

Installation Instructions

PMD-Series Projector Mount

www.RiteMounts.com

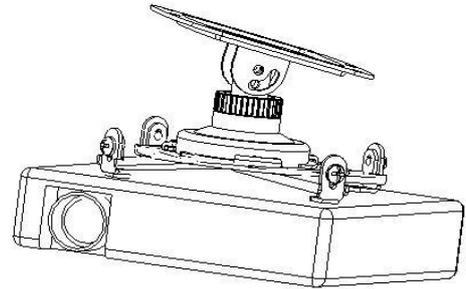


DISCLAIMER

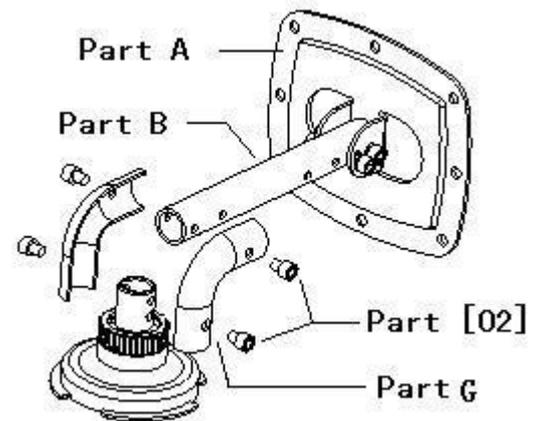
This document is intended to be accurate and complete. However, there is no guarantee the information contained herein covers every aspect. The manufacturer and the distributor make no representation of any warranty regarding the information contained, and assume no corresponding responsibility.

WARNING: If the ceiling structure can not support 5 times the weight of mount and the projector, reinforcement of the ceiling prior to installation may be necessary.

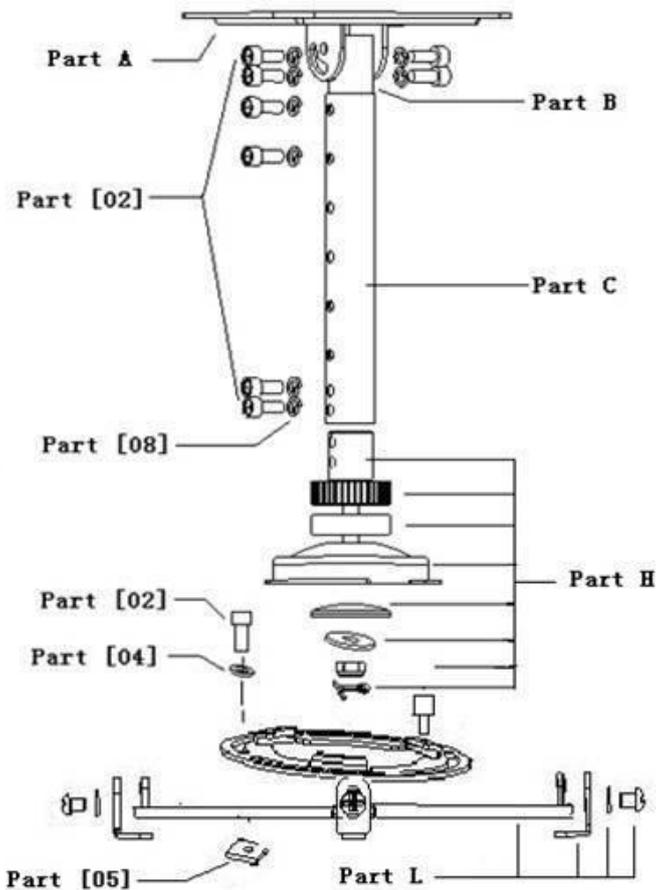
Use caution when installing in drywall.



Usual Installation
(Figure 2)

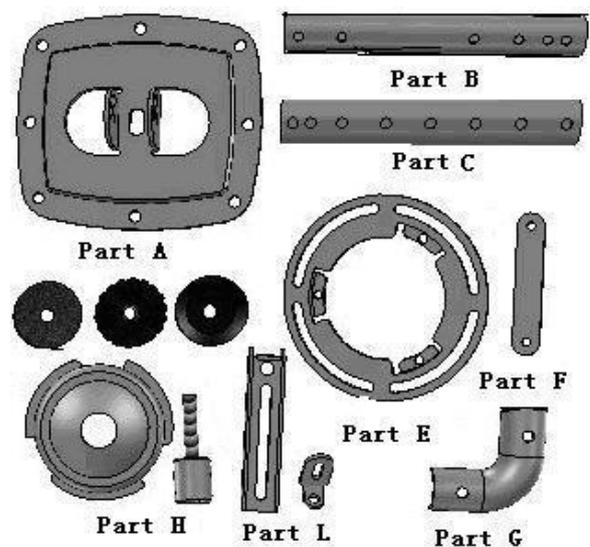


Use as wall mount with optional Part G
(Figure 3)



This figure shows the main parts.
(Figure 1)

Main Parts Manual



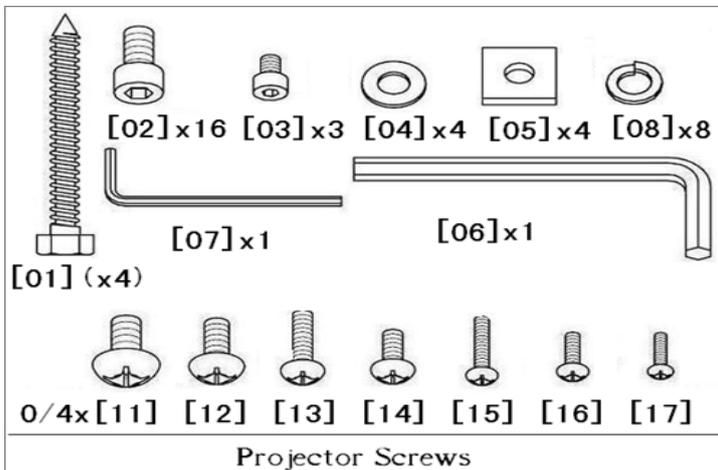
(Figure 4)

Screws List

Wood Screw	PART[01]
M6 Hex Screw	PART[02]
M4 Hex Screw	PART[03]
M6 Flat Washer	PART[04]
M6 Square Nut	PART[05]
M4 Allen Wrench	PART[06]
M6 Allen Wrench	PART[07]
M6 Lock Washer	PART[08]

Projector Screws

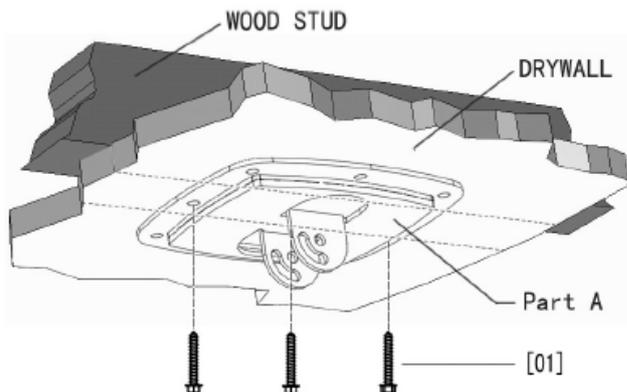
M6 (6mm) philips Screw	PART[11]
M5 (5mm) philips Screw	PART[12]
M4 (4mm) Long Philips	PART[13]
M4 (4mm) Short Philips	PART[14]
M3 (3mm) Long Philips	PART[15]
M3 (3mm) Short Philips	PART[16]
M2.5/2.6 (2.5mm) Philips	PART[17]



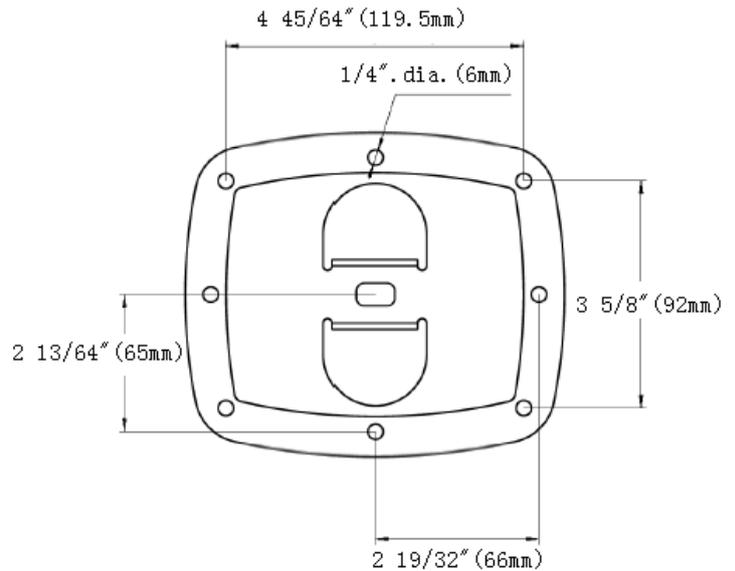
(Figure 5)

Install the ceiling plate

To install to a typical wood stud ceiling, first identify the wood stud using a stud finder, then secure the ceiling plate (Part-A) to the ceiling using the wood screws (Part-[01]). See Figure-7 for the measurement of Part-A, before you drill holes in the ceiling.



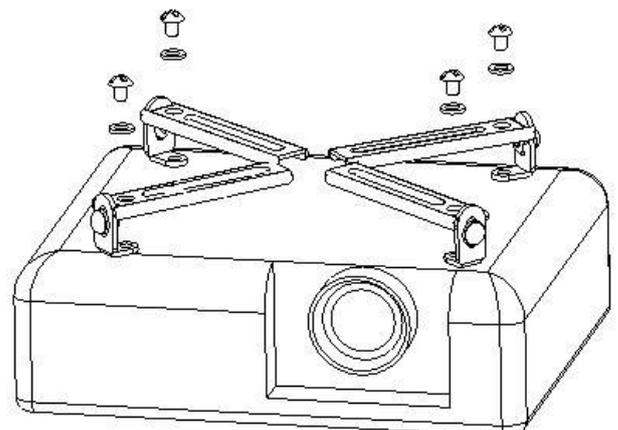
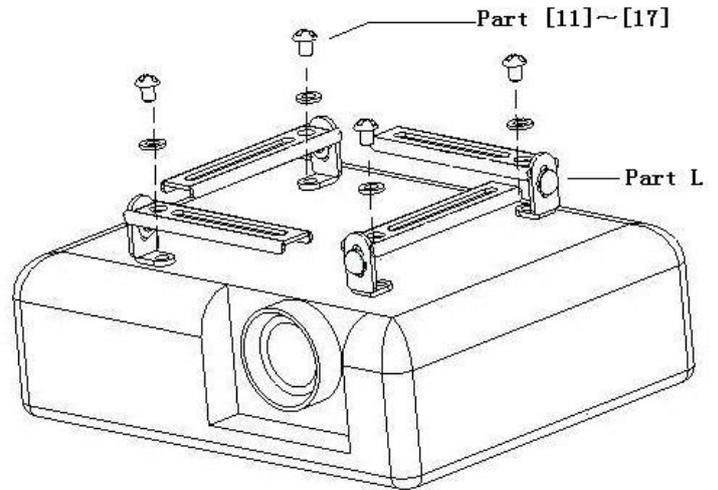
(Figure 6)



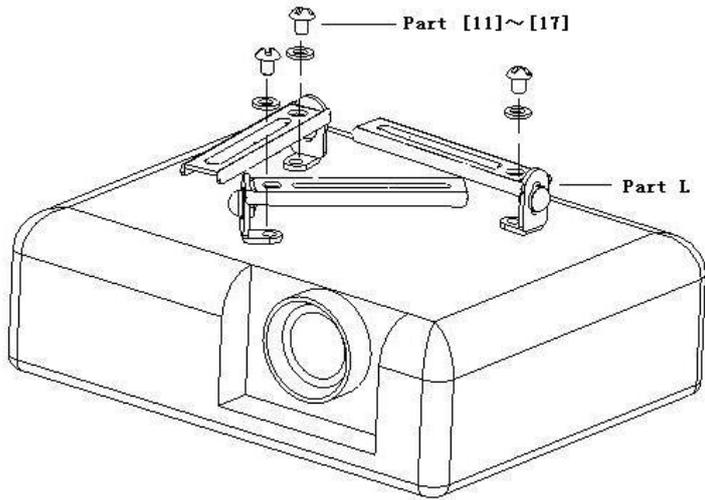
(Figure 7)

Attach mount bracket to projector

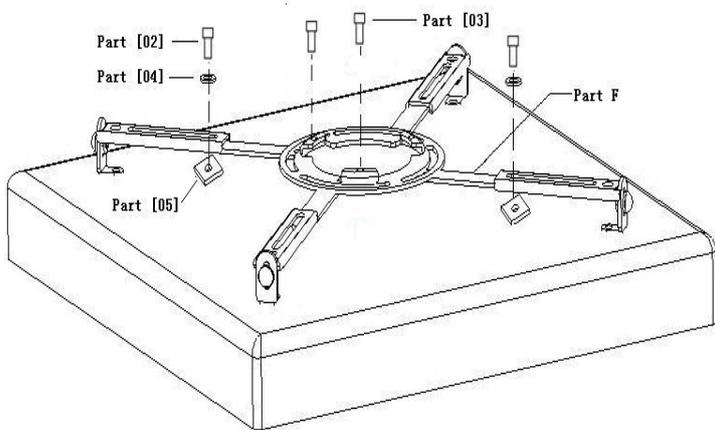
Invert the video projector, identify three or four tiny screw holes at the bottom. Attach the interface legs (Part-L) to the projector using screws Part-[11]~[17].



Above arrangement is typical for Optoma H27,H31,EP719 EP739,HD70,DELL 2100MP,2400MP,and HP projectors.



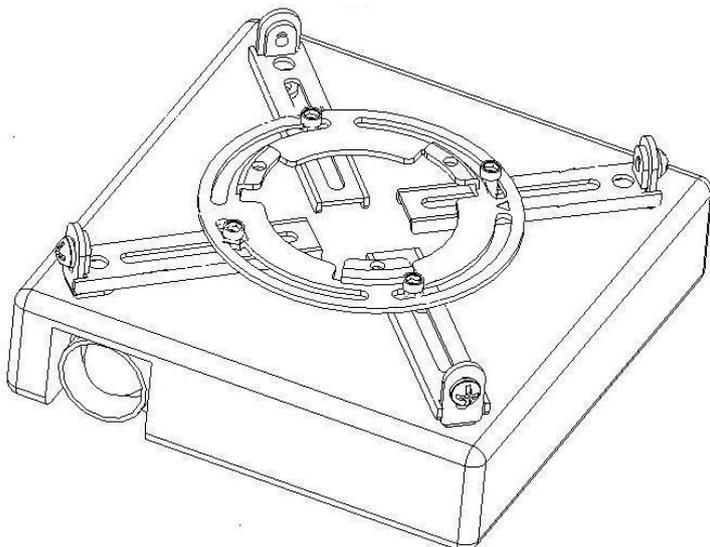
Above arrangement is typical for Optoma HD72 projector.



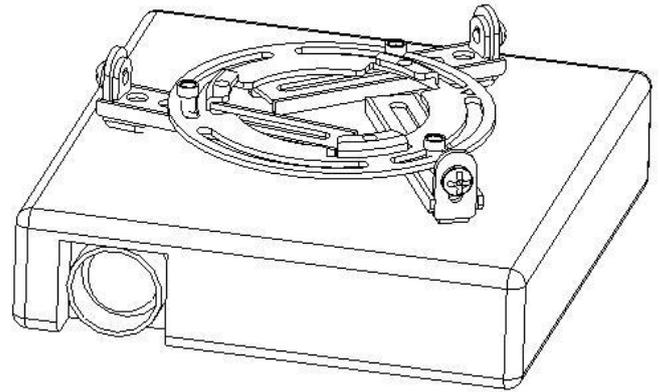
Above arrangement is for the projector with large screw span when the extension arms (Part-F) are used.

(Figure8)

Then put Part-E on to the interface legs (Part-L),secure them using Part-[02],Part-[04],Part-[05],also look at Figure 8 for details.



OR



(Figure 9)

Finish the assembly

1. To install without extension pipes (Flush mount), screw Part-H together (See Figure-10) then attach the axle joint (Part H) to the ceiling plate (Part-A figure 2).
2. To install with the extension pipes (Drop mount),install the two pipes underneath the ceiling plate (Look at Figure-1) , then connect Part-H to the thicker pipe (Part-C).
3. Slide the projector with Part-E installed onto Part-H, tighten Part-[03] screws ,the installation is now completed. (Look at Figure-1)

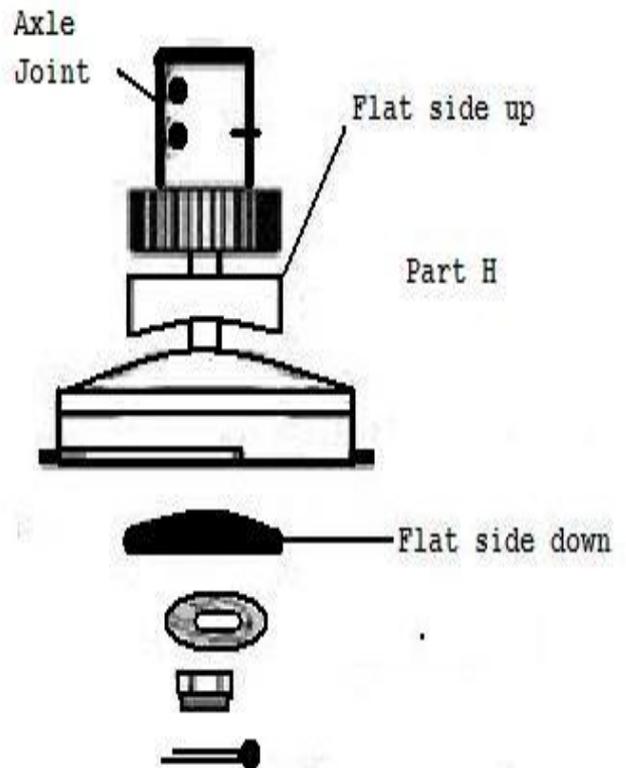


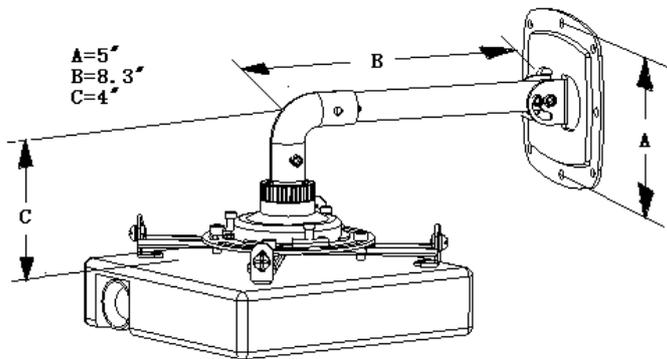
Figure 10 Part H

Optional drop down extension pipes

The PMS series mount comes with a 10-14 inch drop down extension pipes. (10-14 is the total drop from the ceiling to the projector) It is adjustable in one inch increments. Longer extension pipes are available. Only part B should be used with the wall mount option.

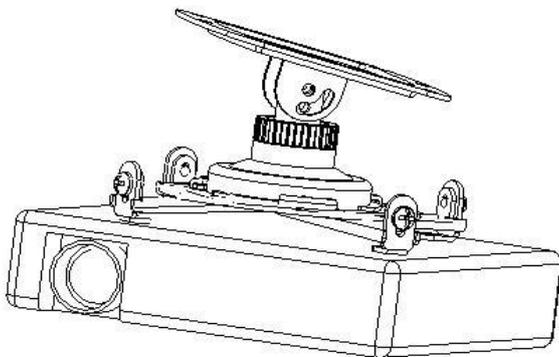
Wall Mount

Use the optional Part-G (Not Included in standard ceiling mount), to convert the PMS mount into a wall mount, please look at Figure 3 for more details.

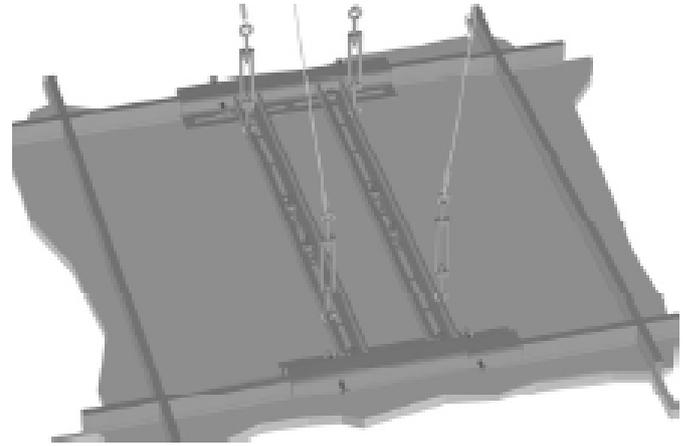


Vaulted ceiling and suspended ceilings

To mount the PMS on vaulted or angled ceilings. Just loosen the screws (Part-[02]) connecting Part-A and Part-B (or Part-H), let the projector hang freely, then tighten the screws (Part-[02]).



False/Drop/Suspended ceiling: Using our suspended ceiling adaptor, (not included) the mount could be installed underneath the drop ceiling tile. The suspended ceiling adaptor will be supported by the true ceiling structure.



Quick release

Loosen the screws (Part-[03]) at the rim of Part-E, you can easily slide the projector with Part-E from Part-H. When placing the projector back onto the mount, the projection direction will be easily regained since the axle joint remains unchanged.