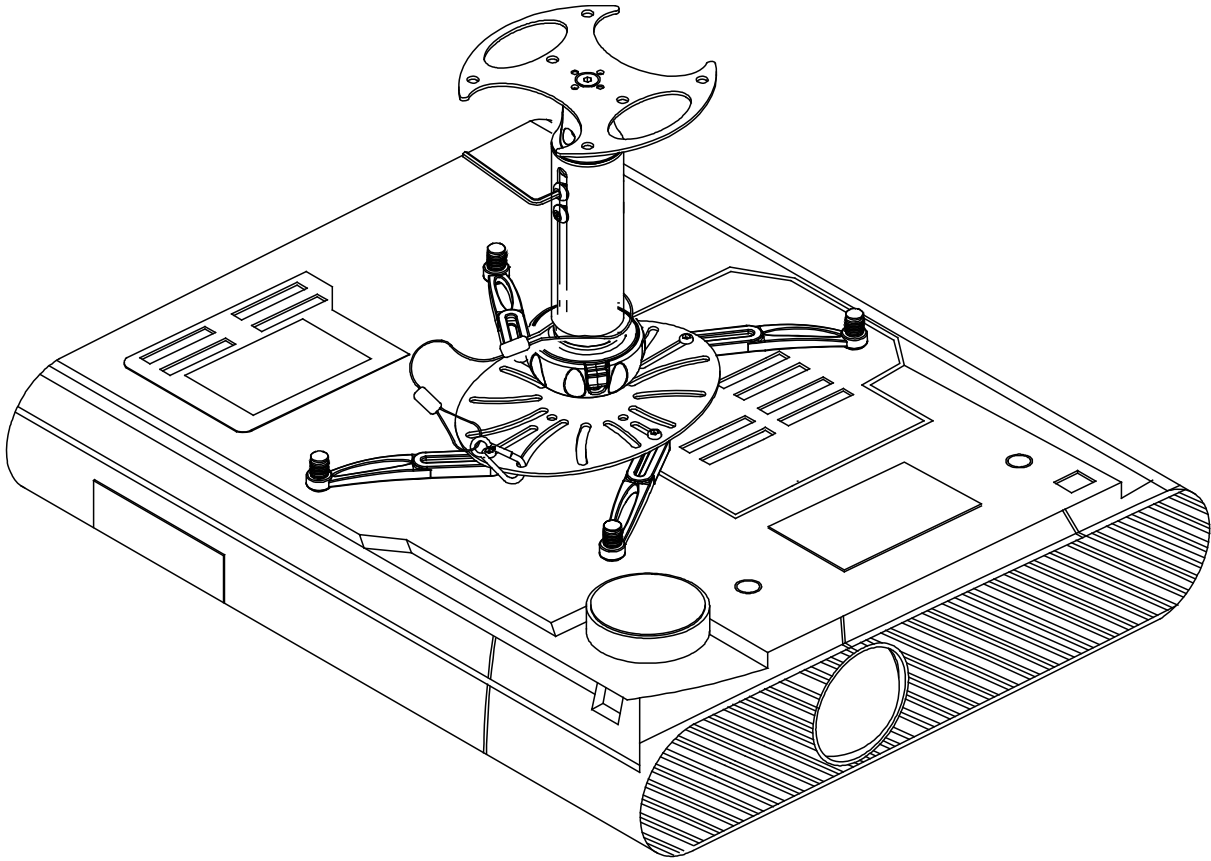

INSTALLATION MANUAL



NP30UCM **Versatile Projector Mount** Model: NP30UCM

EUROPE

Congratulations on the purchase of your new NP30UCM Versatile Projector Mount. The NP30UCM features our exclusive SpiroLock™ Technology, which provides the installer with quicker installation times and peace of mind. To truly appreciate the speed, style and versatility of the NP30UCM, please read this installation manual completely.

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Warranty.....**Error! Bookmark not defined.**

Warning Statements



NEC DOES NOT WARRANT AGAINST DAMAGE CAUSED BY THE USE OF ANY NEC PRODUCT FOR PURPOSES OTHER THAN THOSE FOR WHICH IT WAS DESIGNED OR DAMAGE CAUSED BY UNAUTHORIZED ATTACHMENTS OR MODIFICATIONS, AND IS NOT RESPONSIBLE FOR ANY DAMAGES, CLAIMS, DEMANDS, SUITS, ACTIONS OR CAUSES OF ACTION OF WHATEVER KIND RESULTING FROM, ARISING OUT OF OR IN ANY MANNER RELATING TO ANY SUCH USE, ATTACHMENTS OR MODIFICATIONS.



THE CEILING STRUCTURE MUST BE CAPABLE OF SUPPORTING MORE THAN 30Kg. IF NOT, THE CEILING STRUCTURE MUST BE REINFORCED. PROPER INSTALLATION PROCEDURE BY A QUALIFIED SERVICE TECHNICIAN, AS OUTLINED IN THE INSTALLATION INSTRUCTIONS, MUST BE ADHERED TO. FAILURE TO DO SO COULD RESULT IN SERIOUS PERSONAL INJURY, OR EVEN DEATH.



SAFETY MEASURES MUST BE PRACTICED AT ALL TIMES DURING THE INSTALLATION OF THIS PRODUCT. USE PROPER SAFETY GEAR AND TOOLS FOR THE INSTALLATION PROCEDURE TO PREVENT PERSONAL INJURY.



THE MAXIMUM WEIGHT PROJECTOR THAT CAN BE USED WITH THIS MOUNT IS 30Kg. EXCEEDING THIS WEIGHT LIMIT COULD CAUSE DAMAGE TO THE MOUNT, TO THE PROJECTOR OR TO YOURSELF.



PRIOR TO THE INSTALLATION OF THIS PRODUCT, THE INSTALLATION INSTRUCTIONS SHOULD BE READ AND COMPLETELY UNDERSTOOD. THE INSTALLATION INSTRUCTIONS MUST BE READ TO PREVENT PERSONAL INJURY AND PROPERTY DAMAGE. KEEP THESE INSTALLATION INSTRUCTIONS IN AN EASILY ACCESSIBLE LOCATION FOR FUTURE REFERENCE.



Indicates that the power plug is to be disconnected from the power outlet.



Contact Premier Mounts with any questions – Customer Service – +44 (0) 2476 614700



Safety precautions must be taken at all times.



Warning and Caution statements.



Do not install on a structure that is prone to vibration, movement or chance of impact. Failure to do so could result in damage to the projector and/or damage to the mounting surface.



Do not install near heater, fireplace, direct sunlight, air conditioning or any other source of direct heat energy. Failure to do so may result in damage to the projector and could increase the risk of fire.



A qualified person should perform the installation procedure. Injury and/or damage can result from dropping or mishandling the projector

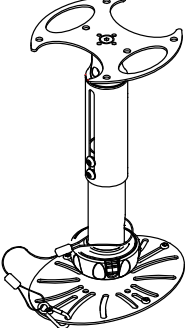
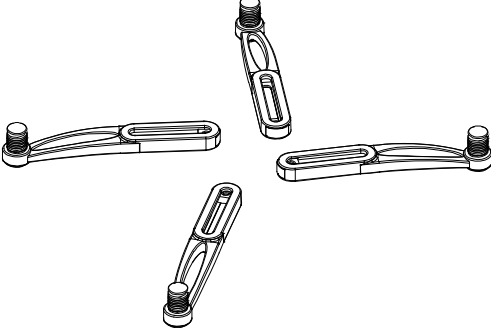
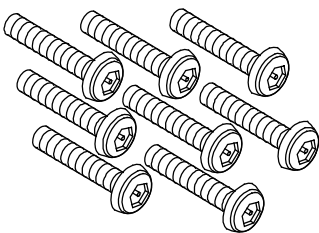
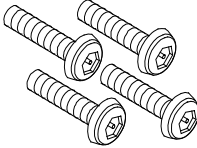
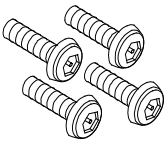
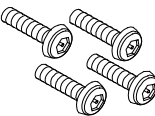
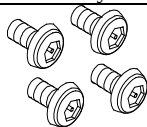
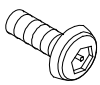
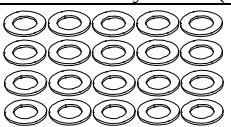
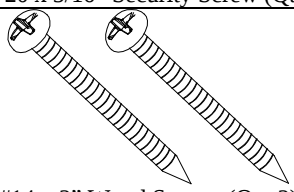
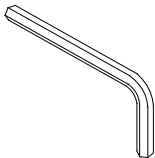
Parts List

Unpack the NP30UCM Mount and familiarize yourself with the components. Before proceeding, the collar assembly must be separated (please refer to Disconnecting the Collar Assembly, page 10). Please take time before you install the NP30UCM to determine the location of where the NP30UCM will be mounted. Please familiarize yourself with all components contained herein.

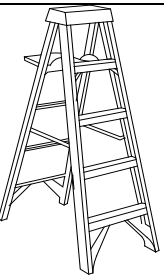
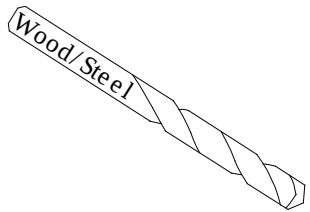
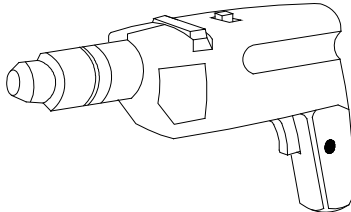
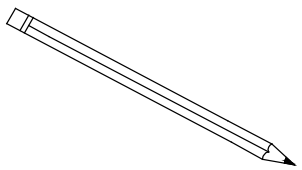
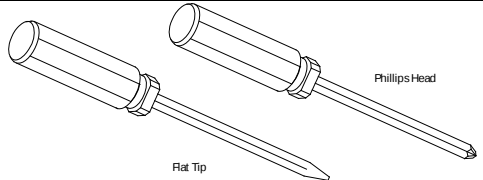
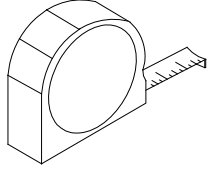
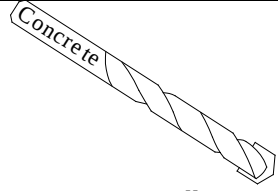


WARNING

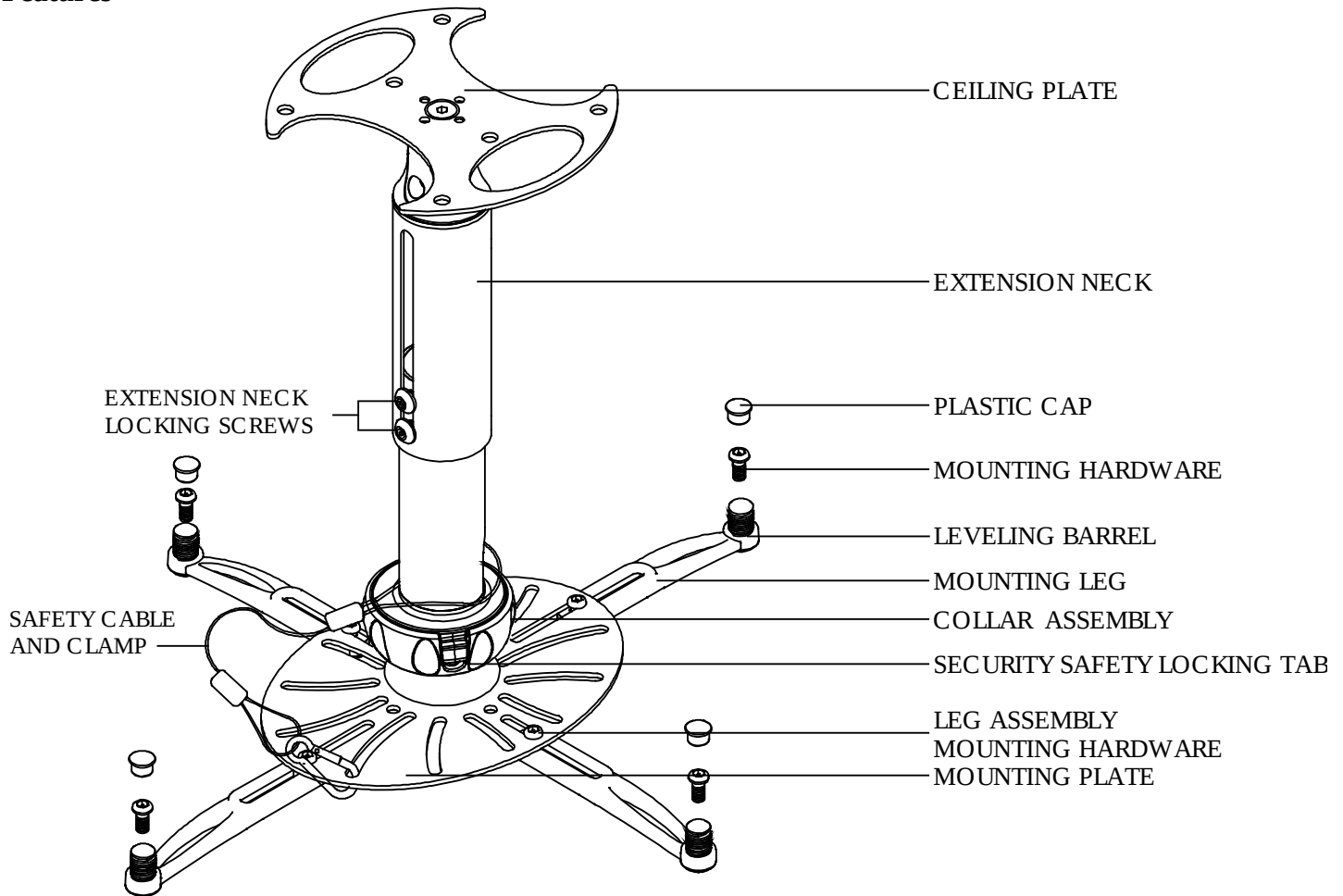
Please review all WARNING and CAUTION statements (see Page 2) before beginning the installation of the NP30UCM.

		
NP30UCM Mount (Qty 1)	Mounting Legs (Qty 4)	M6 x 12mm Security Screw (Qty 8)
		
M5 x 12mm Security Screw (Qty 2)	M4 x 12mm Security Screw (Qty 4)	M3 x 16mm Security Screw (Qty 4)
		
M2.5 X 8mm Security Screw (Qty 4)	1/4 - 20 x 5/16" Security Screw (Qty 1)	M3 Flat Washers (Qty 20)
		
Plastic Barrel Caps (Qty 4)	#14 x 2" Wood Screws (Qty 2)	M5 Security Allen Wrench –Supplied (Qty 1)

Installation Tools

			
Ladder	Wood Drill Bit	Drill	Pencil
			
Screwdrivers	Tape Measure	Concrete Drill Bit	

Features



Selecting the Proper Mounting Hardware

1. Turn the projector over and locate the mounting points.
2. Test each size of the screws provided.
3. The correct screws should thread easily into the mounting point and not pull out when pressure is applied.



NOTE

The optional M3 flat washers may be used to decrease the screw depth of either the M2.5 x 8mm screws or the M3 x 16mm screws.



WARNING

DO NOT OVERTIGHTEN YOUR MOUNTING SCREWS TO THE PROJECTOR CHASSIS. USING THE INCORRECT SCREW DEPTH MAY CAUSE DAMAGE TO YOUR PROJECTOR.

Safety Locking Tab Operation

The NP30UCM comes equipped with a locking safety tab. When the collar assembly and the mounting plate of the NP30UCM are engaged, the safety locking tab will prevent the collar from disengaging.



Step 1. Unhook the cable safety clamp from the mounting plate.

Step 2. Lift the locking tab.



Step 3. Rotate the collar assembly.



Step 4. Separate the mounting plate from the collar assembly.



WARNING

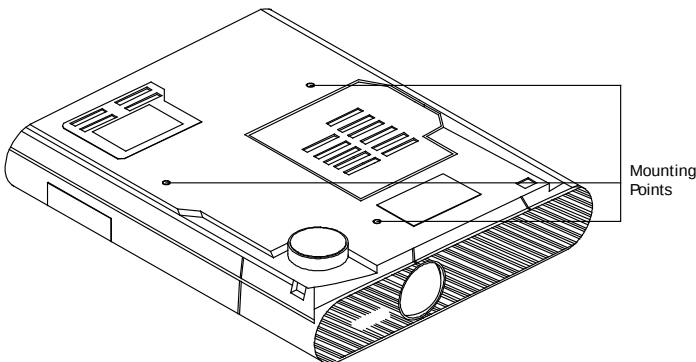
Please remember to support the projector whenever separating the projector plate from the upper assembly. Two people are required to perform this step.

Attaching the Mount

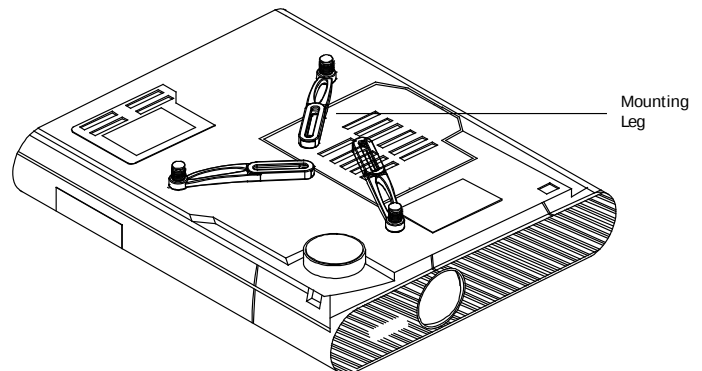


WARNING

Only attach to the projector manufacturer's specified mounting points on the projector chassis with a minimum of three mounting legs. Please follow all safety instructions specified by the projector manufacturer as well as the safety instructions outlined in this manual.



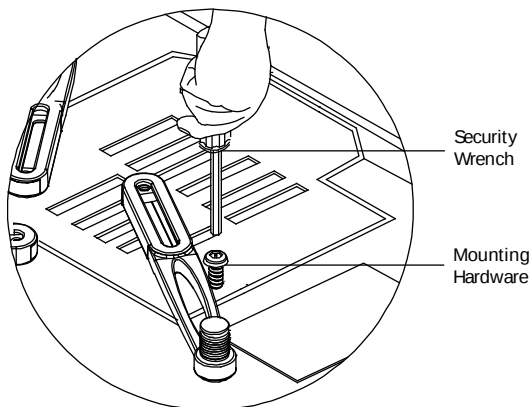
Step 1. Locate the mounting points on the bottom of the projector.



Step 2. Attach the appropriate number of mounting legs to the projector using the corresponding mounting hardware (see Page 4, Selecting the Proper Mounting Hardware).

Step 3. Rotate the leveling barrels by hand to adjust the height of the mounting bracket.

Step 4. To raise the mounting legs, rotate the leveling barrel clockwise. To lower the mounting leg, rotate the leveling barrel counterclockwise.

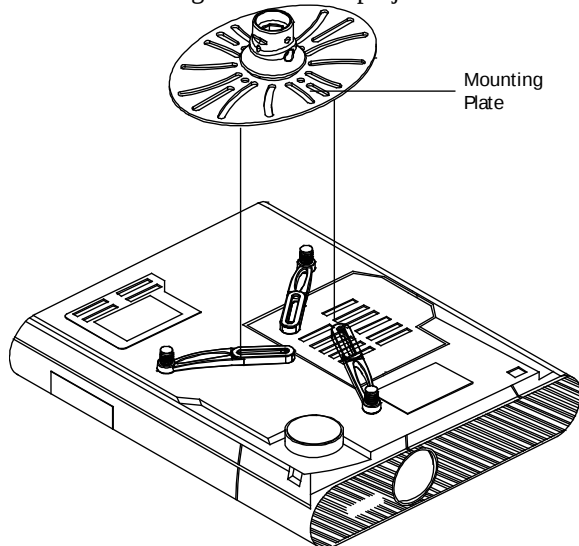


NOTE

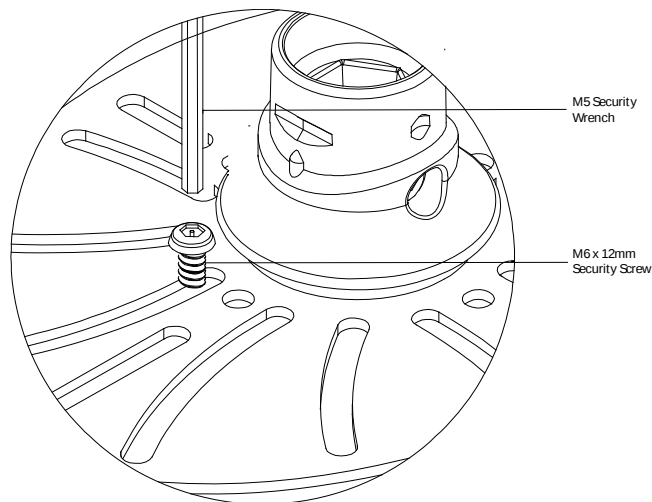
If using M2.5 or M3 screws, the optional M3 flat washers (max 5 per barrel) may be used to decrease the screw depth, if needed. **DO NOT OVERTIGHTEN.**

Step 5. Insert the appropriate mounting hardware (see Selecting the Proper Mounting Hardware, page 4).

Step 6. When the desired position is achieved, tighten the mounting screws to the projector.



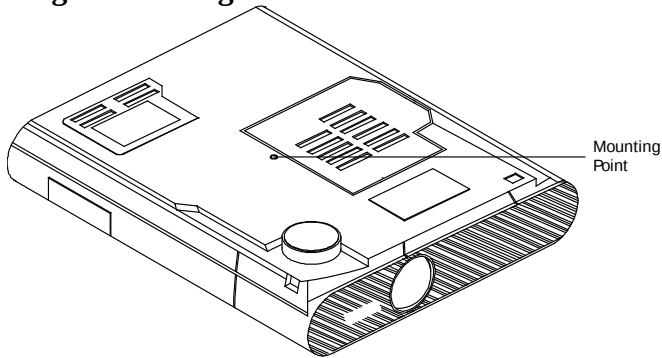
Step 7. Place the mounting plate over the mounting legs.



Step 8. Secure the legs to the projector plate with the security wrench (supplied) by screwing M6 x 12mm security screws into the M6 square nut (do not overtighten) on the mounting legs.

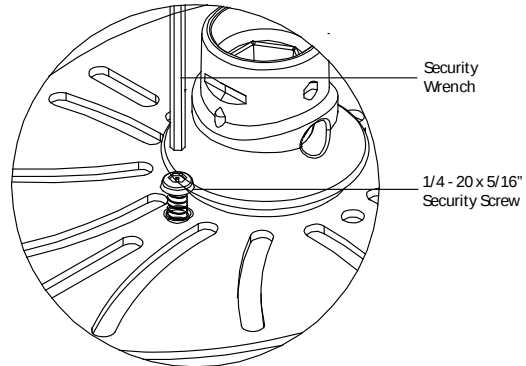
Step 9. Tighten all security screws at this time.

Single Mounting Point Installation



If your projector has only one mounting point, a 1/4-20 x 5/16" screw must be used to attach the mount to the projector. Please refer to the following three steps:

Step 1. Determine where the mounting point is located.



Step 2. Place the projector plate over the mounting point.

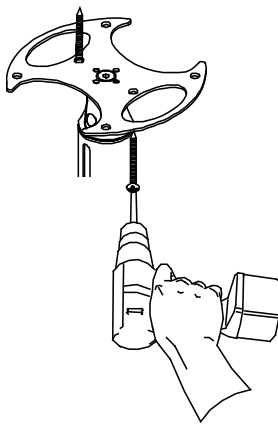
Step 3. Insert the 1/4-20 x 5/16" security screw.



NOTE

This screw will use a standard hole when mounting.

Ceiling Installation

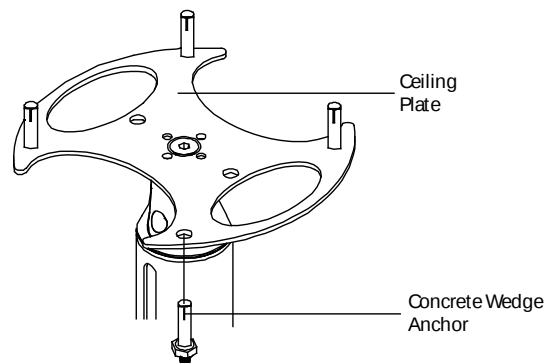


NOTE

Use a 1/8" drill bit to drill into the center of the stud before securing the supplied wood screws.

Step 1. Use two (2) #14 x 2" wood screws (supplied) to attach the ceiling plate to a wooden ceiling stud.

Solid Surface Installation

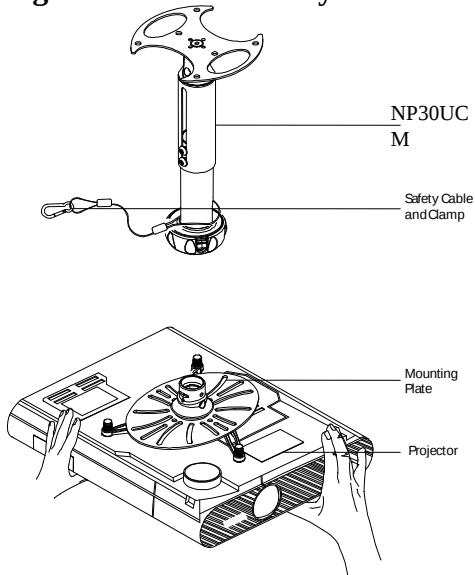


CAUTION

The NOVA-EXT must be mounted to a ceiling with a minimum 6" thickness. Use concrete wedge anchors for concrete installation. A masonry bit must be used to drill the pilot hole.

- Step 1.** Begin by placing the ceiling plate into position against the ceiling, keeping it level.
- Step 2.** Mark off four holes to be used for securing the mount and place the ceiling plate aside.
- Step 3.** Next, drill holes using the appropriate masonry bit for your anchor.
- Step 4.** Insert a concrete anchor into each hole.
- Step 5.** If necessary, a hammer can be used to lightly tap each anchor into place so that they are flush with the ceiling.
- Step 6.** Once all of the anchors are in place, move the ceiling plate back into position.
- Step 7.** Attach the nut onto the threaded shaft that is protruding from the ceiling.
- Step 8.** Do not tighten until all nuts are in place.

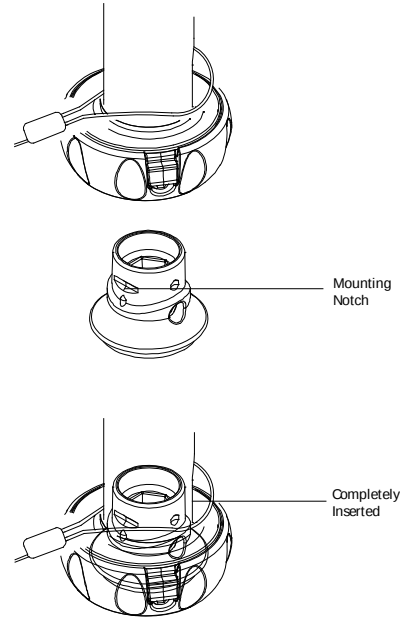
Connecting the Collar Assembly



- Step 1.** Slowly raise the projector toward the upper assembly.
Step 2. Align the lower mounting plate with the upper collar assembly.



The mounting notch on the lower mounting plate should line up with the mounting notch in the inner collar assembly.



- Step 3.** Once the lower mounting plate engages the upper collar assembly, the collar will twist and an audible “click” will signify that the unit is properly attached.

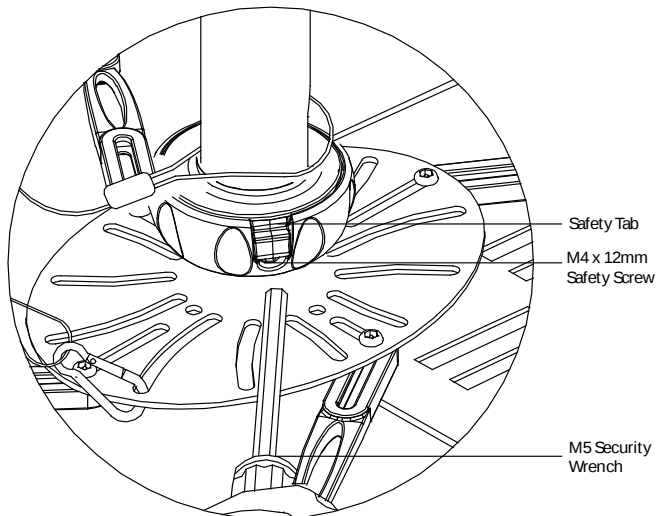


CAUTION

Make sure that the unit is securely attached before releasing.

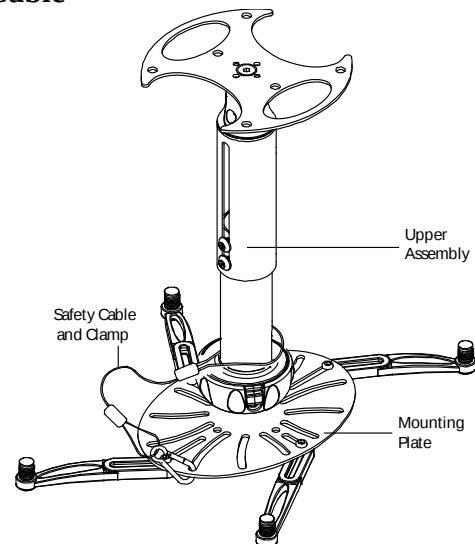
- Step 4.** Attach the safety cable clamp after the collar assembly and mounting plate have been combined.

Safety Screw Installation



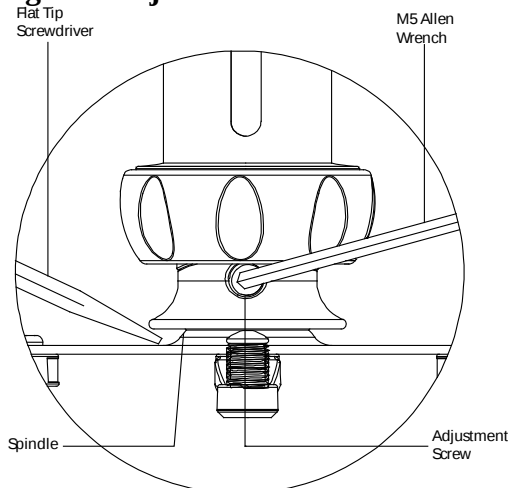
- Step 1.** The M4 x 12mm safety screw (located directly beneath the safety tab) must be tightened securely before installation is complete. If the M4 x 12mm safety screw is not properly secured, there will be an increased risk of attachment failure, which could result in damage to the projector or injury.

Safety Cable



The NP30UCM comes equipped with a pre-installed safety cable. The safety cable is securely fastened to the upper assembly of the NP30UCM. When the installation is complete, attach the safety cable to the projector plate.

Adjusting the Projector



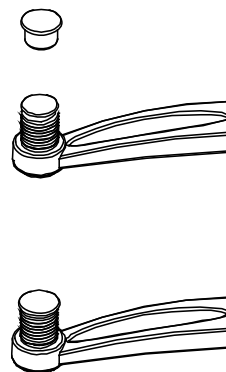
- Step 1.** Firmly grasp the projector in both hands, and slowly tilt either forward or backward, side-to-side to adjust and level.
- Step 2.** Tighten the M5 adjustment screws (located on each side of the spindle) using the M5 Allen wrench to keep the image aligned on the screen.



NOTE

In the event that precision adjustments are needed, a flat tip screwdriver may be used to make small, even adjustments. In order to make these adjustments, completely tighten the M5 adjustment screws at this time. Place the tip of the screwdriver between the projector plate and the lip of the spindle and adjust using the screwdriver. Once the adjustments have been made, re-tighten the adjustment screws on each side using the supplied M5 Allen wrench.

Plastic Cap Installation



NOTE

Secure all mounting hardware before installing the plastic cap.

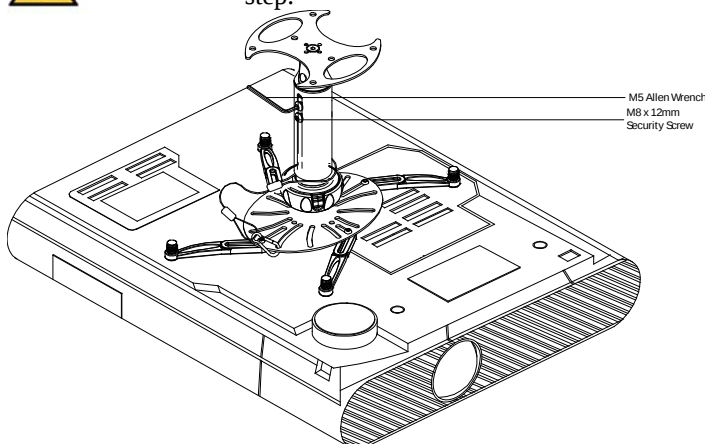
- Step 1.** Place a plastic cap over each leveling barrel and firmly push the plastic cap into place.

Height Adjustment

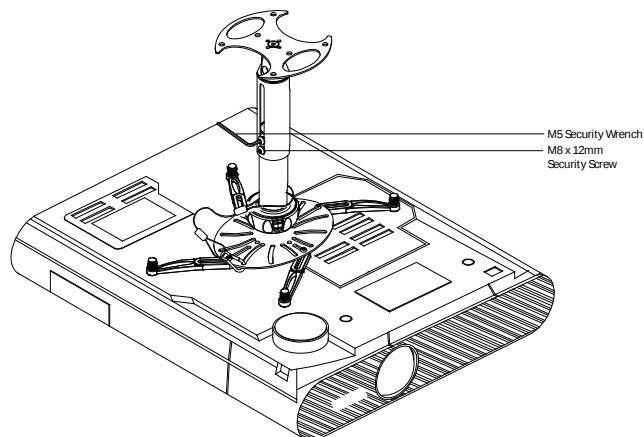


CAUTION

Be sure to support the weight of the projector before adjusting the height. This is a recommended two-person step.



Step 1. Loosen the two (2) M8 x 12mm security screws on the extension neck with the supplied M5 Allen wrench.



Step 2. Slide the adjustable suspension neck into the desired position.

Step 3. Re-tighten the two (2) M8 x 12mm security screws. Do not release the projector until the M8 screws are completely tight. This is a recommended two-person step.



CAUTION

Disconnecting the Collar Assembly



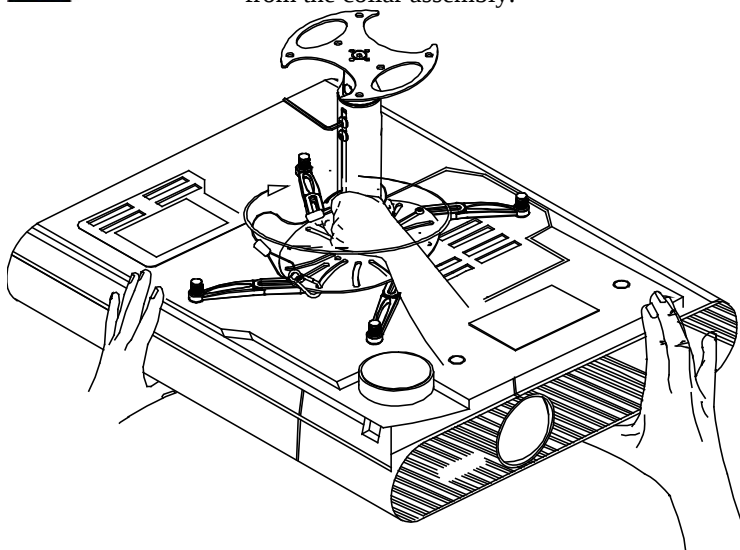
WARNING

THE FOLLOWING STEPS MUST BE PERFORMED BY TWO PEOPLE.



NOTE

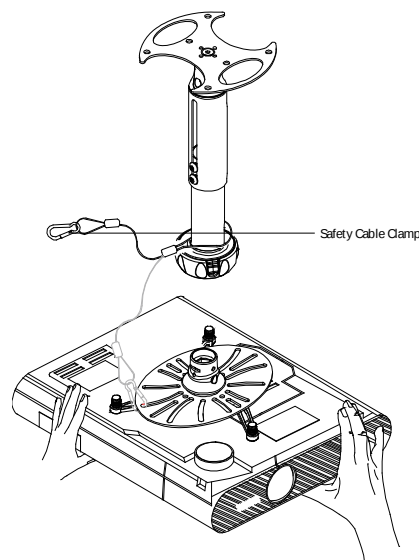
Please refer to Page 5 for instructions (Safety Locking Tab Operation) on how to disengage the mounting plate from the collar assembly.



CAUTION

Use two hands to support projector while it is being disconnected.

Step 1. While an assistant holds the projector with two hands, grasp the collar assembly and turn the collar clockwise. This will separate the two units.



Step 2. Once the collar assembly is separated, unclip the safety cable clamp.

Step 3. Place the projector on a soft flat surface.

Technical Specifications

All measurements are inches (mm).

