



Home Entertainment

PMD Projector Mounts



Universal Mounting Grid

- Fits hundreds of projectors
- Requires no adaptor plate
- Includes all mounting hardware

Superior Mounting Flexibility

- Standard ceiling mount
- Extended ceiling mount
- Flush ceiling mount
- Wall mount

Adjustable Ceiling Pipe Drop

- 12" – 18" extension
- Integrated cable management
- Accepts standard 1 ½" pipe extensions

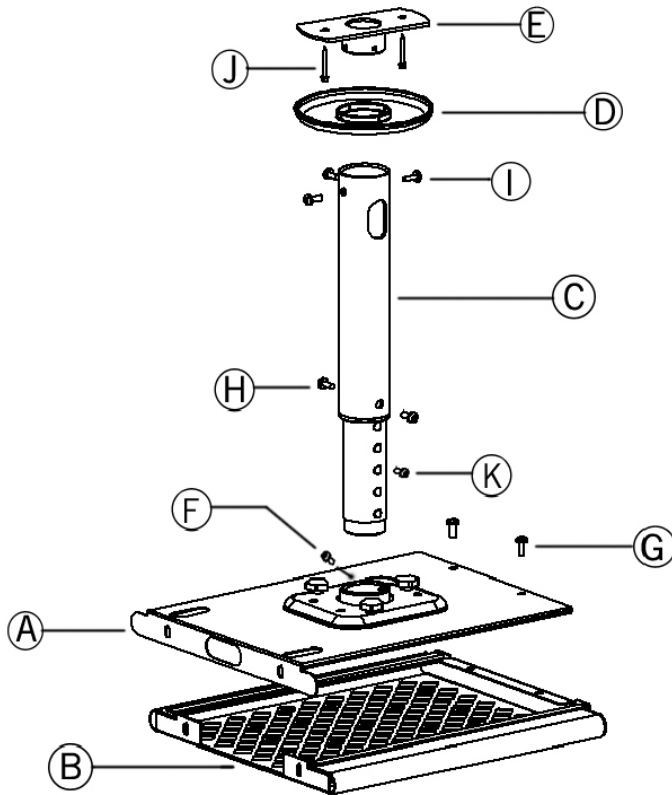
User Friendly Adjustments

- Hot swap sliding plate design
- Built-in pitch/tilt controls

P/N 1002082 REV. A 4/2/04



PMD Projector Mounts



Installation Instructions

PMD-1
PMD-2

Part	Description	Quant.	
Mount Assembly Hardware			
A	Top Projector Plate	1	
B	Bottom Projector Plate	1	
C	Pipe Drop Assembly	1	
D	Plastic Cover	1	
E	Ceiling Plate	1	Pouch
F	Hex Screw: 1/4"-20 X 1/4"	1	(d)
G	Screw: 1/4"-20 X 3/8"	2	(c)
H	Hex Screw: 1/4"-20 X 5/8"	2	(d)
I	Hex Screw: 1/4"-20 X 1/2"	3	(d)
J	Lag Bolt: 5/16" X 3"	2	(e)
K	Plastic Plugs	14	(b)
	Hex Wrench	1	(d)

Part	Projector Mounting Hardware		Quant.	Pouch
1	Large Washer		8	(a)
2	Metal Spacer: 1/2"		4	(a)
3	Plastic Spacer: 1"		1	(b)
	PMD-1	PMD-2		
4	Screw: 5mm x 30mm	Screw: 6mm x 30mm	4	(c)
5	Screw: 4mm x 30mm	Screw: 5mm x 30mm	4	(c)
6	Screw: 3mm x 30mm	Screw: 4mm x 30mm	4	(c)

IMPORTANT: To utilize the PMD projector mount, the projector must have mounting lands (threaded inserts) on the base. Consult a qualified installer if you have any questions regarding the proper installation of this projector mount system.



Hardware Pouches

Questions? 1-800-MOUNT IT

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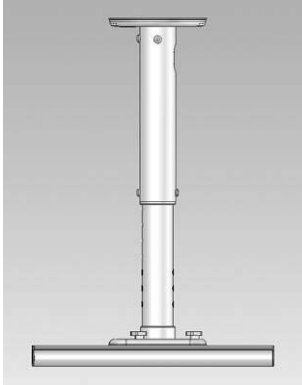
Step 1

With an electronic stud finder, locate center of ceiling stud in desired mounting location. Unscrew ceiling plate (E) from Projector Mounting top plate (A). Use ceiling plate as a template, and mark mounting hole locations. Drill mounting holes to a depth of 3" using a 3/16" drill bit. Mount ceiling plate to stud with 5/16" lag bolts (J).

Step 2

Determine type of installation.

Standard Ceiling Mount

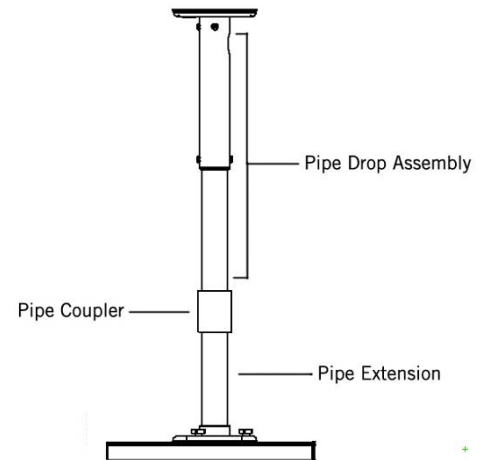


Press plastic cover (D) into place over ceiling plate. Attach pipe drop assembly (C) to ceiling plate with three 5/8" hex screws (H).

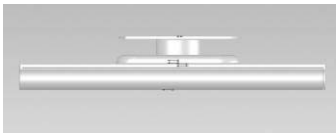
Note: Orient the cable management port on the pipe drop assembly so that it faces the projector cable drop.

Extended Ceiling Mount

For installations that require a ceiling drop in excess of 18", standard 1 1/2" pipe may be used to extend the standard pipe drop assembly. Pipe extension should be cut to the required additional length, threaded on both ends, and then attached to the standard pipe drop assembly with a pipe coupler (not supplied).



Flush Ceiling Mount

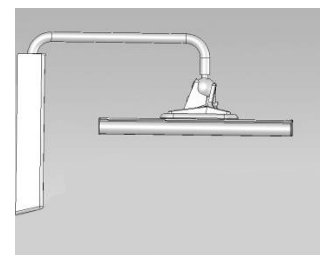


Proceed to step 3.

Note: Plastic cover is not used for flush mount.

Wall Mount

With the addition of the correct model OmniMount 30.0 (sold separately); the PMD can be mounted to a wall instead of the ceiling. This is particularly useful for small conference/classrooms where a ceiling mount is impractical. For details, please contact OmniMount Technical Support for mounting information.



Step 3

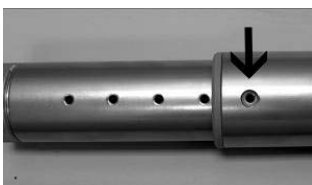


Fig. 1

Gently pull the extension tube of the pipe drop assembly down to the required projector height. Rotate extension tube so that adjustment screw holes are visible through the support tube. (Fig. 1)

Secure the pipe position by installing 5/8" long hex screws (I) into adjustment screw holes. For a cleaner appearance, insert plastic plugs (K) into unused holes on extension tube.

Separate top and bottom projector mounting plates (A&B), by sliding them apart. (Fig. 2) Thread ¼” hex head set screw (F) into side of pipe collar, on top projector mounting plate (A). (Fig. 3)

Note: If necessary, screw in tilt knob to gain access to the set screw hole.



Fig. 2



Fig. 3

Loosely thread top projector mounting plate (A) onto threaded portion of pipe drop.

Note: For flush ceiling mount, loosely thread top projector mounting plate directly onto threaded portion of ceiling plate.



Fig. 4



Fig. 5

Position top projector mounting plate into desired orientation (horizontal or vertical), and then tighten set screw (F). (Fig. 4)

Thread cable bundle through cable management port at top of pipe assembly, down through the pipe assembly, and then out through the cable management port on the rear of the projector mounting plate. (Fig. 5) (Standard ceiling mount only) Be sure to leave enough cable to reach the mounted projector.

Step 4

Determine required mounting screw size (4, 5 or 6 mm) for projector.

Note: Consult projectors owners’ manual for screw sizes and mounting holes.

Lay projector on table with mounting surface face up. Place grid section of bottom projector mounting plate onto top of projector in desired mounting orientation (horizontal or vertical). (Fig. 6) Using a pencil or felt tipped pen, mark the locations of the projectors threaded inserts onto the grid for reference. (Fig. 7)

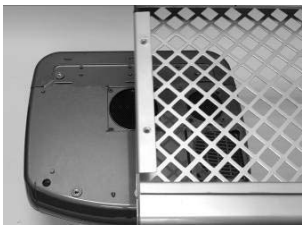


Fig. 6



Fig. 7

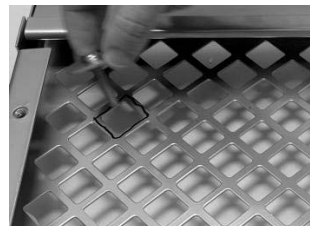


Fig. 8

Place a large washer (1) over mounting screw, and then insert screw through grid at marked location. (Fig. 8) Lift the projector mounting plate and place a second large washer (1) onto the end of the screw, followed by a metal spacer (2). Loosely thread (2-3 turns) screw assembly into the chosen threaded insert on the bottom of the projector. (Fig. 9) Repeat this procedure for the remaining threaded inserts. (Fig. 10)

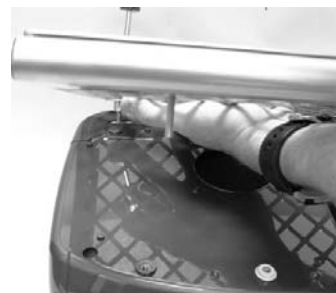


Fig. 9



Fig. 10

Note: A 1” plastic spacer (3) is included for projectors with uneven mounting surfaces. Trim the plastic spacer to the required length, and install on appropriate mounting screw.

Once all mounting screws have been installed, square up the projector mounting plate, and then tighten the mounting screws securely.

Caution: Do not force or over tighten the mounting screws, or damage to the projector may occur.

Step 5

Slide the bottom projector mounting plate onto the previously installed top projector mounting plate. (Fig. 11)

Important: Always secure projector plates by installing 3/8" screws (G) into holes on front edge of plates. Additional security can be provided by installing small padlocks through security slots at the rear of the projector plates. (Fig. 12)



Fig. 11

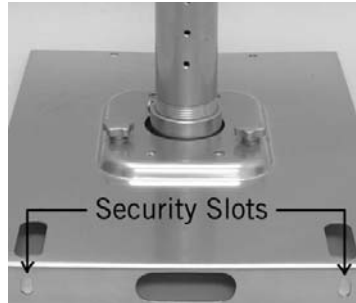


Fig. 12

Note: Make sure that the cables don't get pinched while sliding the plates together.

Attach cables to the projector. Turn projector ON, and make pitch and keystone adjustments as per the projector manufacturers instructions. For additional pitch/tilt, use the three adjustment knobs on top of the PMD mount (Fig. 13).

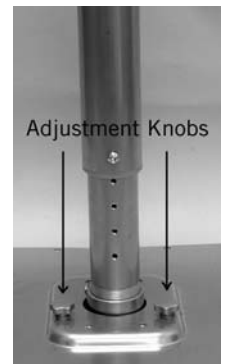


Fig. 13