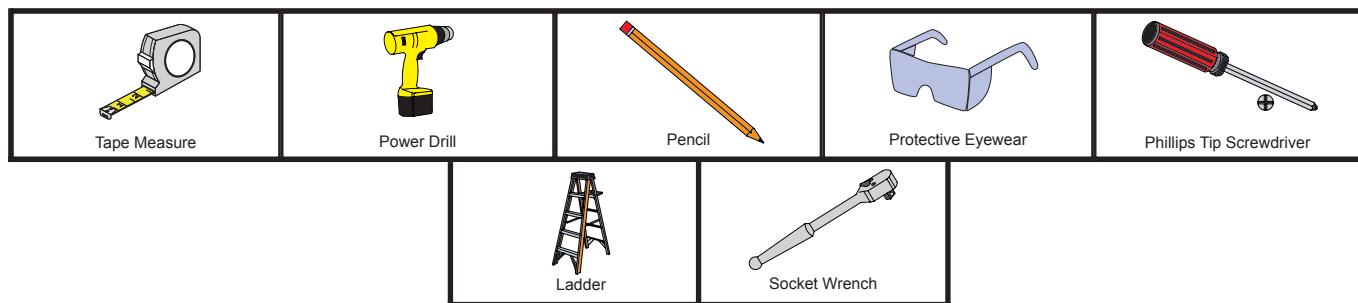
(800) 368-9700

techsupport@mounts.com



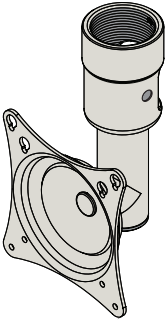
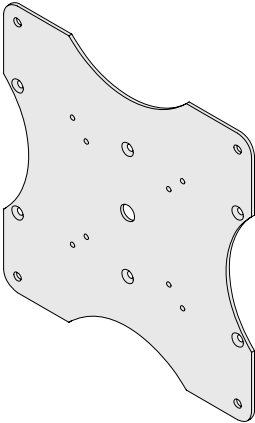
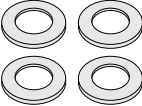
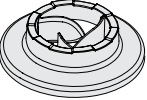
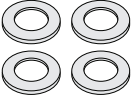
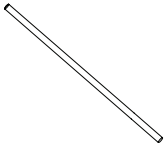
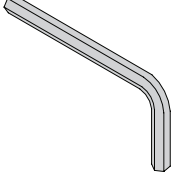
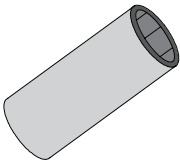
Installation Tools

The following tools may be required depending upon your particular installation. They are not included.

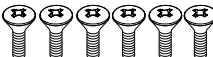
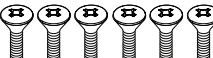
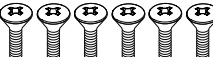
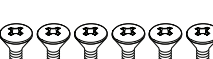

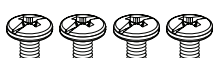
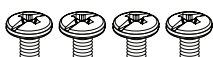
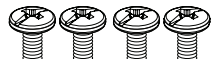
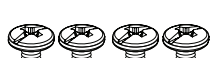


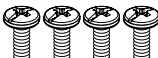
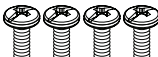
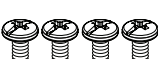





Parts List

Make sure your Premier Mounts product has the following hardware and components before beginning installation. If there are parts missing and/or damaged, stop the installation and call Premier Mounts at (800) 368-9700.

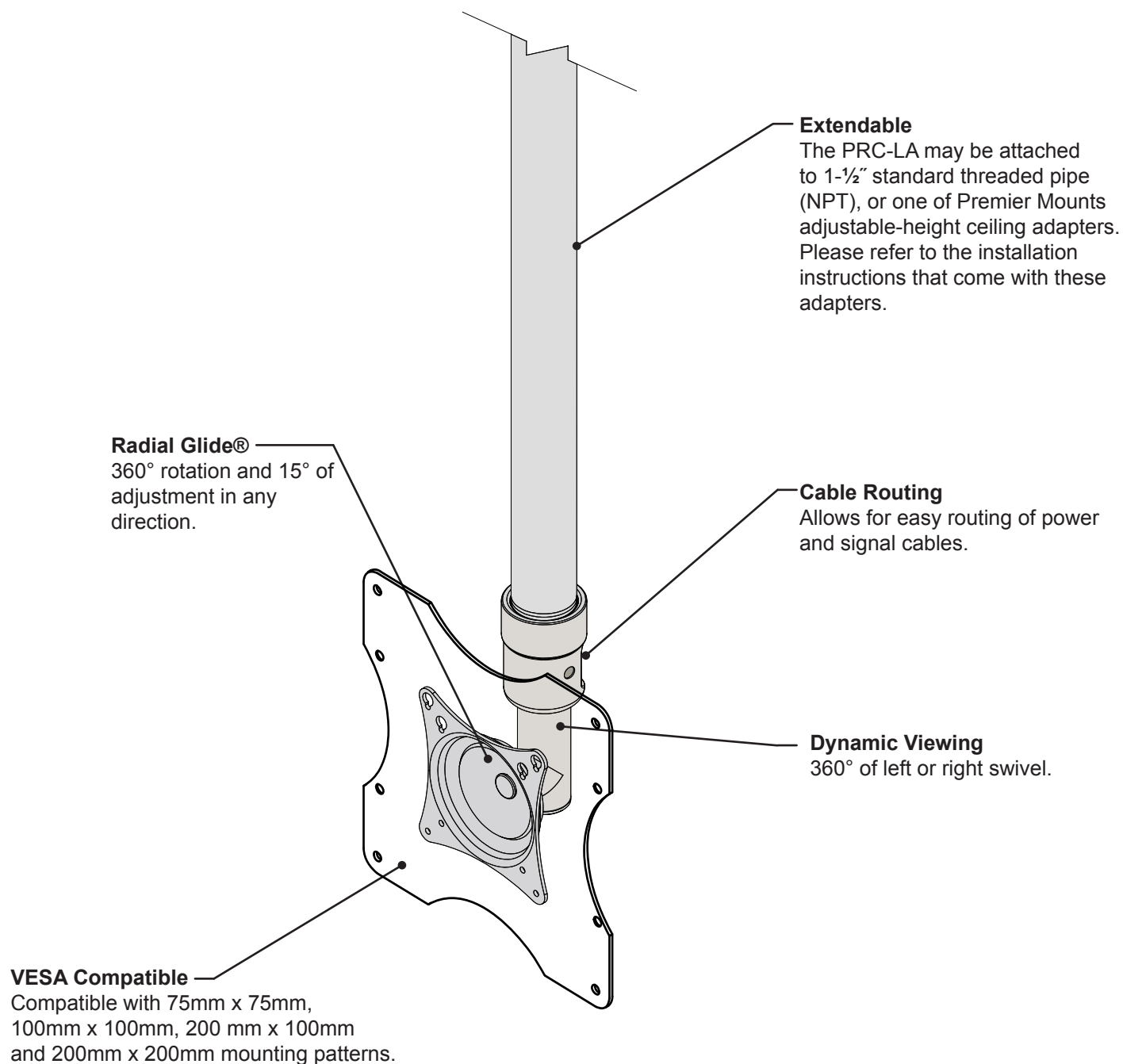
PRC-LA Mount Hardware					
					
PRC-LA (Qty 1)		UFP-280 Adapter Plate (Qty 1)			
					
M5 Flat Washers (Qty 4)		Universal Spacers (Qty 30)		M4 Flat Washers (Qty 4)	
					
Thread Depth Indicator (Supplied)		M3 Allen Wrench (Supplied)		14mm Socket (Supplied)	

**Parts List (cont'd)**

Mounting Hardware	
M4 x 10mm Flat Head Screw (Qty 6)	
M4 x 16mm Flat Head Screw (Qty 6)	
M4 x 20mm Flat Head Screw (Qty 6)	
M4 x 30mm Flat Head Screw (Qty 6)	
M4 x 45mm Flat Head Screw (Qty 6)	
M6 x 10mm Screw (Qty 4)	
M6 x 16mm Screw (Qty 4)	
M6 x 20mm Screw (Qty 4)	
M6 x 30mm Screw (Qty 4)	
M6 x 45mm Screw (Qty 4)	
M5 x 10mm Screw (Qty 4)	
M5 x 16mm Screw (Qty 4)	
M5 x 20mm Screw (Qty 4)	
M5 x 30mm Screw (Qty 4)	
M5 x 45mm Screw (Qty 4)	
M4 x 5mm Screw (Qty 4)	
M4 x 10mm Screw (Qty 4)	



Features





Installing the PRC-LA Mount

Introduction

The PRC-LA allows tilt and pivot adjustments $\pm 15^\circ$ from center, 360° side-to-side swivel, and cable access.

Please read these installation instructions once thoroughly before attempting to install your Premier Mounts product.



The PRC-LA may be attached to 1-1/2" standard threaded pipe (NPT), or one of Premier Mounts adjustable-height ceiling adapters. Please refer to the installation instructions that come with these adapters.

Please take a minute to familiarize yourself with the contents of the package and make sure you have all the parts and tools you need to safely complete the installation.



In addition, some steps of this installation may require two people to prevent personal injury and/or damage to your projector. Please observe all warnings in the following installation procedure and utilize proper safety equipment at all times.

Attaching the PRC-LA



The desired ceiling attachment must be installed prior to performing the following steps.

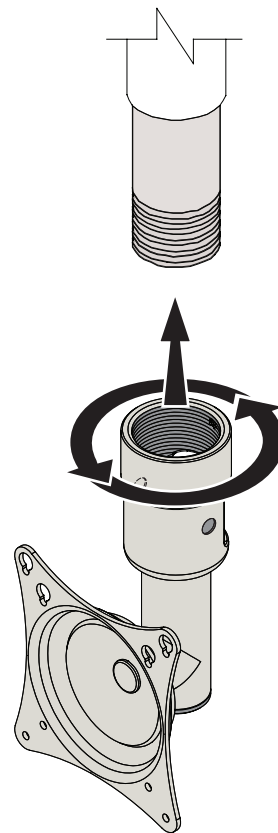
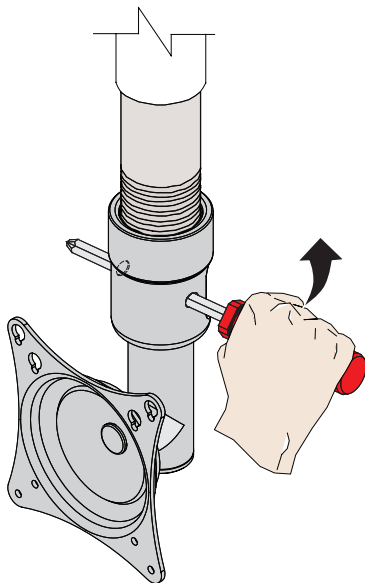
- 1 Screw the PRC-LA coupling adapter to the 1 1/2" NPT.



The PRC-LA must be threaded four complete turns before tightening down the set screw.



If you are having difficulty achieving four complete turns, insert a screwdriver through the access hole and apply pressure while turning the PRC-LA (see below).

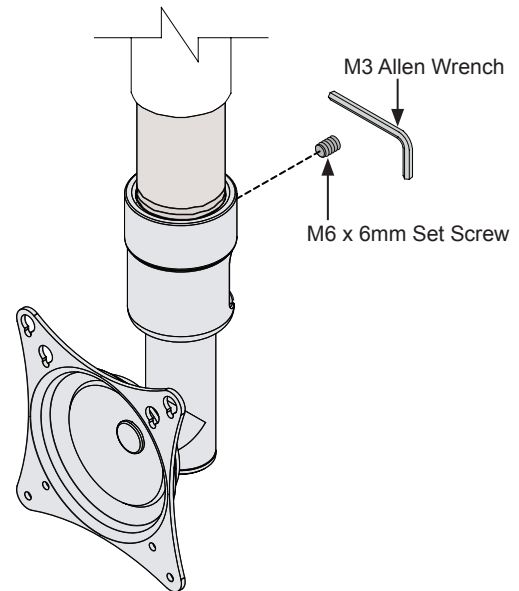




Attaching the PRC-LA

- ③ Use the M3 Allen wrench to tighten the M6 x 6mm set screw located on the side of the PRC-LA mount.

Proceed to the “Mounting Hardware” section.



Mounting Hardware

Selecting the Mounting Hardware

- ① Insert the Thread Depth Indicator into the thread inserts found on the bottom or top of the flat panel.
- ② Use a pencil to mark the depth of the thread insert on the Thread Depth Indicator, as shown in Figure 1.
- ③ Insert the Thread Depth Indicator into the remaining thread inserts to compare and verify their depth.
- ④ 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.

- ⑤ Test each size of the screws provided.

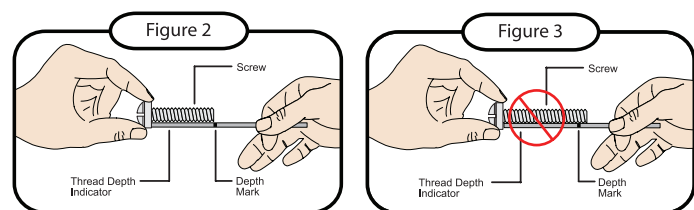
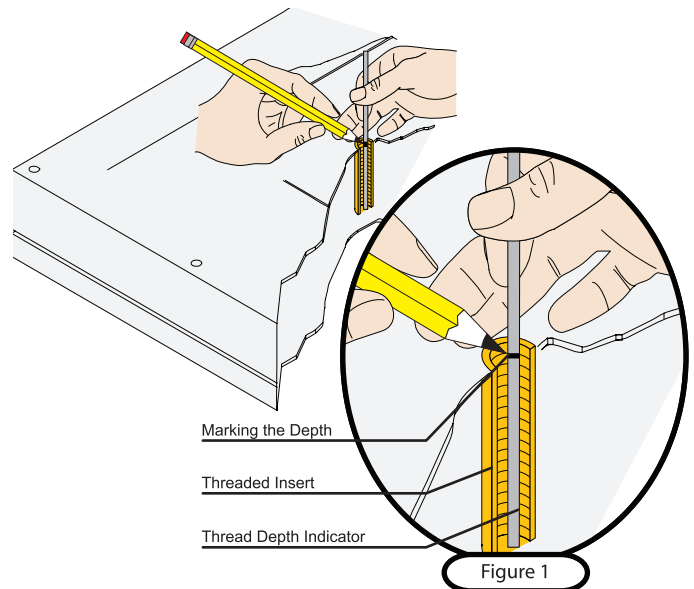
The correct screws should thread easily into the mounting point and not pull out when tension is applied.

- ?** Does your flat panel have:
- Recessed mounting points?
 - Uneven mounting points?
 - A curved back?
 - Any obstruction near the mounting point?

If **Yes**, you must install Universal Spacers.

Proceed to the “Universal Spacer Installation” section.

If **No**, skip to the “UFP-280 Adapter Plate Installation” section.





Mounting Hardware (cont'd)

Universal Spacer Installation

Premier Mounts' Universal Spacers allow you to attach the mounting bracket to flat panels which have recessed or uneven mounting points. Each Universal Spacer adds $\frac{1}{4}$ " to the distance between the Adapter Plate and your flat panel.



The Universal Spacers must be stacked and oriented as shown.



The Universal Spacers must only be installed between the Adapter Plate and your flat panel.

The Universal Spacers will fit M4, M5, M6 and M8 screw sizes.



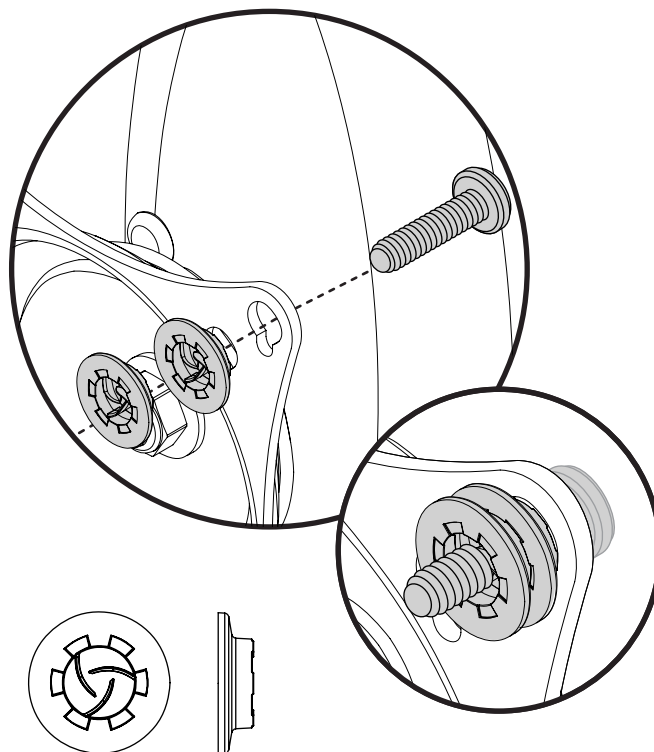
Does your flat panel have:

- 75mm x 75mm VESA mounting points or 100mm x 100mm VESA mounting points?

Proceed to the "Attaching the Flat Panel to the Mount" section.

- 100mm x 200mm mounting points or 200mm x 200mm mounting points?

Proceed to the "UFP-280 Adapter Plate Installation" section.



UFP-280 Adapter Plate Installation

The UFP-280 LCD Mount Adapter is used attach flat panels with 100mm x 200mm and 200mm x 200mm mounting points to the PRC-LA mount.

- 1 Determine which mounting points will be used.

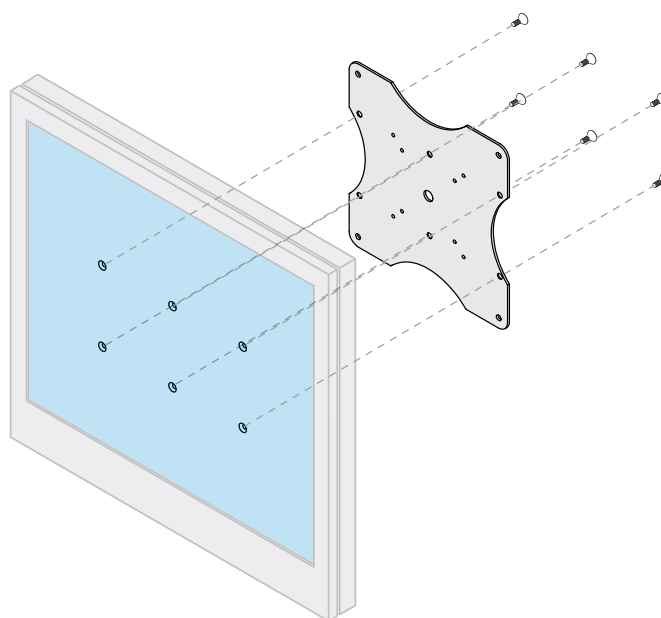
Refer to the "Technical Specifications" section for UFP-280 Adapter Plate mounting points.

- 2 Place your monitor face-down on a soft and flat surface.
- 3 Secure the UFP-280 Adapter Plate to the back of the monitor using the following hardware:
 - If you are using the 200mm x 100mm mounting points, you must use the M4 x 10mm Phillips flat head screws to secure the UFP-280 Adapter Plate to the flat panel.
 - If you are using the 200mm x 200mm mounting points...

...and you selected M4 screws from the **"Selecting the Mounting Hardware"** section, you must also use M4 flat washers.

...and you selected M5 screws from the **"Selecting the Mounting Hardware"** section, you must also use M5 flat washers.

Proceed to the "Attaching the Flat Panel to the Mount" section.





Attaching the Flat Panel to the PRC-LA Mount

- 1) Insert two (2) M4 screws into the top two mounting points of your flat panel or UFP-280 Adapter Plate. Thread the M4 screws to one-half of their length into the flat panel or UFP-280 Adapter Plate, but do not tighten the M4 screws at this time.



The length of the M4 screws are dependent upon whether or not you are using the UFP-280 Adapter Plate, as shown below. Make certain you use the correct length for your specific installation.

If you are using the UFP-280 Adapter Plate, use the B mounting points. Refer to the “**Technical Specifications**” section for UFP-280 Adapter Plate mounting points.

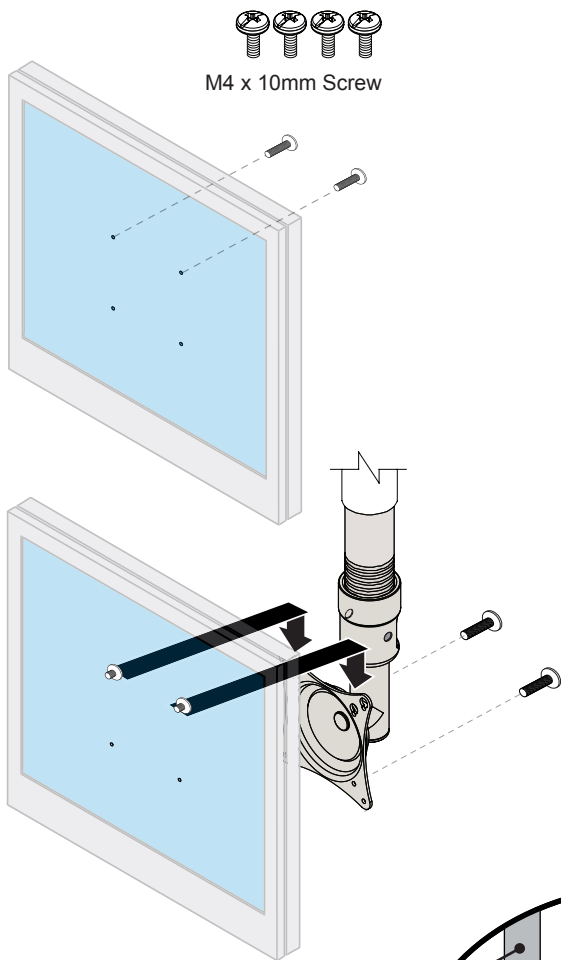
- 2) Insert the heads of the M4 screws through the keyhole slots.
- 3) Insert two (2) M4 screws, of the proper length for your installation, into the bottom mounting points.
- 4) Tighten all M4 screws.



Do not overtighten the mounting hardware.

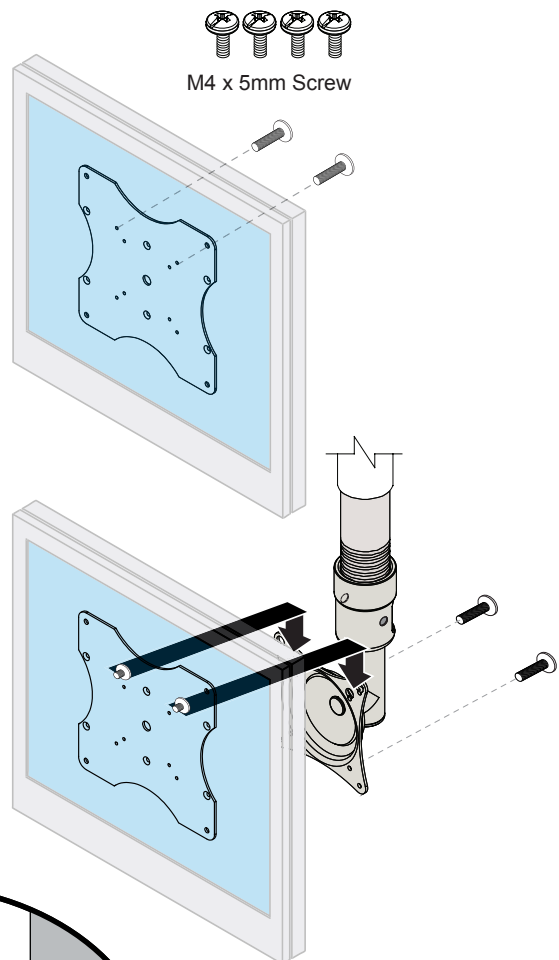
Proceed to the “**Adjusting the Mount Tension**” section.

Flat Panel without UFP-280 Adapter Plate



M4 x 10mm Screw

Flat Panel with UFP-280 Adapter Plate



M4 x 5mm Screw

PRC-LA Mount

Keyhole Slot

Thread Insert in Flat Panel or Adapter Plate

M4 Screw Partially Threaded Into Flat Panel or Adapter Plate



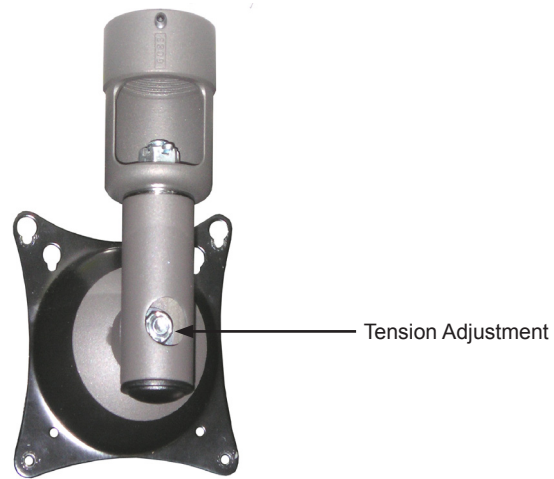
Adjusting the Mount Tension

Use a socket wrench and the supplied 14mm socket to loosen or tighten the tension nut.

- Turn the tension nut clockwise to increase tension.
- Turn the tension nut counter-clockwise to decrease tension.

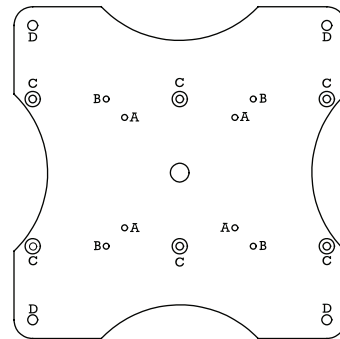
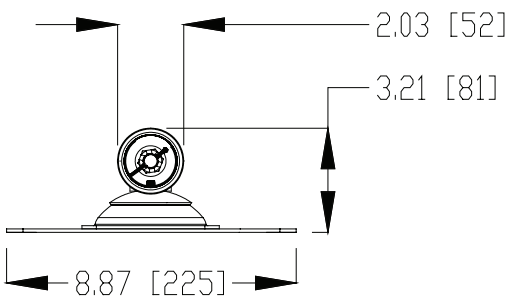


Do not overtighten the tension nut.



Technical Specifications

All measurements are in inches [mm].



A: 75mm x 75mm VESA mounting points.

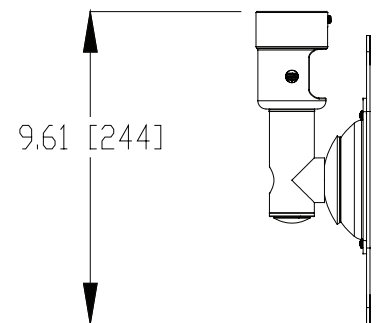
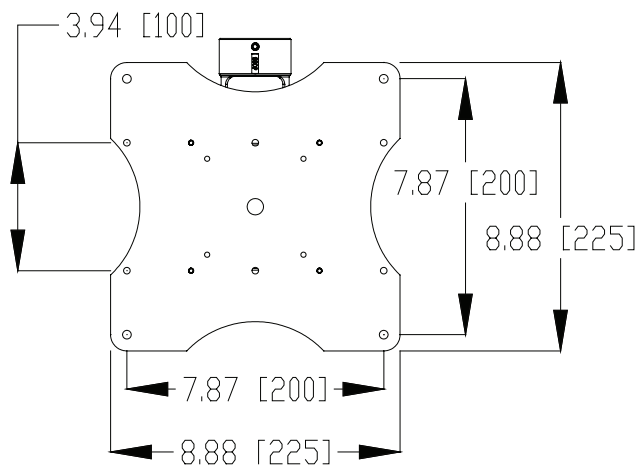
B: 100mm x 100mm VESA mounting points.

C: 200mm x 100mm mounting points.

(M4 x 10mm Phillips flat head screws only)

D: 200mm x 200mm mounting points.

(If M4 screws are used, M5 washers must be used as well)





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.