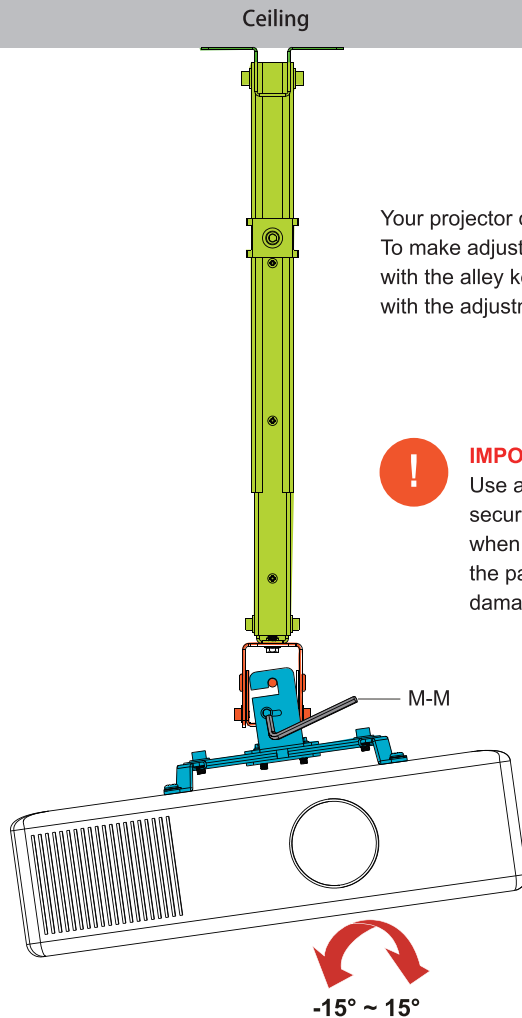


## 6 Adjustments



Your projector ceiling mount is now installed.  
To make adjustments, loosen up the screws slightly  
with the alley key (M-M). When you are satisfied  
with the adjustments, tighten up the screws again.



### IMPORTANT:

Use an assistant for this step to hold projector  
securely. Do not loosen screws all the way  
when making adjustments, this will disconnect  
the parts and may cause injury or property  
damage.



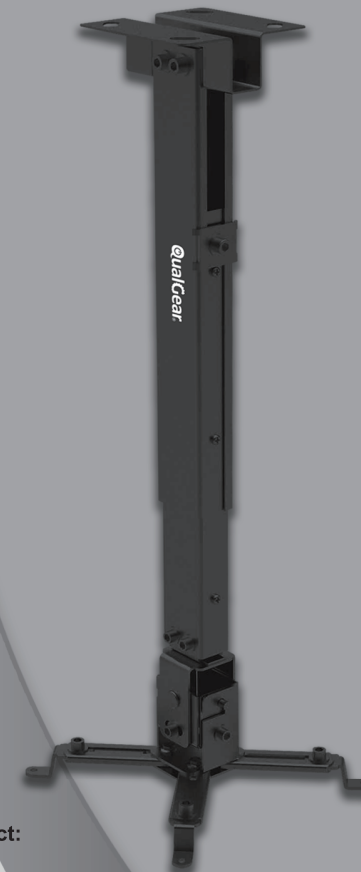
## Maintenance

Please check that the projector mount is secure and safe to use at regular intervals. If you have any questions regarding any of the instructions or warnings, please contact your local distributor (OR) contact QualGear technical support via email at [support@qualgear.com](mailto:support@qualgear.com).

**QualGear®**  
Accessories that Inspire.

**QG-PM-002-BLK**  
INSTALLATION MANUAL

## PROJECTOR CEILING MOUNT



Scan the QR Code™ below  
for more info about this product:



**20kg  
(44lbs)  
RATED**

### CAUTION!

Do not exceed the maximum rated weight  
specified. Otherwise, serious injury or  
property damage may occur.



■ 1 Year Limited Warranty

■ Version November 2022

**NOTE** Please read the entire installation manual before you start installation and assembly.

## ! WARNING

- Do not begin to install your QualGear product until you have read and understood all the instructions and warnings contained in this installation manual. If you have any questions regarding the instructions, for US customers please contact QualGear customer support via email at support@qualgear.com. For all international customers, please contact your local distributor.
- This product should only be installed by someone of good mechanical aptitude, has experience with basic building construction, and fully understands these instructions.
- This product was designed to be installed and utilized only as specified in this manual. Improper installation of this product may cause damage or serious injury. QualGear is not liable for the improper use or installation of its products.
- Make sure that the supporting surface will safely support the combined load of the equipment and all attached hardware and components.
- Always use an assistant or mechanical lifting equipment to safely lift and position the equipment.
- Tighten screws firmly, but do not over tighten. Over tightening can damage the items, greatly reducing their holding power.
- ALL QUALGEAR products are intended for indoor use only and any outdoor use voids the limited warranty.
- ALL QUALGEAR products are designed and tested for residential use only and any commercial use voids the limited warranty. For warranty information, please visit <http://www.qualgear.com/warranty.php>.
- If mounting to wooden studs, make sure that mounting screws are anchored into the center of the studs. Use of an edge-to-edge stud finder is highly recommended.
- Never exceed the maximum rated weight specified in this manual.
- All bolts and screws must be used at the designated points in the installation instructions to prevent property damage and/or personal injury.
- DO NOT install near air conditioner vents or where there is excessive dust or smoke.
- When drilling holes in the ceiling, it is very important to take care of electrical cables, water, or gas pipes in the ceiling.

• This product was designed to be installed on the following ceiling construction only:

### CEILING CONSTRUCTION

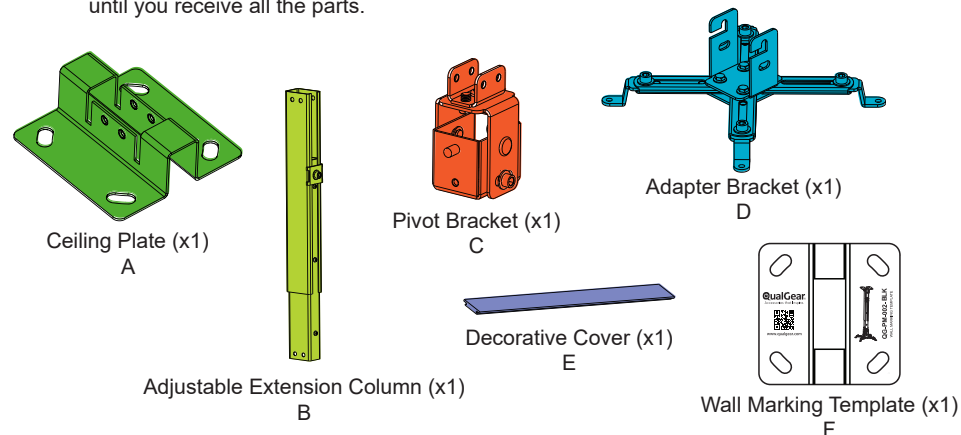
Wooden Stud  
Wooden Beam  
Solid Concrete  
Brick  
Other

### HARDWARE REQUIRED

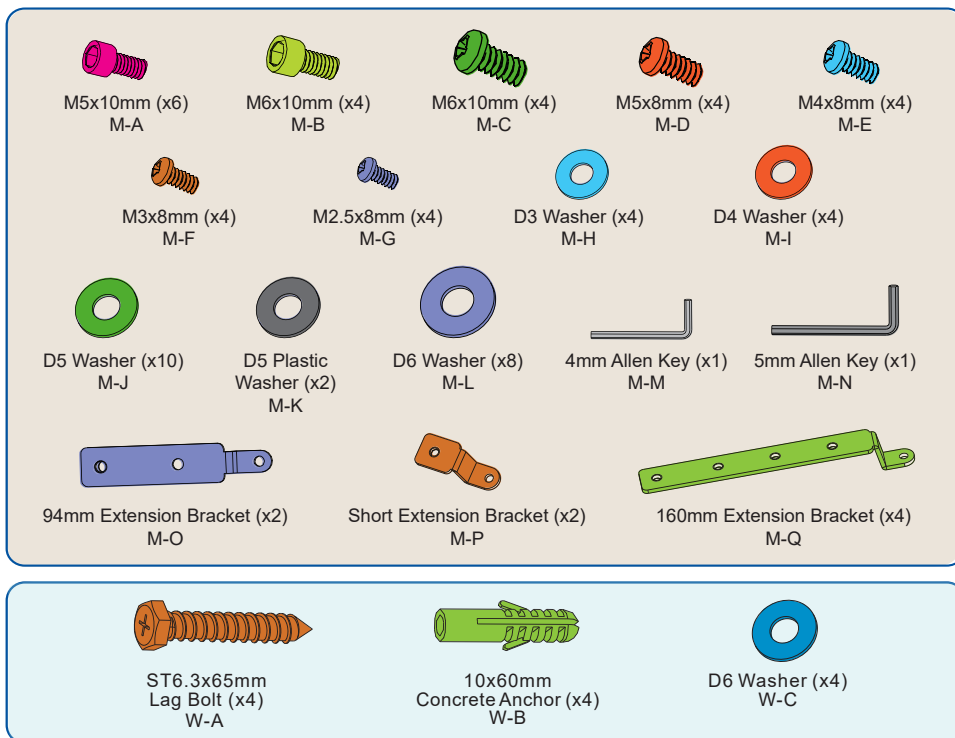
Included  
Included  
Included  
Included  
Contact Qualified Professional

## Parts Checklist

**! IMPORTANT:** Before starting installation, please check that all parts shown in this checklist are included. If any parts are missing or damaged, contact your local distributor or support@qualgear.com for replacement parts and do not start assembly and installation until you receive all the parts.

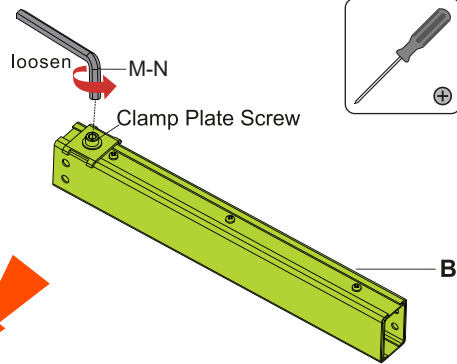


## Hardware Package

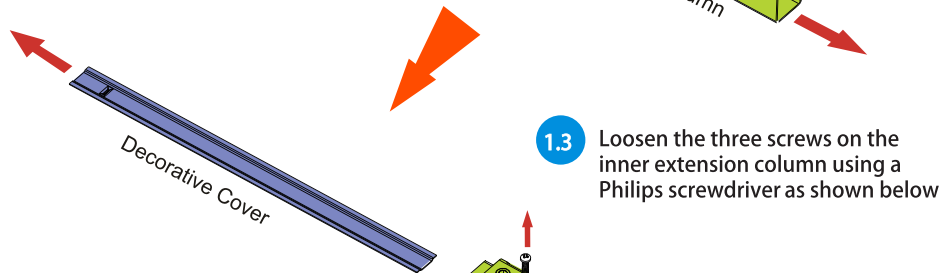


## 1 Cable Management

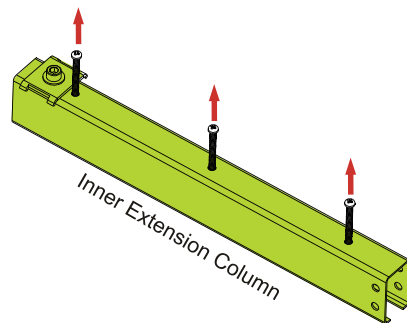
- 1.1 Loosen the clamp plate screw on the inner extension column using 5mm Allen Key (M-N) as shown on the right



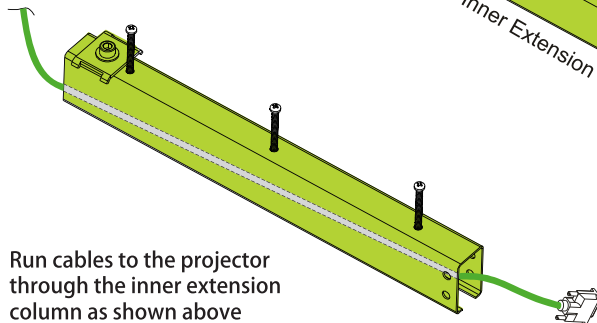
- 1.2 Separate the inner extension column from the outer one as shown above



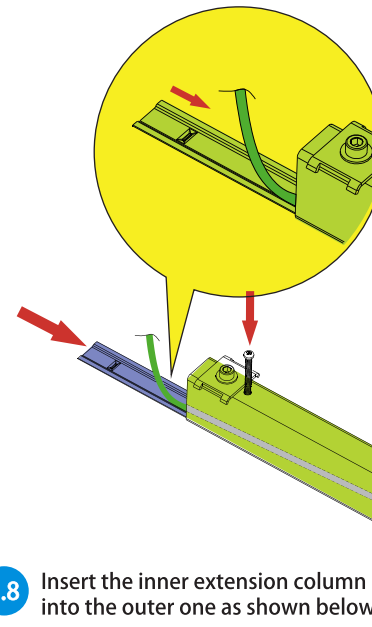
- 1.3 Loosen the three screws on the inner extension column using a Philips screwdriver as shown below



- 1.4 Remove the decorative cover from the inner extension column as shown above



- 1.5 Run cables to the projector through the inner extension column as shown above

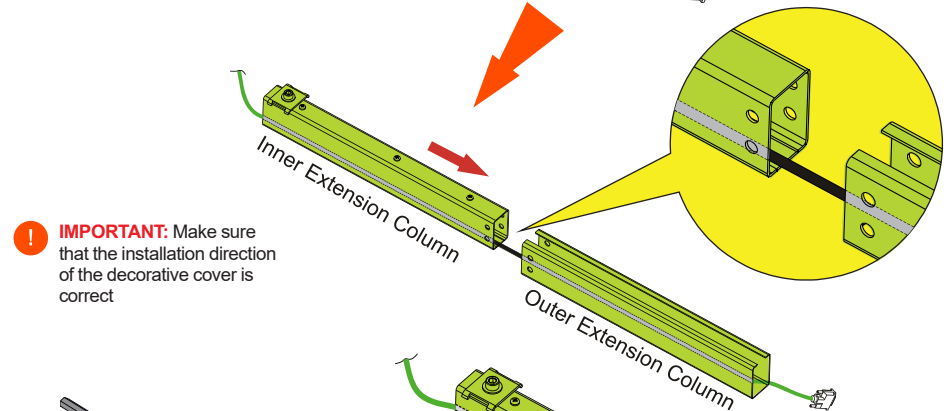


**NOTE** Make sure the installation direction of the decorative cover is correct.

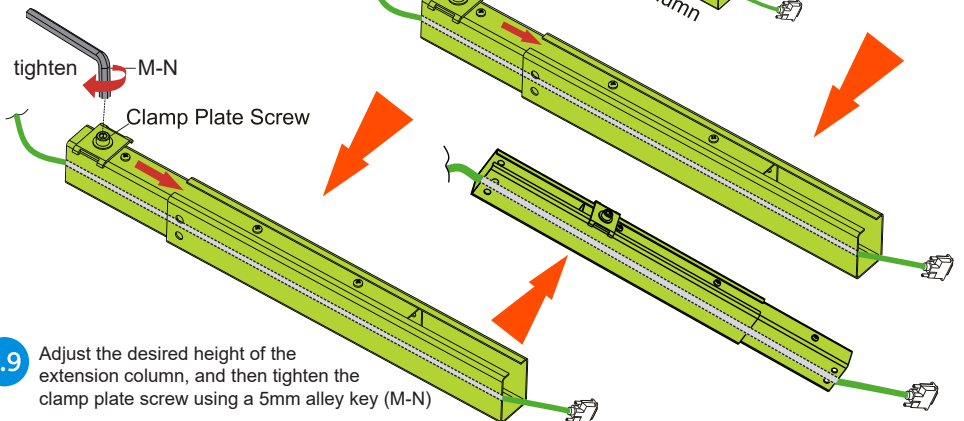
- 1.6 Insert the decorative cover into the inner extension column as shown on the left

- 1.7 Tighten the three screws on the inner extension column using a Philips screwdriver as shown on the left

- 1.8 Insert the inner extension column into the outer one as shown below



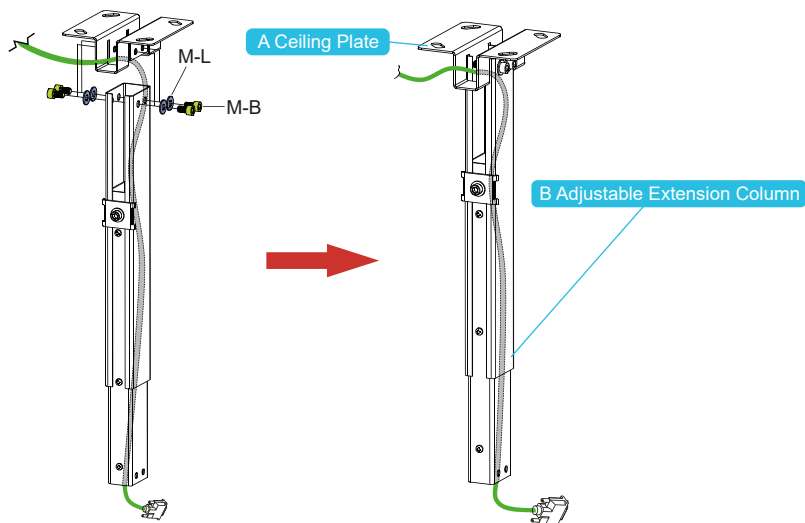
**IMPORTANT:** Make sure that the installation direction of the decorative cover is correct



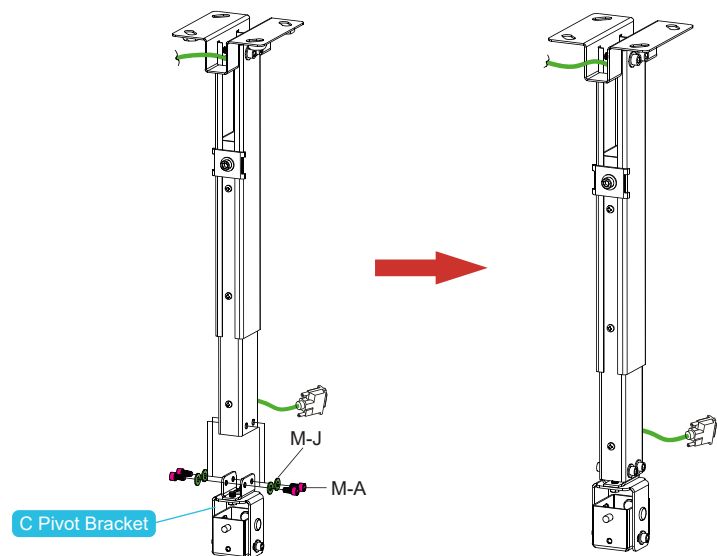
- 1.9 Adjust the desired height of the extension column, and then tighten the clamp plate screw using a 5mm allen key (M-N)

## 2 Installing the Projector Ceiling Mount Assembly

Attach the adjustable extension column to the ceiling plate with four M6 screws (M-B) and four D6 washers (M-L) using a 5mm Allen key (M-N) as shown below.



Insert the pivot bracket into the end of the inner extension column and secure with four M5 screws (M-A) and four D5 washers (M-J) using a 4mm Allen key (M-M) as shown below.

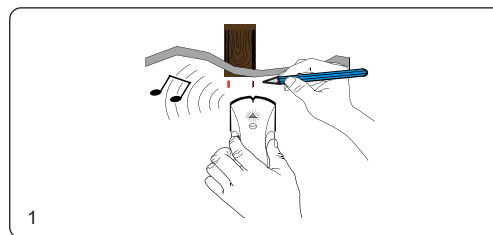


## 3a Mounting to a Wooden Ceiling

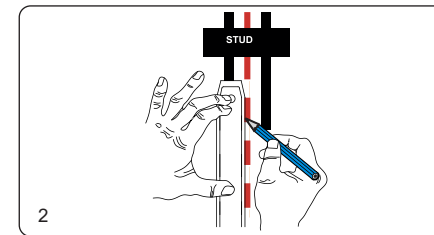


### NOTE

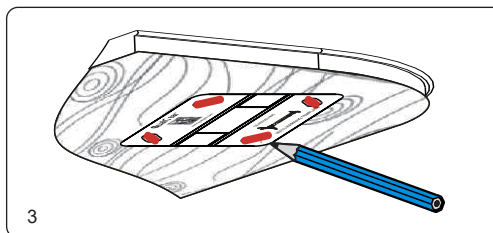
For concrete ceiling mounting, follow Step 3b. For mounting to drywall, use toggle anchors (not included).



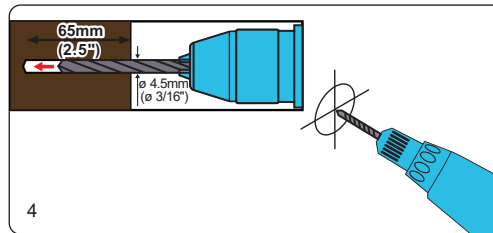
Using an edge-to-edge stud finder, find the edges of the stud.



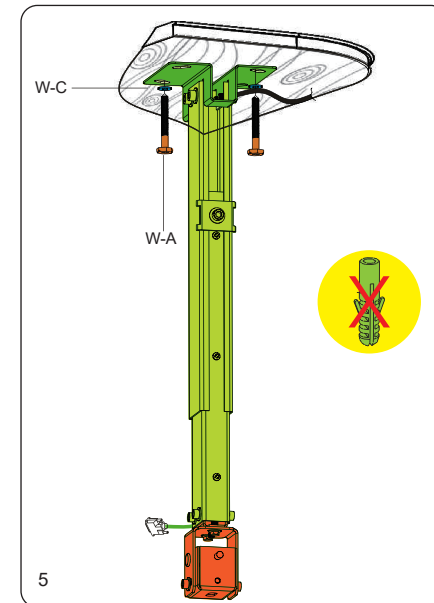
Using a straight edge, mark the centerline of the stud.



Using the marking template provided, mark holes for drilling. Make sure at least two holes are on the centerline of the stud.

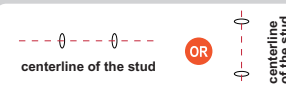


Using a power drill and 3/16" drill bit, drill pilot holes of 3/16" (4.5 mm) diameter and at least 2.5" (65mm) depth.



### TIP

Depending on the direction of the studs, choose the mounting holes accordingly.



Mount the ceiling plate and tighten with the lag bolts (W-A) and washers (W-C) using a socket wrench.

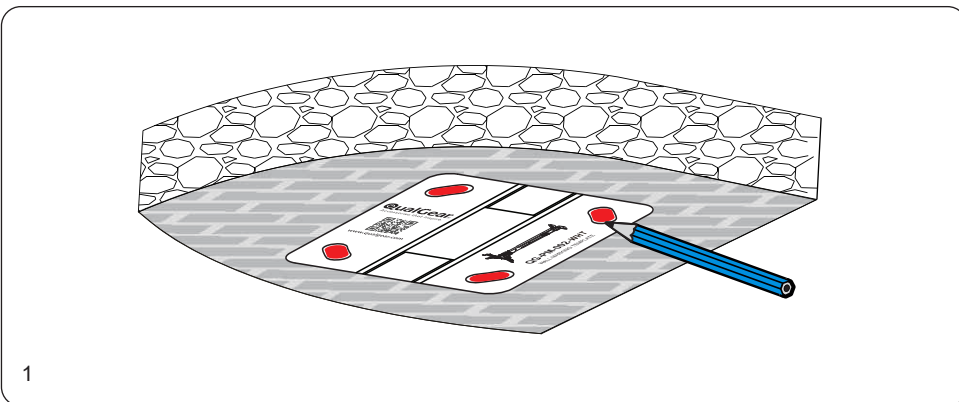
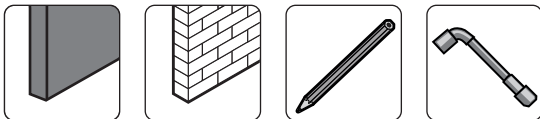
**SKIP TO STEP 4** →

## WARNING

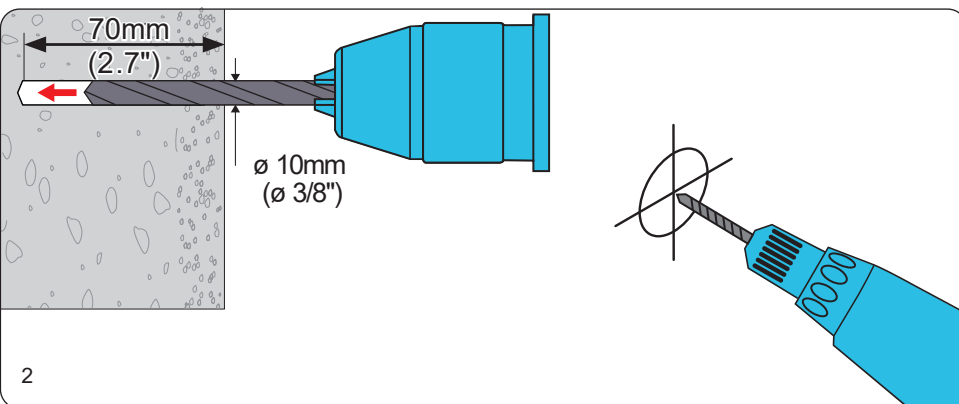
- Installers are responsible for providing hardware for other types of mounting situations.
- Installers must verify that the supporting surface will safely support the combined weight of the equipment and all attached hardware and components.



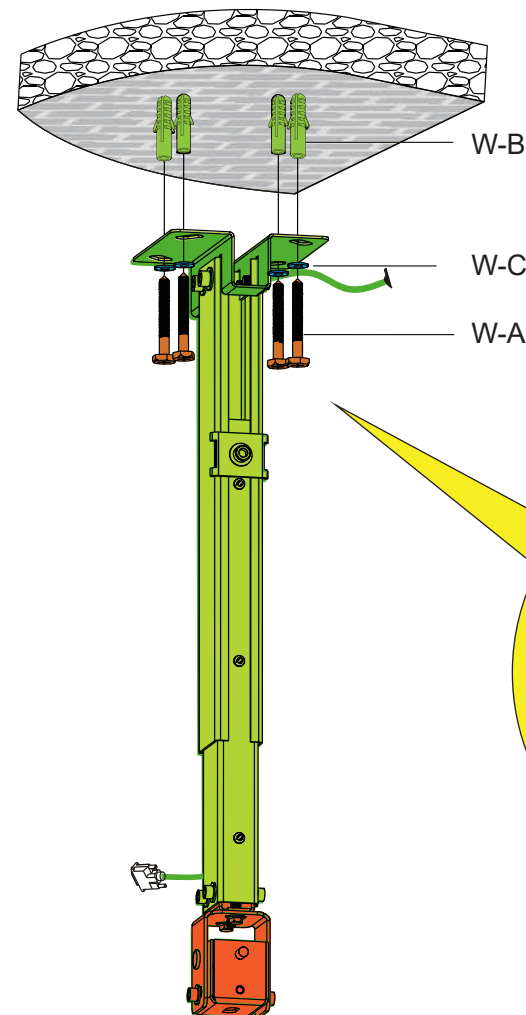
### 3b) Mounting to a Brick or a Concrete Ceiling



Hold the marking template provided against the ceiling where you want to install the projector, mark four holes for drilling.

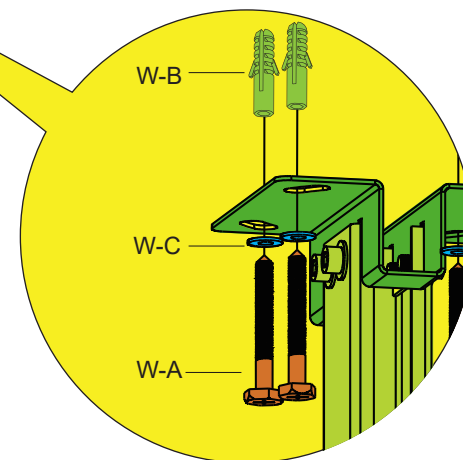


Using a power drill and a 3/8" masonry drill bit, drill mounting holes of 3/8" (10 mm) diameter and 2.7" (70 mm) depth at the marked locations in the previous step.



**NOTE**

Do NOT use power drill and do NOT over tighten the lag bolts.

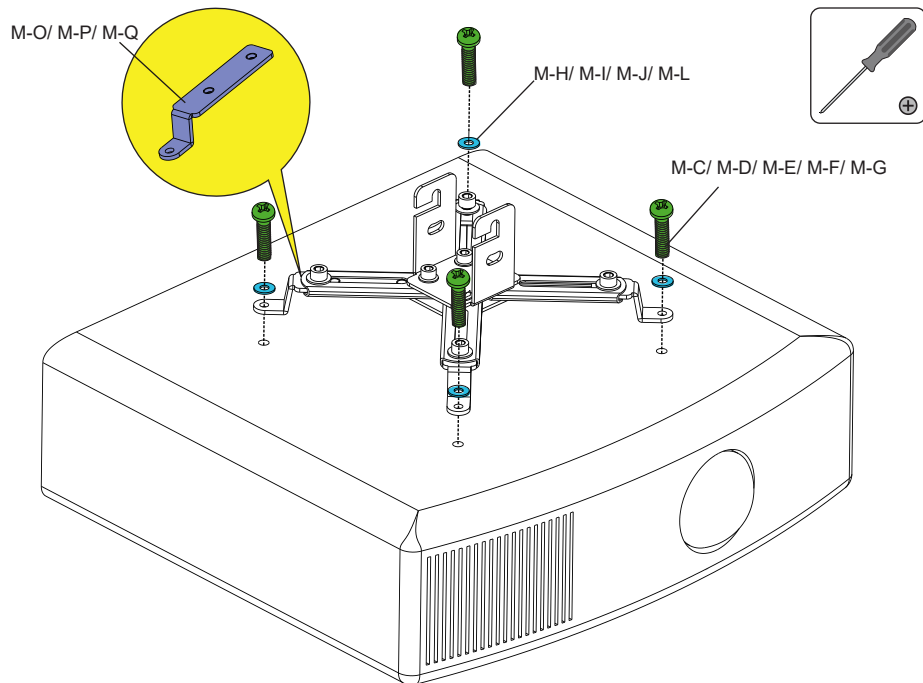


Place concrete anchors (W-B) in each hole. Tap each anchor flush with the ceiling surface using a hammer. Mount the ceiling plate and tighten with the lag bolts (W-A) and washers (W-C) using a socket wrench.

### **WARNING**

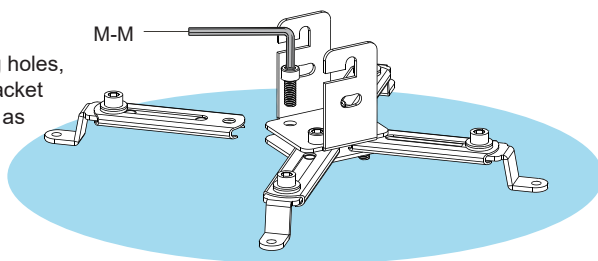
- Installers are responsible to provide hardware for other types of mounting situations.
- Installers must verify that the supporting surface will safely support the combined weight of the equipment and all attached hardware and components.

## 4 Installing Adapter Bracket to the Projector



### TIP

If your projector has 3 mounting holes, remove additional extension bracket using the 4mm Allen key (M-M) as shown on the right.



Depending on the mounting hole configuration of your projector, replace the attached extension brackets with the additional extension brackets provided, choose from (M-O/ M-P/ M-Q).

Then, place the projector bracket as close to the center of gravity of the projector as possible, align the holes of the extension brackets over the mounting holes of the projector. Select the appropriate screws (M-C/ M-D/ M-E/ M-F/ M-G) and washers (M-H/ M-I/ M-J/ M-L) according to the mounting holes of your projector, and tighten the screws using a screwdriver.

### NOTE

If your projector does not have at least three mount holes, do NOT use this projector mount.

Tighten all screws but do NOT over tighten.

## 5 Connecting the Projector Mount Assembly to the Extension Column

