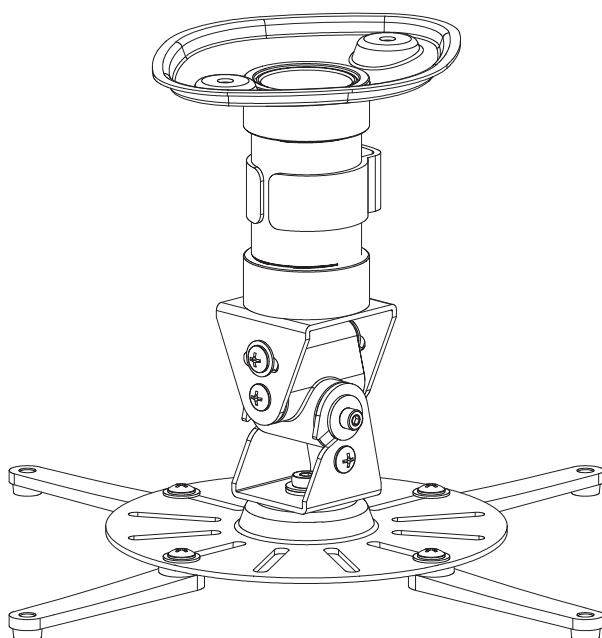


INSIGNIA™

INSTALLATION GUIDE

Universal Projector Ceiling Mount

NS-PROJ25



Before using your new product, please read these instructions to prevent any damage.

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Introduction

Congratulations on your purchase of a high-quality Insignia product! Your NS-PROJ25 represents the state of the art in projector mount design and is designed for reliable and trouble-free performance.

IMPORTANT SAFEGUARDS



IMPORTANT SAFETY INSTRUCTIONS - SAVE THESE INSTRUCTIONS

WARNINGS: To reduce the risk of fire, electrical shock, or injury follow these basic precautions when using your projector mount.

- Read all instructions before using the projector mount.
- Do not use this product for any purpose not explicitly specified by the manufacturer. Improper installation may cause property damage or personal injury. If you do not understand the directions, or have doubts about the safety of the installation, contact the manufacturer or call a qualified contractor. The manufacturer is not liable for damage or injury caused by incorrect mounting, assembly, or use.

- If you are unsure about any part of the installation process, contact a professional contractor or installer for assistance. Improper installation can result in personal injury or damage to the product or your equipment.
- The ceiling or mounting surface must be capable of supporting four times the combined weight of the mount and projector. If not, the structure must be reinforced.
- Relocate pipes, wires, or any other hazards away from the area where you wish to install the mount before drilling.
- Safety gear and proper tools must be used for this installation. Failure to do so can result in personal injury or damage to the product or your equipment.
- Follow all instructions and recommendations regarding adequate ventilation and suitable locations for mounting your projector. Consult the owner's manual for your particular display for more information.
- This mount is intended for use only with the maximum weight of 35 lbs. (15.87 kg). Use with equipment that is heavier than the maximum weights indicated may result in instability, causing possible personal injury or damage to the product or your equipment.
- This product contains small items that could be a choking hazard if swallowed. Keep these items away from young children.
- Follow mounting instructions carefully.

Features

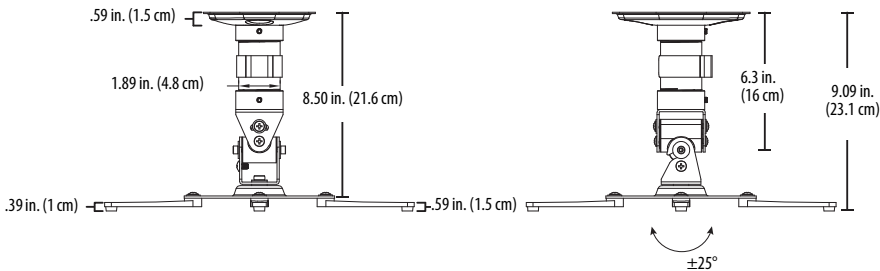
- 35 lbs. (15.87 kg) max weight capacity supports most home theater and business projectors
- Fits most projectors with 3- or 4-bolt mounting systems
- Projector can be tilted +/- 25° and mount rotated 360° when installed
- Black, heavy-duty metal construction grants durable, dependable use
- Hardware included for an effortless setup
- Mounts to wood studs or concrete for a sturdy, stable installation
- Cable management clip keeps power cords out of the way

Mounting options

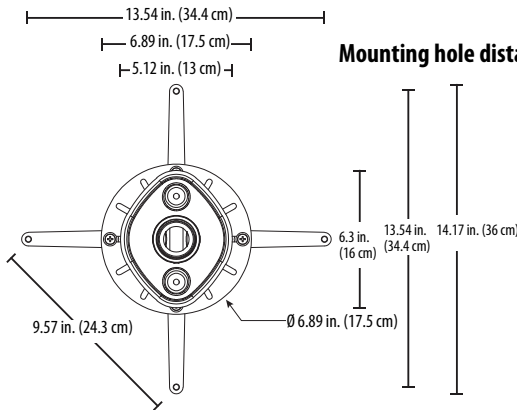
This versatile mounting system can be used to mount your projector horizontally on a drywall, wood panel, or concrete ceiling.

Dimensions and mounting hole patterns

Overall dimensions

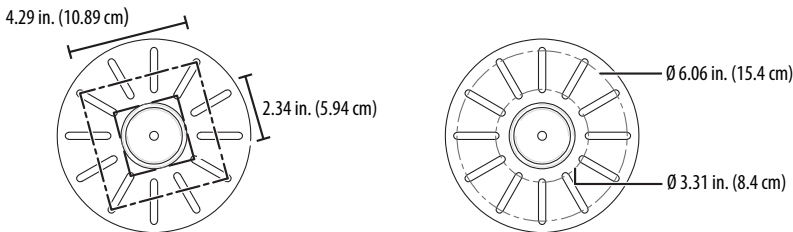


Mounting hole distances



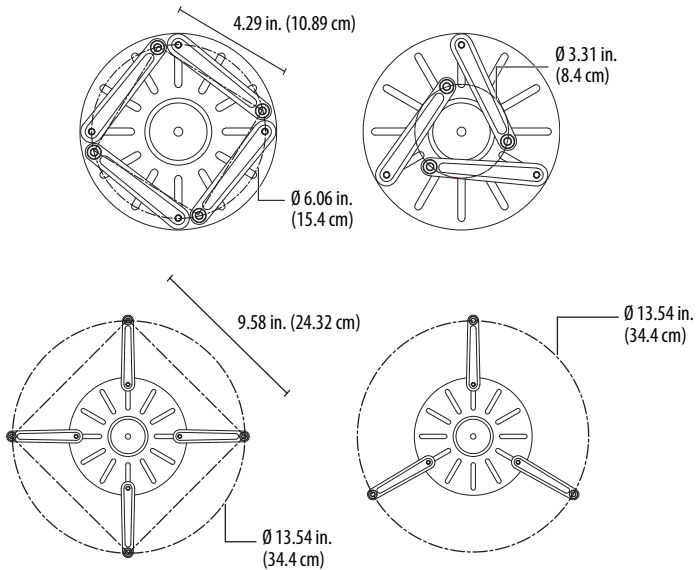
Dimensions without mounting arms

The mounting base can be used by itself for projectors with square mounting plates and four holes, with hole distances between 2.34 and 4.29 in. (5.94 to 10.89 cm). It can also be used on projectors with two or three holes, with a distance between the mounting holes of 3.31 to 6.06 in. (8.4 to 15.4 cm).



Dimensions with mounting arms

The mounting base with the mounting arms attached should be used for projectors with square or rectangular mounting plates and four holes, with hole distances between 4.29 and 13.54 in. (10.89 to 34.4 cm). It can also be used on projectors with two or three holes, with a distance between the mounting holes of 3.31 to 13.54 in. (8.4 to 34.4 cm).



CAUTION: Projectors with extreme or eccentric mounting holes may be difficult to mount. If your projector is in this category, make sure that there are no safety risks before or after mounting.

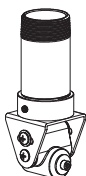
Note: This projector mount is not for use with projectors with one-bolt mounting systems.

Package contents

Parts



A - Ceiling plate



B - Mounting body



C - Mounting base



Ceiling plate template



D - Mounting arms (4)


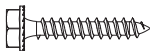









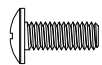


E - Cable clip



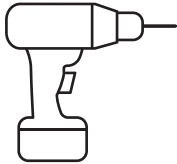
Installation Guide

Hardware

Label	Hardware	Qty.
F	 Concrete anchor	2
G	 M6 x 50 lag bolt	2
H	 5 mm hex wrench	1
I	 3 mm hex wrench	1
J	 M6 x 12 mm screw	5
K	 M5/M6 black zinc washer	4

Label	Hardware	Qty.
L	 M3 x 18 mm screw	4
M	 M4 x 20 mm screw	4
N	 M5 x 20 mm screw	4
O	 M6 x 20 mm screw	4
P	 M3/M4 washer	4
Q	 M5/M6 blue zinc washer	4

Installation tools required (not provided)



Drill

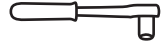


1/8 in. (3 mm) wood bit
(for wood stud ceiling)

3/8 in. (10 mm) masonry
bit (for concrete ceiling)



Pencil



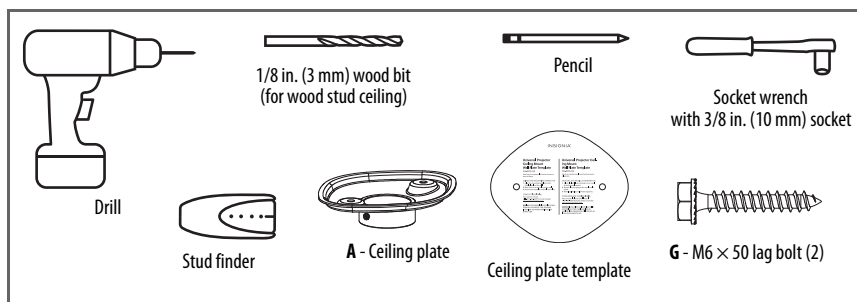
Socket wrench
with 3/8 in. (10 mm) socket



Stud finder (for
wood stud ceiling)

Step 1: Option 1 - Mounting on a drywall ceiling

You will need

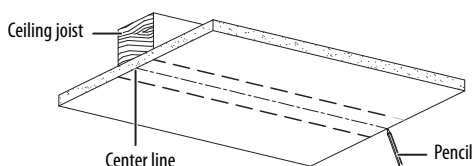


Note: The ceiling must be flat.

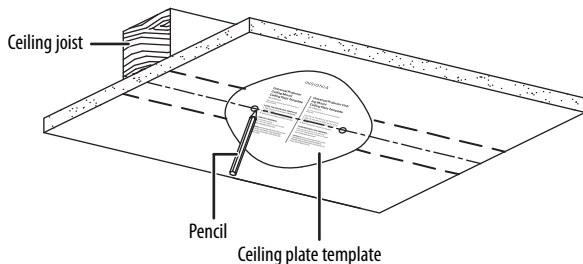
CAUTIONS:

- Extra caution should be used when working from a step stool or ladder.
- Eye protection should be worn when drilling into the drywall ceiling.
- Do not use anchors on wood ceiling joists.
- Use only the correct size drill for the lag bolts.

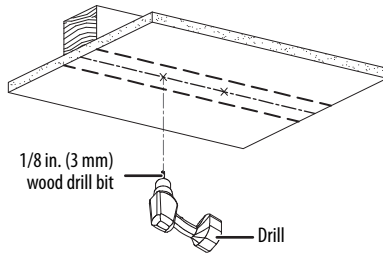
- 1 Using a stud finder, locate the center of the ceiling joist in the area where you want to mount your projector.
- 2 Mark the location of the ceiling joist centerline with a pencil in two places about six inches apart, then draw a line on the ceiling between the marks.



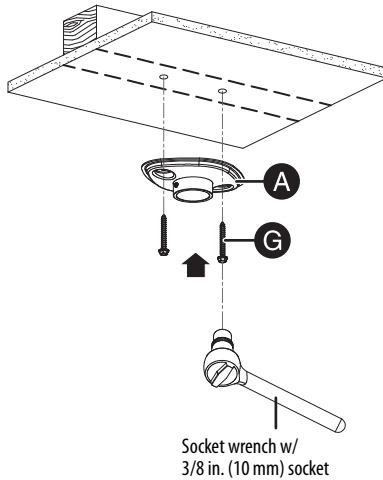
- 3 Using the ceiling plate template and a pencil, mark the locations of where you need to drill the pilot holes for the two M6 x 50 lag bolts (G).



- 4 Using a drill and a 1/8 in. (3 mm) drill bit, drill pilot holes in the ceiling, where you placed the pencil marks, to a depth of 2.5 in. (6.35 cm).

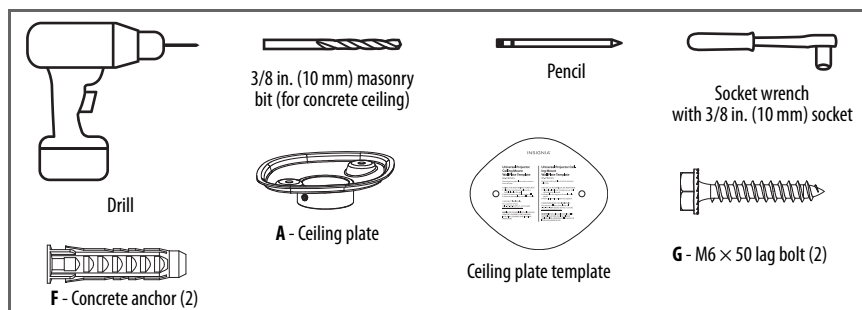


- 5 Using a socket wrench with a 3/8 in. (10 mm) socket, mount the ceiling plate (**A**) to the ceiling using the two M6 x 50 lag bolts (**G**). Do not overtighten the lag bolts.



Step 1: Option 2 - Mounting on a concrete ceiling

You will need

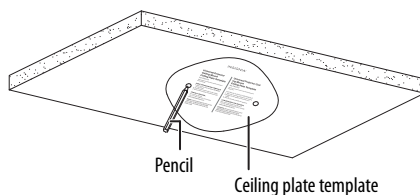


Note: The ceiling must be flat.

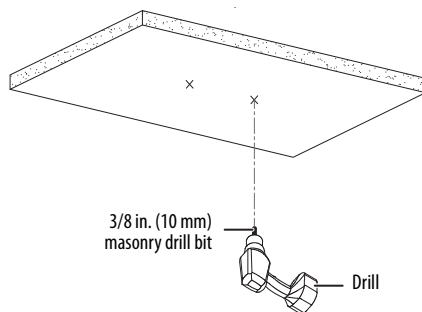
CAUTIONS:

- Eye protection should be worn when drilling into the concrete ceiling.
- Use only the correct size masonry drill bit for the concrete anchors (F).

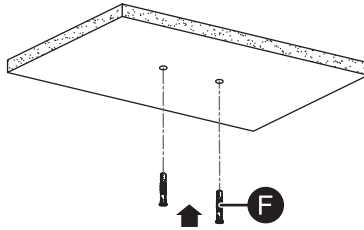
- 1 Using the ceiling plate template and a pencil, mark the locations of where you need to drill the holes for the concrete anchors (F).



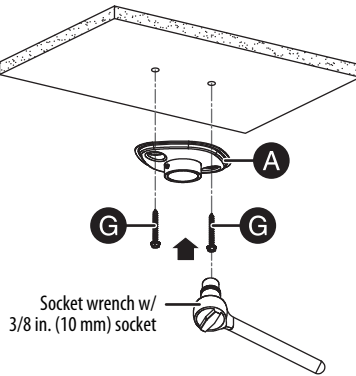
- 2 Using a drill and a 3/8 in. (10 mm) masonry drill bit, drill pilot holes in the ceiling, where you placed the pencil marks, to a depth of 3 in. (7.6 cm).



- 3 Insert a concrete anchor (**F**) into each hole until it is flush with the ceiling. Lightly tap with a hammer, if necessary.

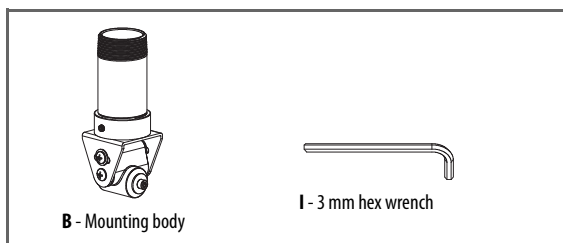


- 4 Using a socket wrench with a 3/8 in. (10 mm) socket bit, mount the ceiling plate (**A**) to the ceiling using the two M6 x 50 lag bolts (**G**). Do not overtighten the screws.



Step 2: Assembling the mounting body with the ceiling plate

You will need

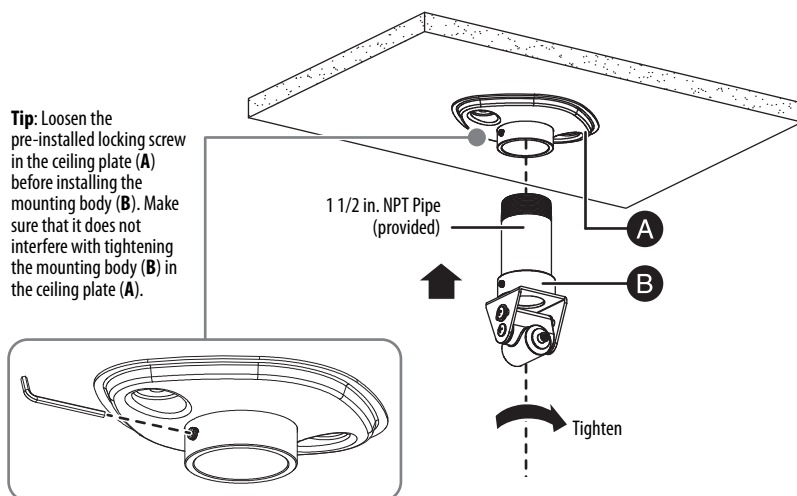


CAUTIONS:

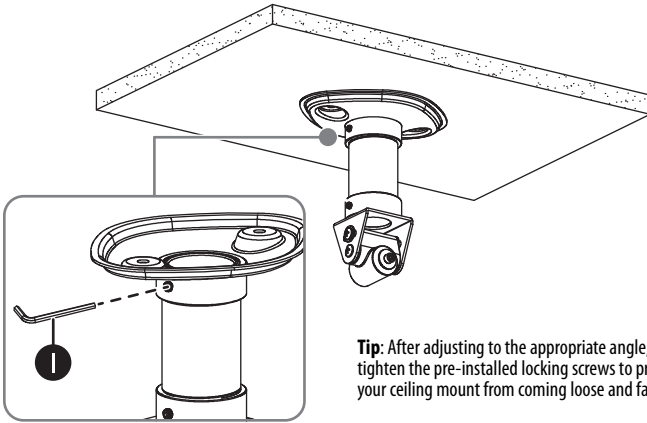
- Make sure that you tighten the mounting body into the ceiling plate sufficiently in order to prevent the equipment from falling and causing possible damage or injury.

- 1 Screw the threaded end of the mounting body (B) into the threaded opening of the ceiling plate (A).

Tip: Loosen the pre-installed locking screw in the ceiling plate (A) before installing the mounting body (B). Make sure that it does not interfere with tightening the mounting body (B) in the ceiling plate (A).



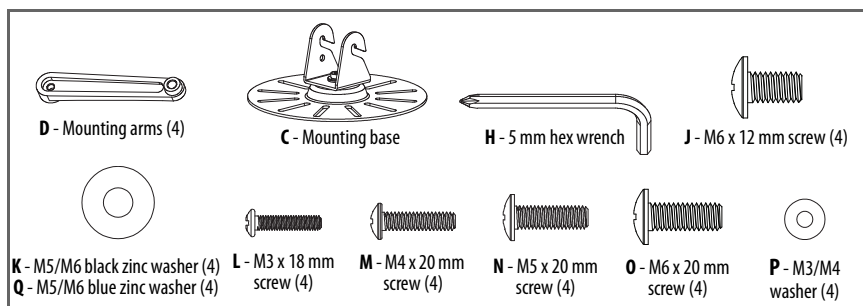
- 2 Adjust the mounting body (**B**) to the direction you want, then tighten the pre-installed locking screws with the 3 mm hex wrench (**I**).



Tip: After adjusting to the appropriate angle, tighten the pre-installed locking screws to prevent your ceiling mount from coming loose and falling.

Step 3: Attaching your projector to the mounting base

You will need

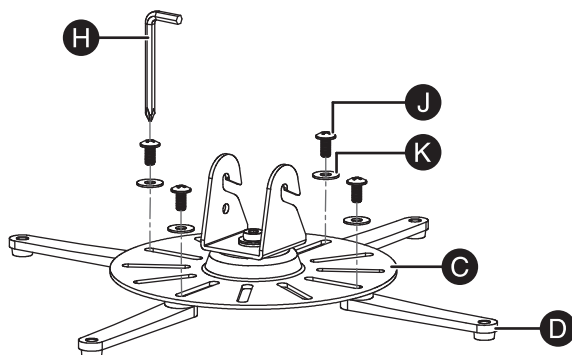


CAUTION: Your projector should be placed on a flat, padded surface to avoid damage.

Note: Depending upon the mounting holes in the top of your projector, you may need to attach the mounting arms (D) to the mounting base (C).

Attaching the mounting arms to the mounting base

- 1 Attach one mounting arm (D) to the mounting base (C) using an M6 x 12 mm screw (J) with an M5/M6 black zinc washer (K). Do not tighten.
- 2 Repeat step one to attach the other three mounting arms (D) to the mounting base (C). Do not tighten the screws until you have attached the projector to the mounting base, then tighten securely.

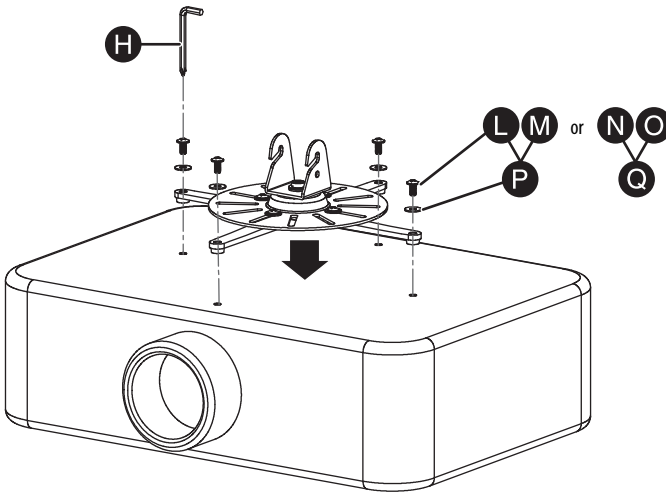


- 3 Attach the mounting base (C) to your projector with four screws (L, M, N, or O) from the hardware provided.

Notes:

- If you use M3 (L) or M4 (M) screws, use M3/M4 washers (P). If you use M5 (N) or M6 (O) screws, use M5/M6 blue zinc washers (Q).
- If you can't find a screw that fits from the hardware provided, contact the manufacturer of your projector for the proper size.

Tip: If your projector's mounting holes are irregular, go to page 17.



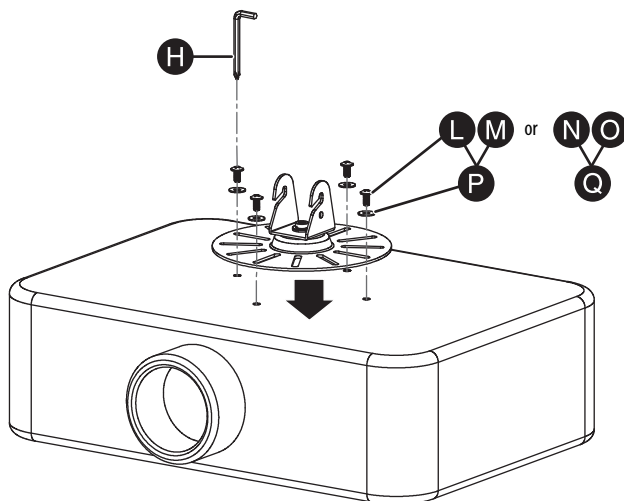
- OR -

Attaching the mounting base without arms

- 1 Attach the mounting base (C) to your projector with four screws (L, M, N, or O) from the hardware provided.

Notes:

- If you use M3 (L) or M4 (M) screws, use M3/M4 washers (P). If you use M5 (N) or M6 (O) screws, use M5/M6 blue zinc washers (Q).
- If you can't find a screw that fits from the hardware provided, contact the manufacturer of your projector for the proper size.



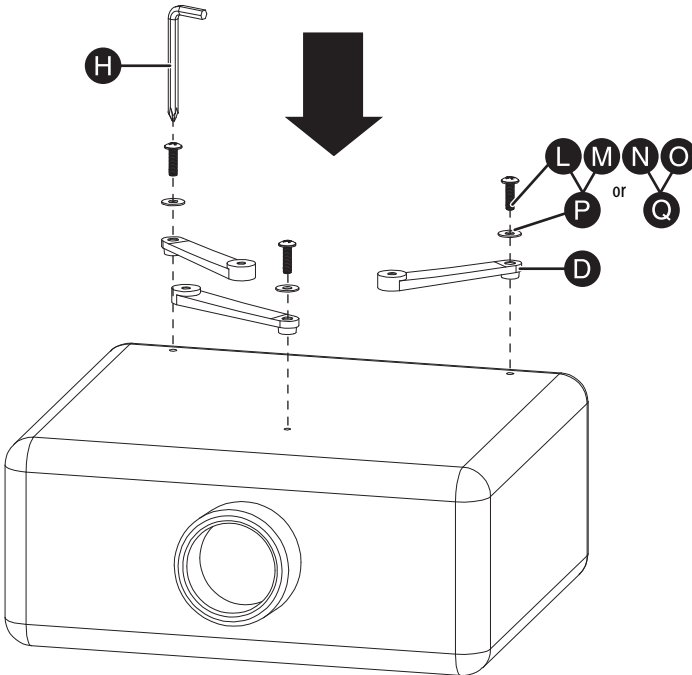
- OR -

Attaching the mounting base to a projector with irregular mounting holes

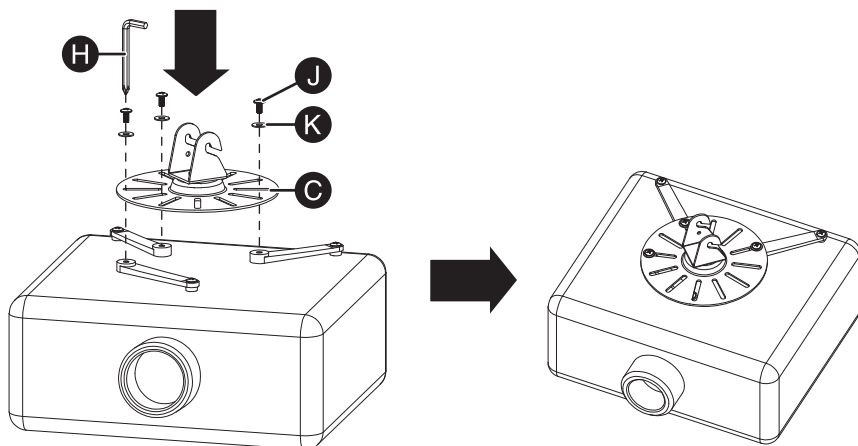
- 1 Attach the mounting arms (**D**) to your projector with three screws (**L**, **M**, **N**, or **O**) from the hardware provided.

Notes:

- If you use M3 (**L**) or M4 (**M**) screws, use M3/M4 washers (**P**). If you use M5 (**N**) or M6 (**O**) screws, use M5/M6 blue zinc washers (**Q**).
- If you can't find a screw that fits from the hardware provided, contact the manufacturer of your projector for the proper size.



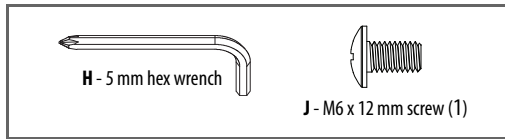
- 2 Attach the mounting base (C) to the attached arms (D) using an M6 x 12 mm screw (J) and an M5/M6 black zinc washer (K). Do not tighten.



- 3 Repeat step one to attach the other mounting arms (D) to the mounting base (C), then tighten all securely.

Step 4: Mounting the projector

You will need

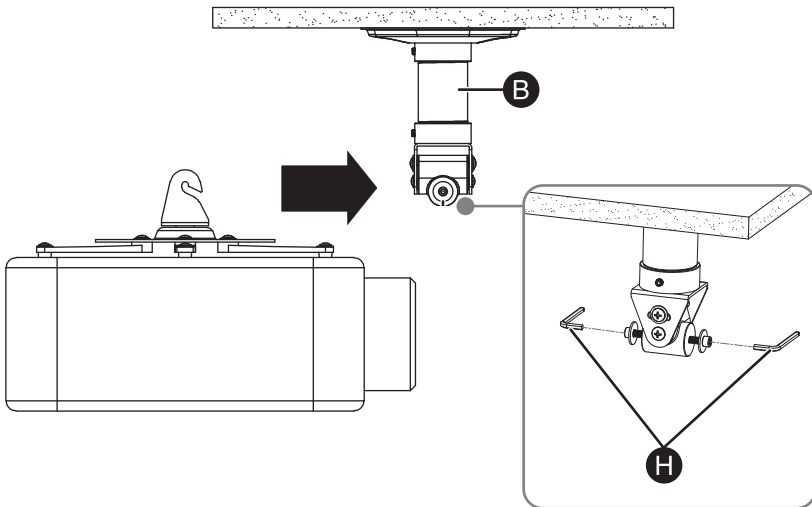


CAUTIONS:

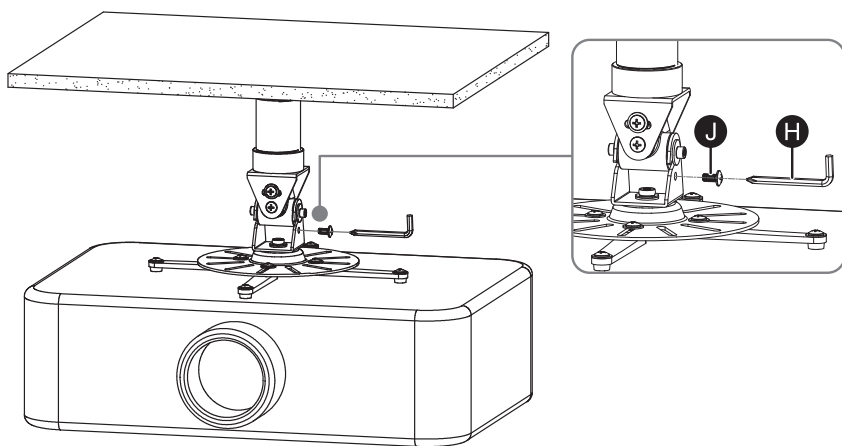
- Before mounting the projector/mounting base assembly, make sure that all screws are tightened in order to prevent the equipment falling and causing possible damage or injury.

Note: Loosen the projector mounting screws on the sides of the mounting body (B) with the 5 mm hex wrench (H) to facilitate installation.

- 1 Hang the projector/mounting base assembly onto the mounting body (B), then tighten both screws with the 5 mm hex wrench (H).

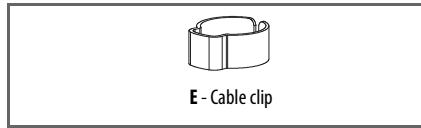


- 2 Install the M6 x 12 mm screw (**J**) with the 5 mm hex wrench (**H**).

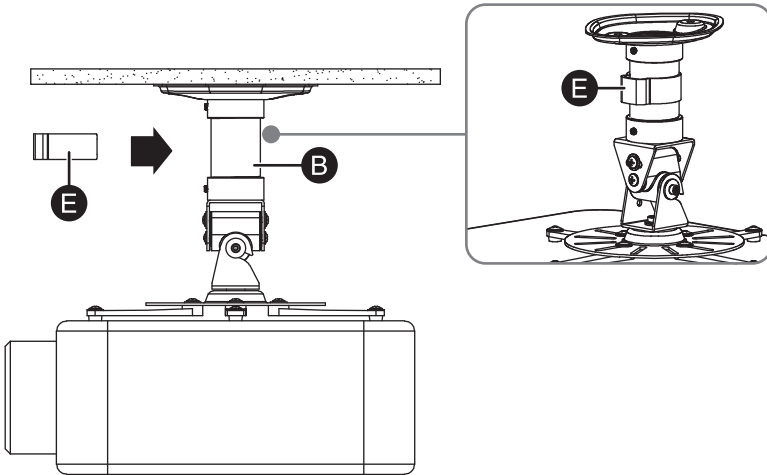


Step 5: Installing the cable clip

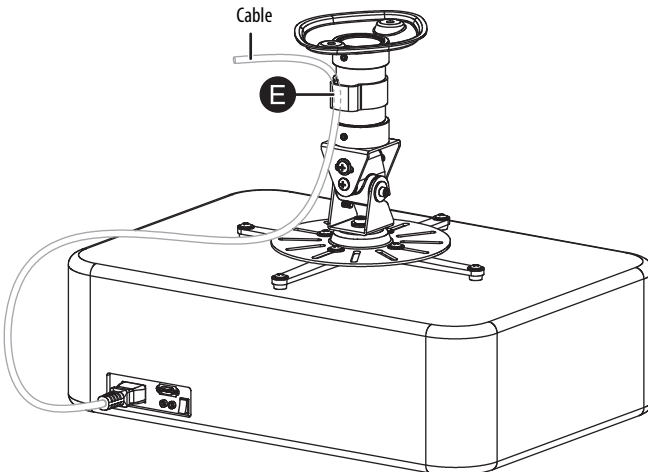
You will need



- 1 Install the cable clip (**E**) onto the pipe portion of the mounting body (**B**) by pushing it onto the pipe.

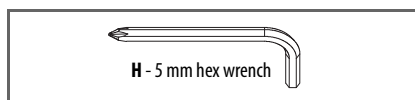


- 2 Route the projector cables (power and signal) into the cable clip (**E**).



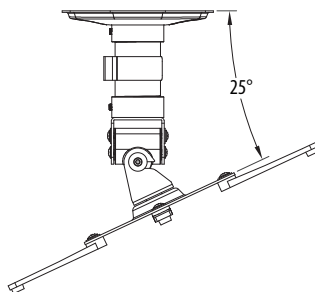
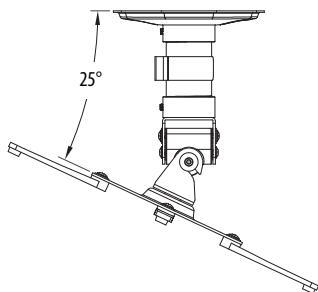
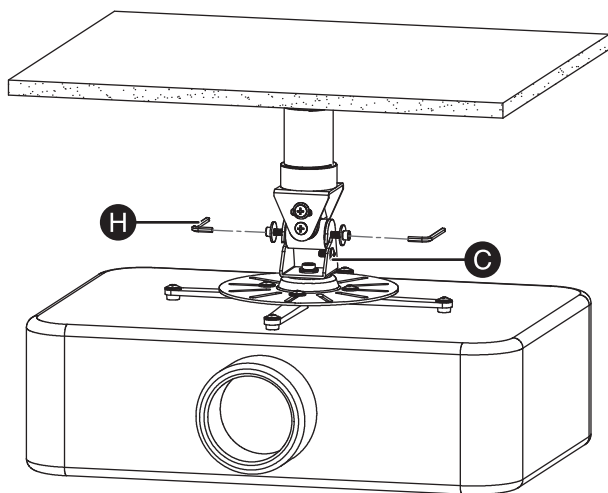
Step 6: Adjusting your projector

You will need



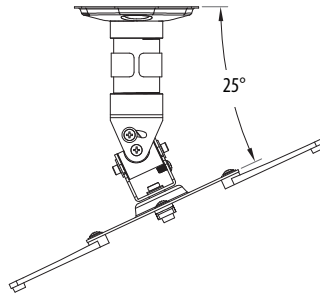
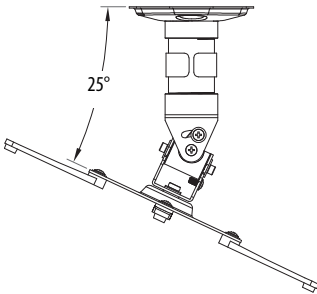
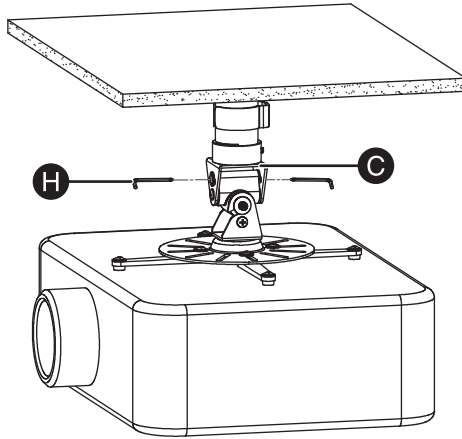
CAUTION: When adjusting, do not completely remove the screws to avoid accidents.

- Swivel (directional) adjustments can be made by turning your projector in the direction you want.
- Tilt (angular) adjustments can be made by loosening the lower screws on both sides of the mounting base (C), then adjusting the projector to the angle you want. Make sure you tighten the screws after the adjustment has been made.



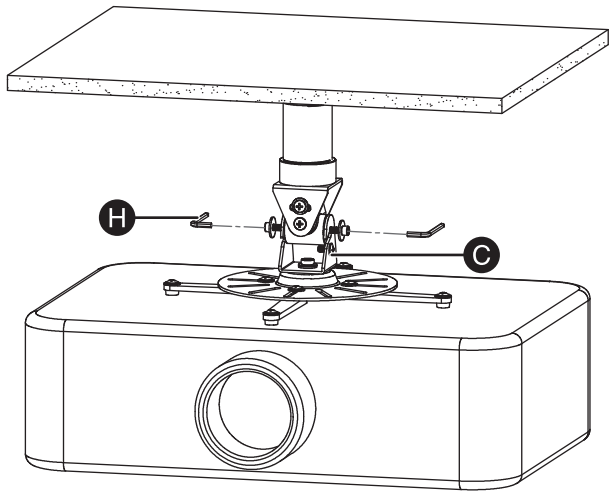
- OR -

- You can also adjust your projector angle laterally (side-to-side) by loosening the upper screws on both sides of the mounting base (**C**), and then adjusting the projector to the angle you want. Make sure you tighten the screws after the adjustment has been made.



Removing your projector from the mount

- 1 Remove all cables, as necessary.
- 2 Loosen the screws on both sides of the mount base (C).



- 3 Remove the mounting base with your projector attached from the hooks on the mount body.
- 4 Set the projector down on a padded surface somewhere safe, then remove the mounting hardware from it.

Maintaining your projector mount

- Periodically clean your mount with a dry cloth.
- Inspect all screws and hardware at regular intervals to ensure that no connections have become loose over time. Re-tighten as needed.

Specifications

Dimensions (HxWxD)	With mount arm: 9.09 × 14.17 × 14.17 in. (23.1 × 36 × 36 cm) Without mount arm: 8.5 × 6.89 × 6.89 in. (21.6 × 17.5 × 17.5 cm)
Weight	With mount arm: 3.59 lbs. (1.63 kg)
Maximum weight capacity	35 lbs. (15.87 kg)
Tilt	+/- 25°
Rotation	360° when installed

ONE-YEAR LIMITED WARRANTY

Definitions:

The Distributor* of Insignia branded products warrants to you, the original purchaser of this new Insignia-branded product ("Product"), that the Product shall be free of defects in the original manufacturer of the material or workmanship for a period of one (1) year from the date of your purchase of the Product ("Warranty Period").

For this warranty to apply, your Product must be purchased in the United States or Canada from a Best Buy branded retail store or online at www.bestbuy.com or www.bestbuy.ca and is packaged with this warranty statement.

How long does the coverage last?

The Warranty Period lasts for 1 year (365 days) from the date you purchased the Product. Your purchase date is printed on the receipt you received with the Product.

What does this warranty cover?

During the Warranty Period, if the original manufacture of the material or workmanship of the Product is determined to be defective by an authorized Insignia repair center or store personnel, Insignia will (at its sole option): (1) repair the Product with new or rebuilt parts; or (2) replace the Product at no charge with new or rebuilt comparable products or parts. Products and parts replaced under this warranty become the property of Insignia and are not returned to you. If service of Products or parts are required after the Warranty Period expires, you must pay all labor and parts charges. This warranty lasts as long as you own your Insignia Product during the Warranty Period. Warranty coverage terminates if you sell or otherwise transfer the Product.

How to obtain warranty service?

If you purchased the Product at a Best Buy retail store location or from a Best Buy online website (www.bestbuy.com or www.bestbuy.ca), please take your original receipt and the Product to any Best Buy store. Make sure that you place the Product in its original packaging or packaging that provides the same amount of protection as the original packaging.

To obtain warranty service, in the United States and Canada call 1-877-467-4289. Call agents may diagnose and correct the issue over the phone.

Where is the warranty valid?

This warranty is valid only in the United States and Canada at Best Buy branded retail stores or websites to the original purchaser of the product in the country where the original purchase was made.

What does the warranty not cover?

This warranty does not cover:

- Food, beverage, and or medicine loss/spoilage.
- Customer instruction/education
- Installation
- Set up adjustments
- Cosmetic damage
- Damage due to weather, lightning, and other acts of God, such as power surges
- Accidental damage
- Misuse
- Abuse
- Negligence
- Commercial purposes/use, including but not limited to use in a place of business or in communal areas of a multiple dwelling condominium or apartment complex, or otherwise used in a place of other than a private home.
- Modification of any part of the Product, including the antenna
- Display panel damaged by static (non-moving) images applied for lengthy periods (burn-in).

- Damage due to incorrect operation or maintenance
- Connection to an incorrect voltage or power supply
- Products sold "as is" or "with all faults"
- Consumables, including but not limited to batteries (i.e. AA, AAA, C etc.)
- Products where the factory applied serial number has been altered or removed
- Loss or Theft of this product or any part of the product
- Display panels containing up to three (3) pixel failures (dots that are dark or incorrectly illuminated) grouped in an area smaller than one tenth (1/10) of the display size or up to five (5) pixel failures throughout the display. (Pixel based displays may contain a limited number of pixels that may not function normally.)
- Failures or Damage caused by any contact including but not limited to liquids, gels or pastes.

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