INSTALLATION INSTRUCTIONS

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

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Email: mounts@ambertech.com.au
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.

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.

<table>
<thead>
<tr>
<th>Tool</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tape Measure</td>
</tr>
<tr>
<td>Protective Eye Wear</td>
</tr>
<tr>
<td>Phillips Tip Screwdriver</td>
</tr>
<tr>
<td>Pencil</td>
</tr>
<tr>
<td>Ladder</td>
</tr>
</tbody>
</table>

### 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.

<table>
<thead>
<tr>
<th>Parts List</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elliptical Tilt Mount (Qty 1)</td>
<td></td>
</tr>
<tr>
<td>Mounting Bracket Arms (Qty 2)</td>
<td></td>
</tr>
<tr>
<td>Decorative Covers (Qty 2)</td>
<td></td>
</tr>
<tr>
<td>M4 x 6mm Phillips Screws (Qty 2)</td>
<td></td>
</tr>
<tr>
<td>M6 x 25mm Phillips Screws (Qty 2)</td>
<td></td>
</tr>
<tr>
<td>Thread Depth Indicator (Qty 1)</td>
<td></td>
</tr>
<tr>
<td>Standard Hardware</td>
<td>Mounting Hardware</td>
</tr>
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<td>-----------------------------------</td>
<td>--------------------------------------------------</td>
</tr>
<tr>
<td>M4 x 16mm Phillips Head Screw (Qty 8)</td>
<td>M6 x 20mm Phillips Head Screw (Qty 6)</td>
</tr>
<tr>
<td>M4 x 25mm Phillips Head Screw (Qty 4)</td>
<td>M6 x 30mm Phillips Head Screw (Qty 6)</td>
</tr>
<tr>
<td>M5 x 12mm Phillips Head Screw (Qty 6)</td>
<td>M8 x 20mm Phillips Head Screw (Qty 6)</td>
</tr>
<tr>
<td>M5 x 16mm Phillips Head Screw (Qty 6)</td>
<td>M8 x 25mm Phillips Head Screw (Qty 6)</td>
</tr>
<tr>
<td>M5 x 20mm Phillips Head Screw (Qty 6)</td>
<td>M8 x 30mm Phillips Head Screw (Qty 6)</td>
</tr>
<tr>
<td>M5 x 25mm Phillips Head Screw (Qty 4)</td>
<td>M8 x 35mm Phillips Head Screw (Qty 4)</td>
</tr>
<tr>
<td>M5 x 50mm Phillips Head Screw (Qty 4)</td>
<td>M8 x 70mm Phillips Head Screw (Qty 4)</td>
</tr>
<tr>
<td>M6 x 12mm Phillips Head Screw (Qty 8)</td>
<td>Griplate™ Washers (Qty 8)</td>
</tr>
<tr>
<td>⅝” Nylon Spacers (Qty 6)</td>
<td></td>
</tr>
<tr>
<td>1” Nylon Spacers (Qty 6)</td>
<td></td>
</tr>
<tr>
<td>⅜” Nylon Spacers (Qty 6)</td>
<td></td>
</tr>
<tr>
<td>⅜” Nylon Sleeves (Qty 4)</td>
<td></td>
</tr>
<tr>
<td>⅝” Nylon Spacers -Large (Qty 12)</td>
<td></td>
</tr>
<tr>
<td>⅜” Nylon Spacers -Large (Qty 6)</td>
<td></td>
</tr>
<tr>
<td>⅜” Flat Washer - Metal (Qty 6)</td>
<td></td>
</tr>
</tbody>
</table>
Features

- Mounting Bracket Arm
- 1-1/2" NPT Threaded Pipe (not included)
- Phillips Set Screw
- 1-1/2" NPT Threaded Coupler
- 15° Tilt Slide
- Decorative Cover
- Cable Access Port
- Mounting Bracket Arm
**Attaching the ECM-3763S to the Ceiling Adapter**

**Step 1**

A 1-½” 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 1-½” NPT threaded pipe to attach to the threaded coupler.

1. Align the ECM-3763S threaded coupler with the threaded end of the 1-½” NPT threaded pipe.
2. Thread the ECM-3763S onto the 1-½” NPT threaded pipe and rotate the ECM-3763S coupler clockwise until the coupler is fully threaded onto the 1-½” NPT threaded pipe.

The coupler must be threaded onto the 1-½” NPT threaded pipe a minimum of four (4) complete turns.

**Step 2**

Once the ECM-3763S has been firmly threaded to the 1-½” 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

1. Insert the Thread Depth Indicator into the thread inserts found on the back 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.

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

5. 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.
**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**

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.

2. Place the first decorative cover over the first mounting bracket arm and push firmly into place.

3. 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.

- **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 1-½” 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.
Technical Specifications

All measurements are in inches (mm).
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.

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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.

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