

ALZO Suspended Ceiling Video Projector Mount Installation Guide

THE KIT INCLUDES

- 1 - 2 Piece Ceiling Suspension Rod with coupling and scissor clamp
- 2 - Projector Mount Spider Bracket + leg extensions
- 3 - Install parts hardware kit with hex key tools



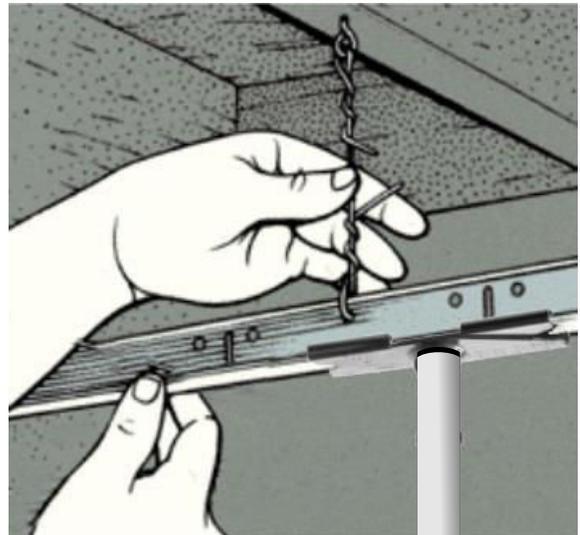
CAUTION: Typical suspended ceilings are not intended to support weight. A suspended ceiling system will typically require modification in order to support the weight of a video projector in excess of 2 pounds. If you do not have construction skills, we strongly recommend that you have a licensed contractor make the modifications required.

Suspended ceiling metal frames are constructed of long un-broken runs of framing called main runners and short pieces called connectors fitting between long runs to form the grid. It is best to suspend a projector from the long main runners of framing and not the short connectors. If the best location for the projector is on a short connector than you will need to add a support wire physically attached to the true ceiling at the location of the projector.

STEP 1 - Locate the position where the projector will be installed and mark the metal frame with a pencil. Then remove the ceiling tiles on both sides of this location.

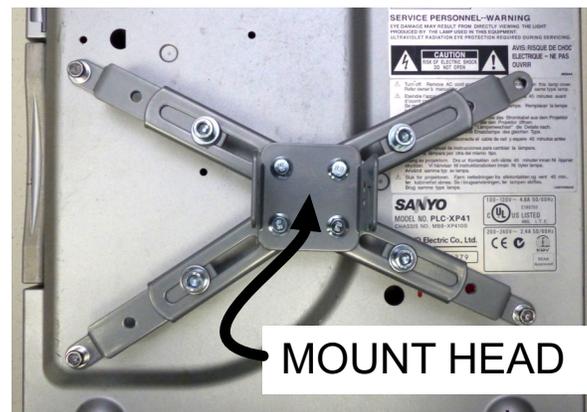
STEP 2- Inspect the installation of the support wires attached to the framing and if there is a support wire within 4 inches of the projector location mark than the addition of a support wire is not required.

If the closest support wire is more than 4 inches from the projector location, than it is strongly recommended to add a new support wire directly over this location. Replicate the method of connection of the support wire to the ceiling framing or concrete.



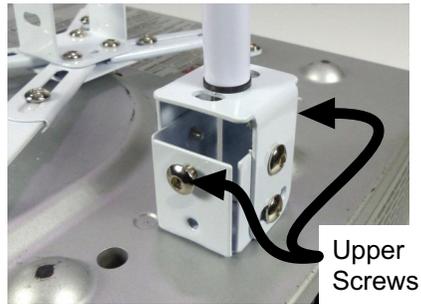
STEP 3 - You can mount the projector with 3 or 4 of the Projector Mount Spider Bracket legs. With the projector upside down on a table locate the 3 or 4 mounting screw threads and locate the screws in the hardware kit that fit the projector mount thread holes and attach the spider mount legs with these screws. If none of the screws fit correctly you will need to visit your hardware store to obtain the correct screws with at least 1/2 inch length. Adjust the leg span of Projector Mount Spider by using the long or short leg extensions and or by relocating the screws on the extensions

The best alignment may require substituting the longer extensions in 1 or 2 of the arms. When the Projector Mount Bracket is correctly aligned the mount head will be near the center of the projector and the legs of the mount will be near symmetrical. If the projector will be tilted down, the mount head should be positioned toward the back of the projector.

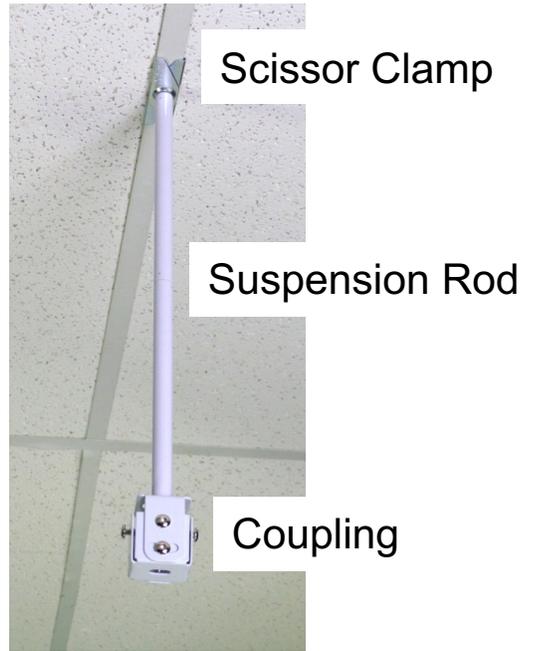


Tighten all of the screws on the arms of the projector mount after the proper position adjustment.

STEP 4 - Prep the coupling by removing and set aside the 2 lower tilt adjust screws as shown here. Then loosen the 2 upper screws about 1/4 inch such that they fit into the Projector Mount Head slotted holes.

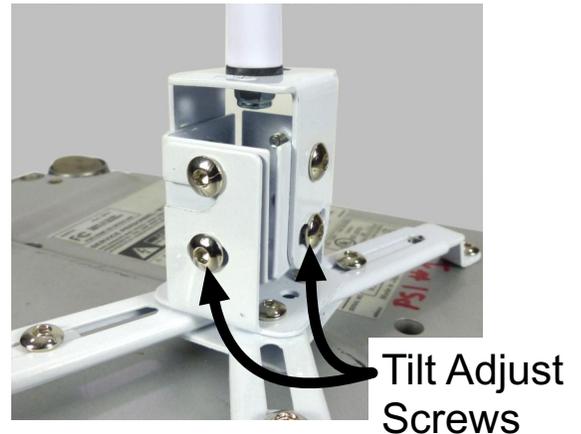


STEP 5 - The length of the 2 Piece Ceiling Suspension Rod can be adjusted by removing one of the sections. Loosen the ceiling frame scissor clamp on the suspension rod and open the clamp to an X shape. Place the scissor clamp on the reinforced ceiling frame location and close the clamp assuring that all 4 wings are wrapped over the suspended ceiling metal frame. Now clockwise rotate the suspension rod to tighten it on to the scissor clamp with the lock washer.



Clockwise rotate the coupling at the base of the suspension rod until it aligns as required.

STEP 6 - You can now mount the projector on to the suspension rod coupling as shown. Then add the 2 tilt adjust screws on the sides of the mount as shown. Lighten tighten the screws with the supplied Hex Key.



If the projector is off balance and tilts in the wrong direction with the lens aiming up, you will need to remove the projector from the coupling, set in on the table and re-adjust the projector mount legs to reposition the location of the mount head. This may require trial and error such that the projectors natural tilt is near correct. Minor tilt adjustments can now be made with the tilt adjust screws by loosened and then re-tightened.

Now you will need to install the power and signal cords and start the projector to project an image for alignment.

Physical alignment is obtained by loosening the 4 tilt adjust cap screws while handling the projector to adjust alignment. your image will require key stone adjustment in the projector settings.

Projector cords can be run above the ceiling tiles or we offer accessory T-Bar Hooks for below ceiling cable management.

ALZO sells accessory 8 inch extension rods if your ceiling is very high and you need to lower the projector.

ACCESORY T-BAR HOOKS (SET OF 4)



If you have additional questions regarding the installation or application of this product, we welcome you to contact us directly at csupport@alzodigital.com or 800-582-7009.