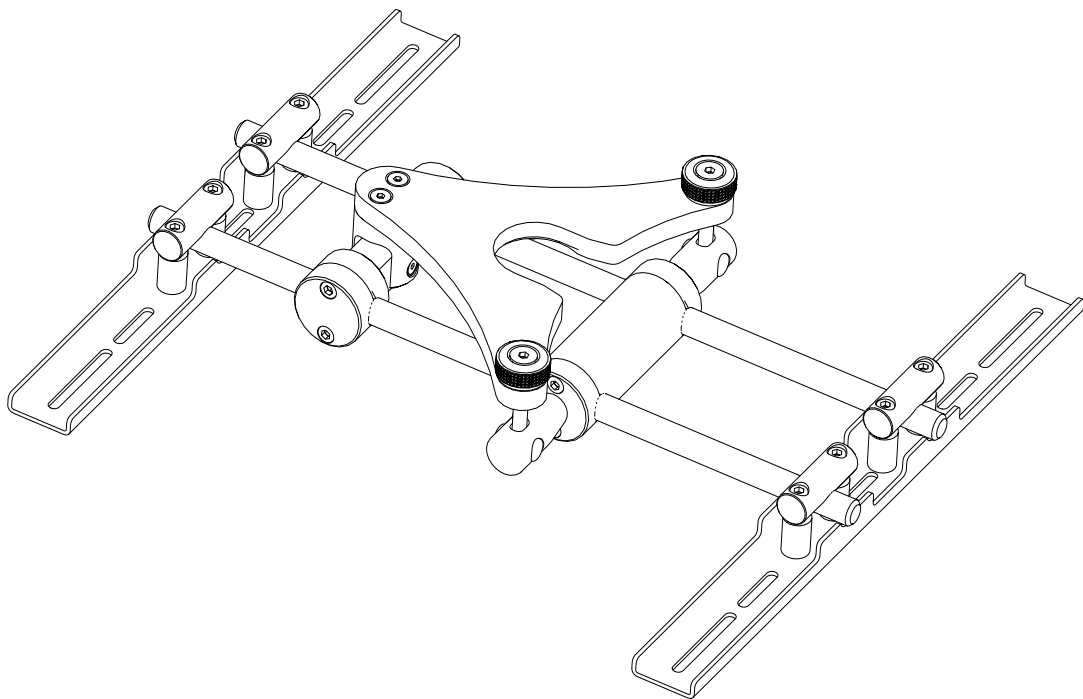




future automation

PM-XL

PROJECTOR MOUNTING SYSTEM



INSTALLATION INSTRUCTIONS

ISSUE 001

SAFETY DISCLAIMER

IMPORTANT SAFETY INSTRUCTIONS BELOW

WARNING: Failure to provide adequate structural strengthening, prior to installation can result in serious personal injury or damage to the equipment. It is the installer's responsibility to ensure the structure to which the component is affixed can support four times the weight of the component and any additional apparatus mounted to the component.

WARNING: Do not exceed the weight capacity for this product as listed below. This can result in serious personal injury or damage to the equipment. It is the installer's responsibility to ensure that the total combined weight of all attached components does not exceed that of the maximum figure stated.

WARNING: Risk of death or serious injury may occur when children climb on audio and/or video equipment or furniture. A remote control or toys placed on the furnishing may encourage a child to climb on the furnishing and as a result the furnishing may tip over on to the child.

WARNING: Risk of death or serious injury may occur. Relocating audio and/or video equipment to furniture not specifically designed to support audio and/or video equipment may result in death or serious injury due to the furnishing collapsing or over turning onto a child or adult.



WARNING – RISK OF INJURY!



Only for use with equipment weighing **77LBS (35KG) OR LESS.**

Use with heavier projectors/equipment may lead to instability causing tip over or failure resulting in death or serious injury.

Bracket Suitable for Residential and Commercial Use.

ADDITIONAL WARNINGS:

1. Keep all documentation/instructions after fitting.
2. Read all technical instructions fully before installation and use. It is the installer's responsibility to ensure that all documentation is passed on to the end user and read fully before operation.
3. Do not use near water or outdoors unless the product has been specifically designed to do so.
4. Protect any cables or cords being used near this bracket from being walked on or pinched to prevent damage and risk of injury.
5. Use this product only for its intended purpose as described in the product instructions and only use attachments/ accessories specified by the manufacturer.
6. Do not operate the product if it is damaged in any way, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped. Contact the original installer/manufacturer to arrange repair or return.

WARNING - To reduce the risk of burns, fire, electric shock, or injury to persons:

1. Clean only with a dry cloth and always unplug any electrical items being used in conjunction with this product before cleaning.

Future Sound & Vision trading as Future Automation intend to make this and all documentation as accurate as possible. However, Future Automation makes no claim that the information contained herein covers all details, conditions or variations, nor does it provide for every possible contingency in connection with the installation or use of this product. The information contained in this document is subject to change without prior notice or obligation of any kind. Future Automation makes no representation of warranty, expressed or implied, regarding the information contained herein. Future Automation assumes no responsibility for accuracy, completeness or sufficiency of the information contained in this document.

MECHANISM WARRANTY & RISK INFORMATION

WARRANTY INFORMATION

WARNING – The warranty may not cover faults or damage resulting from improper use, installation or maintenance, or use contrary to the product instructions and applicable warranty terms.

Under the warranty, Future Automation will aim to resolve the issue remotely via telephone or email support. Where replacement parts or further assistance are required, Future Automation may arrange a visit by a Future Automation approved engineer or provide replacement items, where appropriate.

Under the warranty, Future Automation aims to either solve the issue remotely (via telephone or email support) or if the mechanism requires a part, arrange a visit to your premises by a Future Automation approved engineer or send replacement items where appropriate.

Warranty repairs will be carried out as quickly as possible, subject to parts availability. This warranty period will be extended accordingly for the duration of a repair.

A malfunctioning product must be cleaned and placed into suitable packaging to protect against transit damage before organising delivery to a repair workshop.

All complaints about defects must be submitted to the vendor/installer that sold this product, rather than directly to the manufacturer.

Any part of your system that needs to be replaced during a warranty repair becomes the property of Future Automation.

The warranty does not cover the following:

- Damage resulting from improper product use or maintenance.
- Repairs carried out by unauthorised persons.
- Natural wear and tear during operation.
- Damage caused by the buyer.
- Accidental damage resulting from careless or improper use, or damage caused by natural disasters or other natural phenomena.
- Any electrical supply or other external factors affecting the Future Automation mechanism, including power cuts, power surges, etc.
- Additional items not supplied by Future Automation although they may have been supplied together by the retailer.
- Any 3rd party software products controlling your mechanism.
- Any transfer of ownership. Warranty is provided only to the initial purchaser.
- Compensation for loss of use of the product, and consequential loss of any kind.

This document **MUST** be completed by the approved Future Automation dealer installing the product. The Warranty Sheet must be retained by the end user for the duration of the product's life and may be referred to during servicing or warranty enquiries

One copy of the Risk Assessment and Service History Form must be held by the customer (along with the Warranty Sheet) and a duplicate copy must be held by the approved Future Automation dealer that performed the service. Missing and/or mismatching documents may delay or invalidate warranty claims.

Additional Service History Forms and Risk Assessments can be found on the Future Automation website for further yearly services.

RISK ASSESSMENT INFORMATION

A Risk Assessment Template has been provided to assist installers in evaluating all hazards associated with the installation and operation. In addition, a Consideration Sheet outlines further safety requirements and specific points that should be taken into account during installation and operation. It is the responsibility of the installer to carry out a site-specific risk assessment for every installation. Due to the unique characteristics of each project and environment, Future Automation cannot provide a comprehensive assessment covering all possible hazards.

The installer must identify, evaluate, and mitigate all risks associated with the installation, operation, servicing, and maintenance of the mechanism in accordance with applicable legislation, industry standards, and best practice. Risk assessments should be reviewed periodically and updated whenever installation conditions, user requirements, or operating procedures change. Annual reviews are recommended and should coincide with routine servicing of the mechanism.

Failure to complete and retain appropriate risk assessment documentation may invalidate warranty coverage and could compromise the safe operation of the mechanism.

For full safety, servicing, and risk assessment guidance, visit:

www.futureautomation.net/safety

GUIDE

CONTENTS

SAFETY DISCLAIMER	1
PRODUCT WARRANTY & RISK ASSESSMENT	2
GUIDE CONTENTS	3
PACKAGE CONTENTS	4
SURFACE MOUNT	5
POLE MOUNT	6
TELESCOPE MOUNT	7
WALL MOUNT	8
CROSS BRACKET MOUNTING	9
PROJECTOR MOUNTING	10
PROJECTION ADJUSTMENT	11

PACKAGE CONTENTS

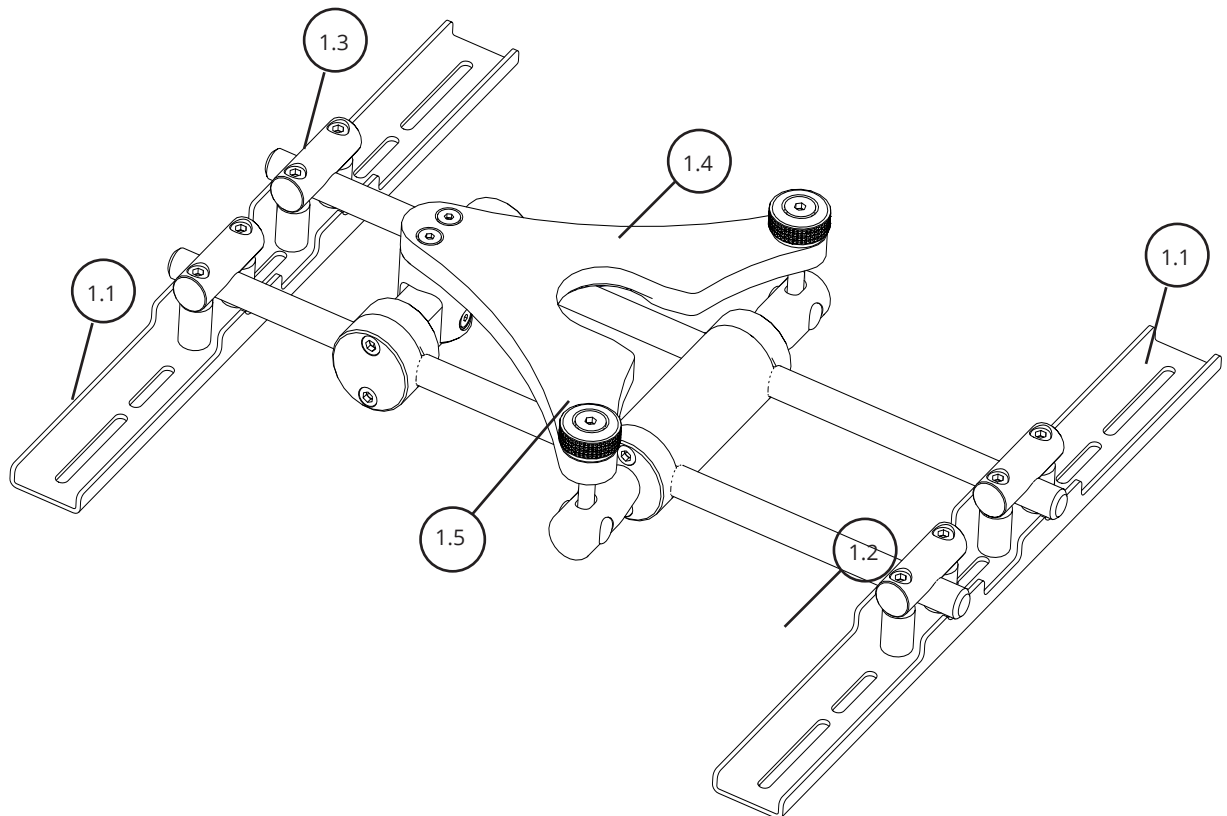
1 - PM-XL BRACKET

- 1.1 - CROSS BRACKETS
- 1.2 - CROSS BAR
- 1.3 - CLAMP (X4)
- 1.4 - CEILING MOUNT
- 1.5 - MAIN BODY

ITEMS NOT SHOWN ON PAGE

PM-XL ACCESSORY PACK:

- MULTI-PACK OF NUTS, BOLTS AND WASHERS

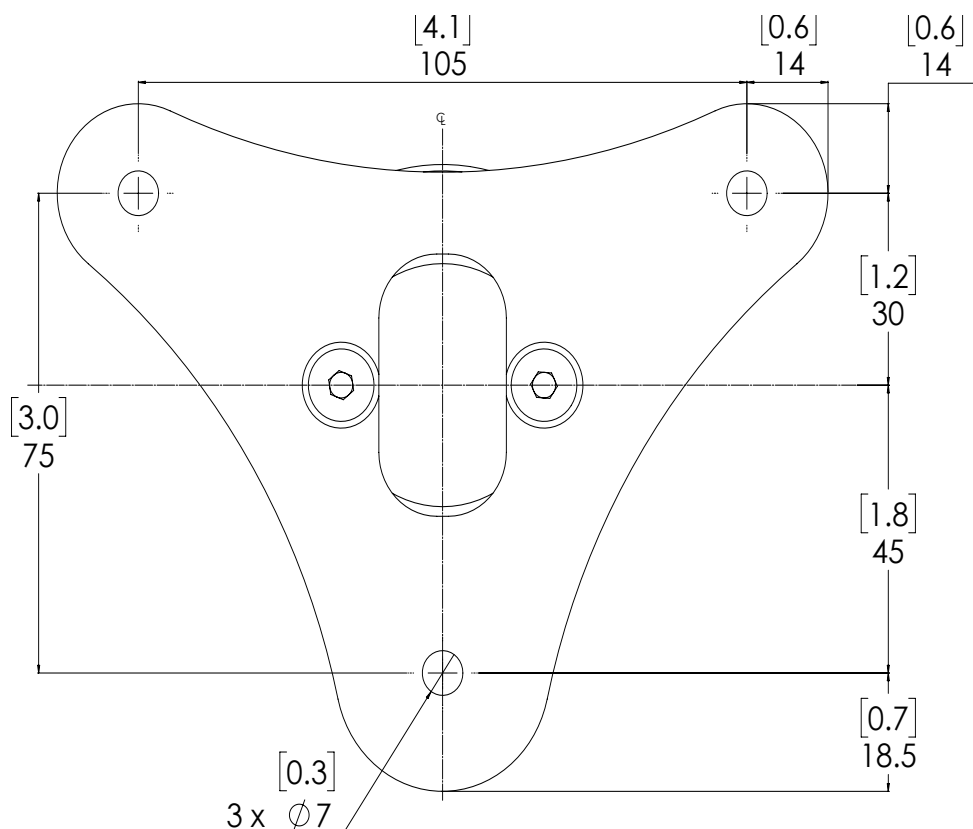
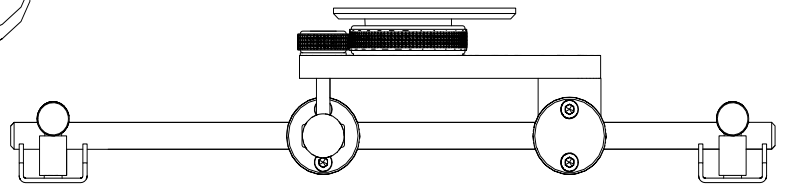
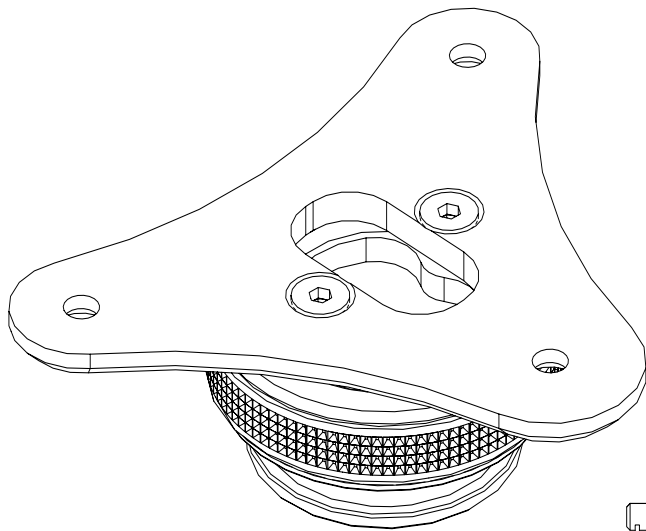
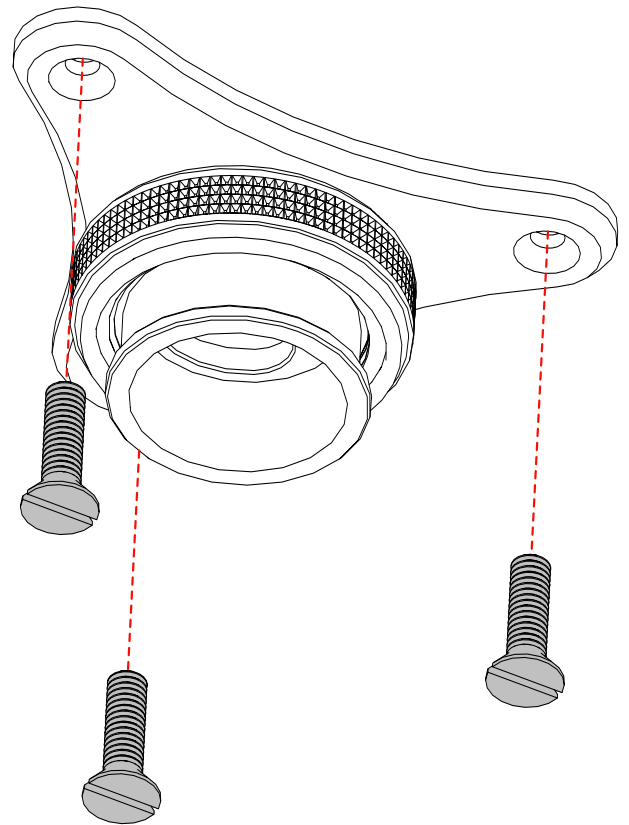


SURFACE MOUNT

- Flat ceiling option - Projector top sits 100mm from the ceiling with 360 degrees rotation.
- Mark around fixing holes using a pencil with mount on the ceiling in the desired location. Make sure that the mount will be the correct distance from the projector screen.



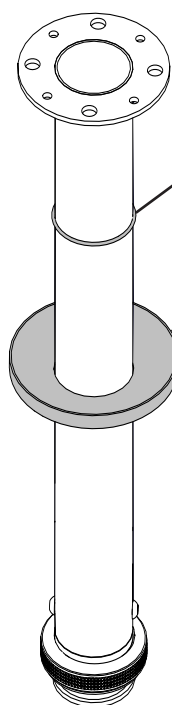
It is the installers responsibility to make sure the mechanism is installed safely and securely.



POLE MOUNT



It is the installers responsibility to make sure the mechanism is installed safely and securely.

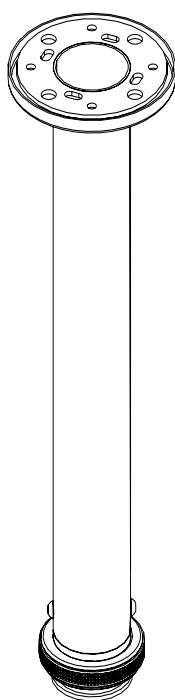
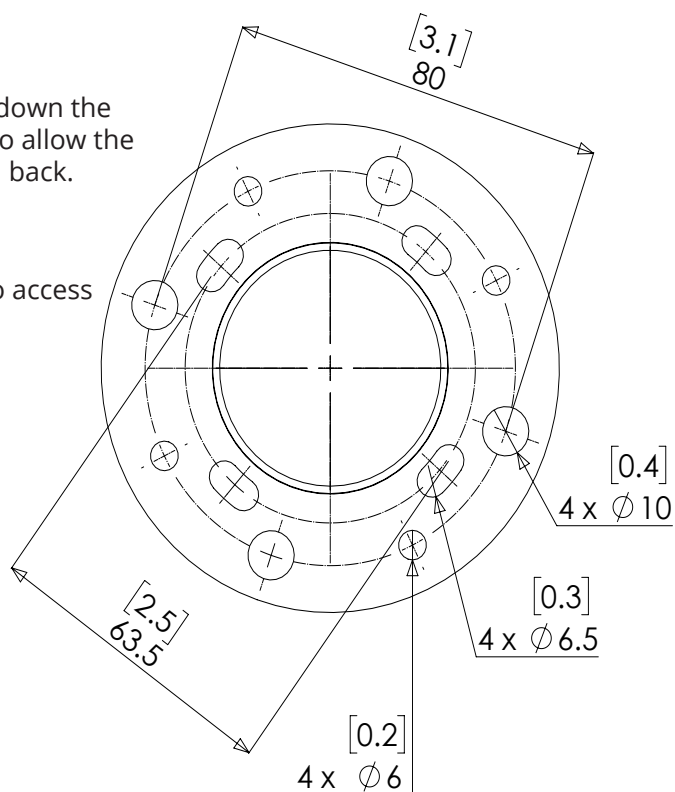


1

Move the 'O' ring down the shaft of the pole to allow the collar to be pulled back.

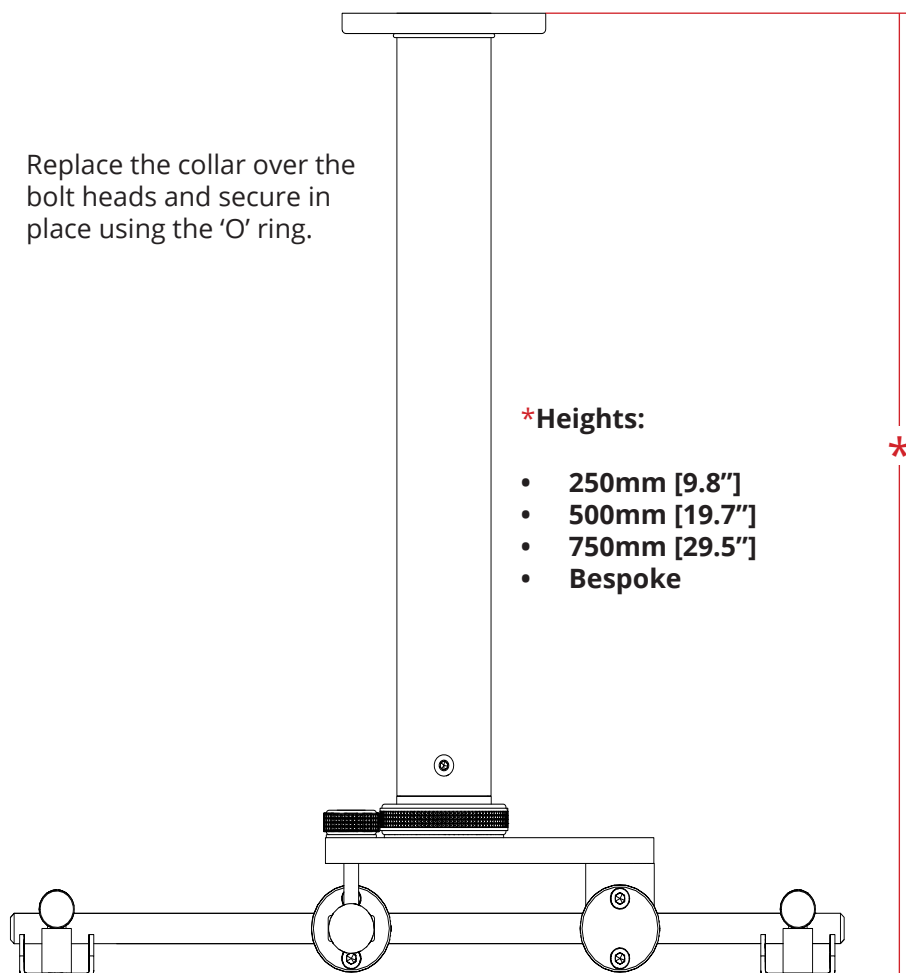
2

Slide the collar back to access the mounting holes.



3

Replace the collar over the bolt heads and secure in place using the 'O' ring.



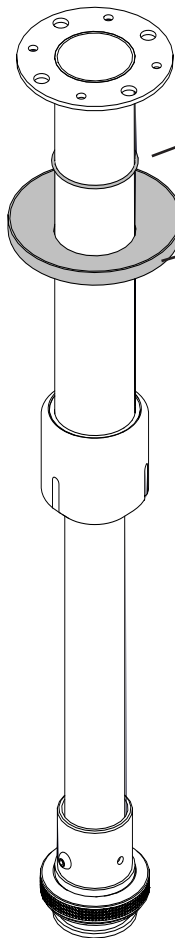
*Heights:

- 250mm [9.8"]
- 500mm [19.7"]
- 750mm [29.5"]
- Bespoke

TELESCOPE MOUNT



It is the installers responsibility to make sure the mechanism is installed safely and securely.



1

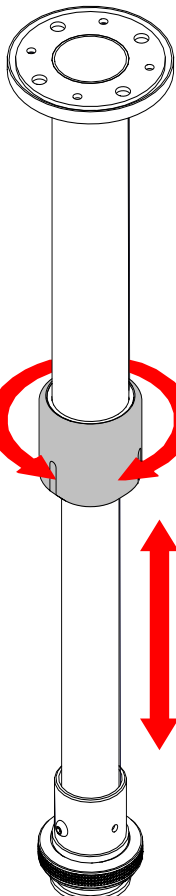
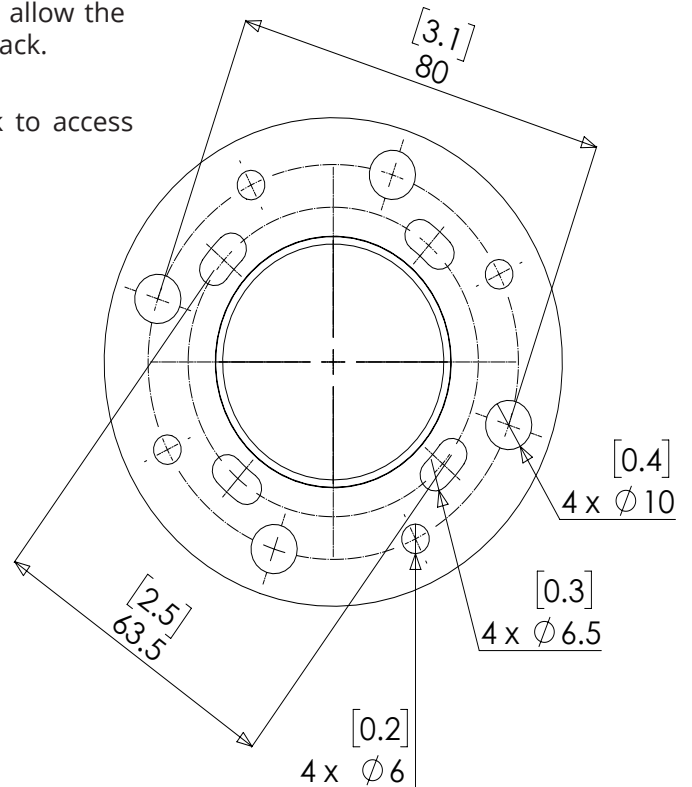
Move the 'O' ring down the shaft of the pole to allow the collar to be pulled back.

2

Slide the collar back to access the mounting holes.

3

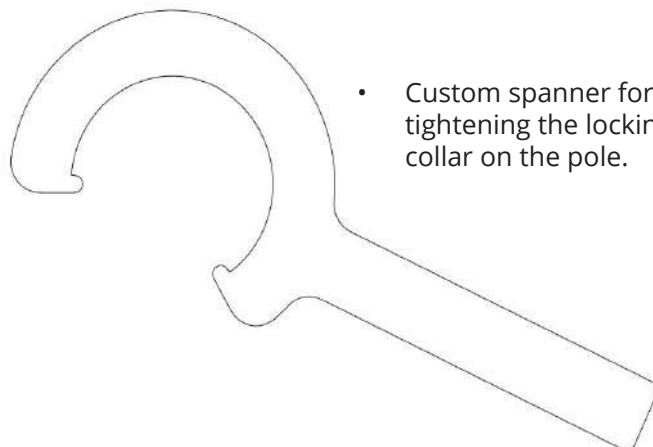
Replace the collar over the bolt heads and secure in place using the 'O' ring.



Telescopic pole option - Projector top sits 400 [15.7] to 700mm [27.6] and 700 [27.6] to 1300mm [51.2] away from the ceiling, bespoke sizes can be manufactured as well. 360 degrees rotation available.

Telescopic Poles are available in 2 standard options:

- -400T - 400 [15.7] to 700mm [27.6"]
- -700T - 700 [27.6] to 1300mm [51.2"]



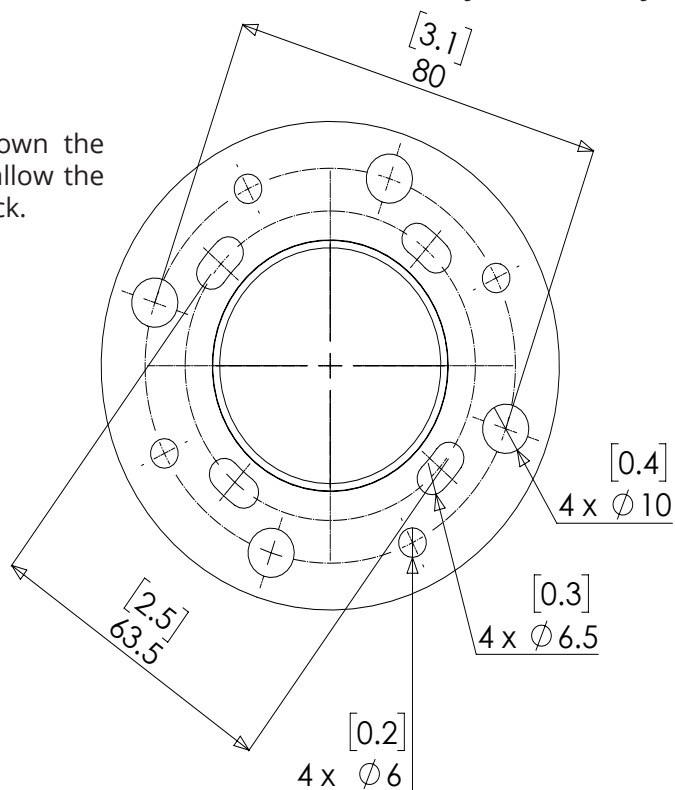
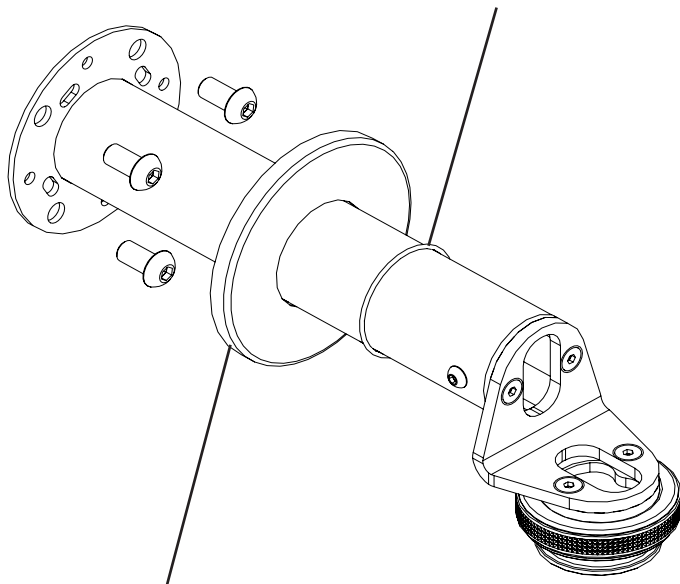
- Custom spanner for tightening the locking collar on the pole.

WALL MOUNT



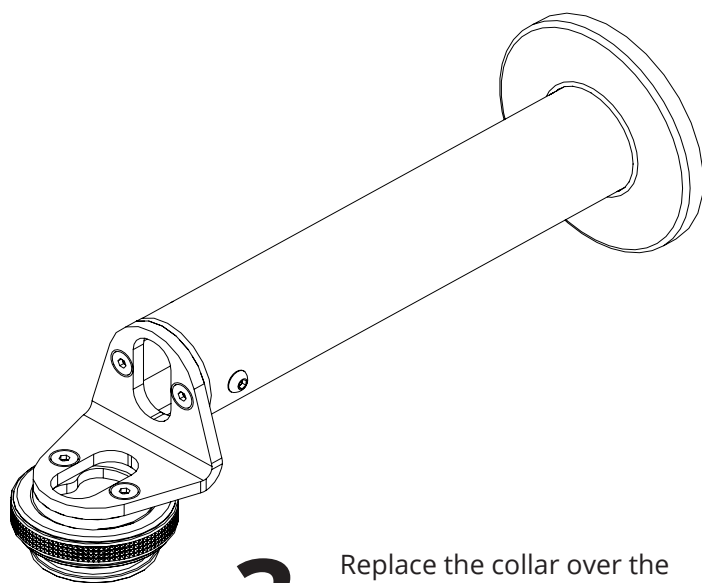
It is the installers responsibility to make sure the mechanism is installed safely and securely.

- 1** Move the 'O' ring down the shaft of the pole to allow the collar to be pulled back.

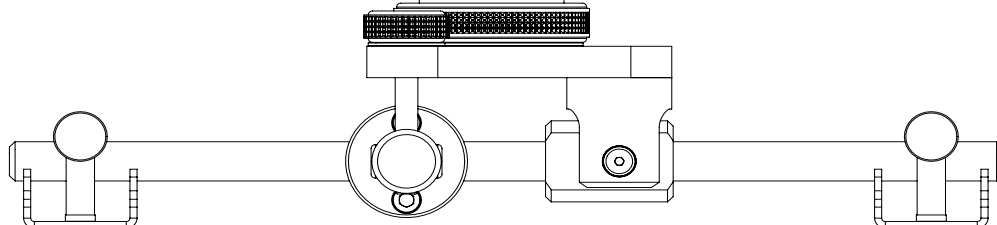
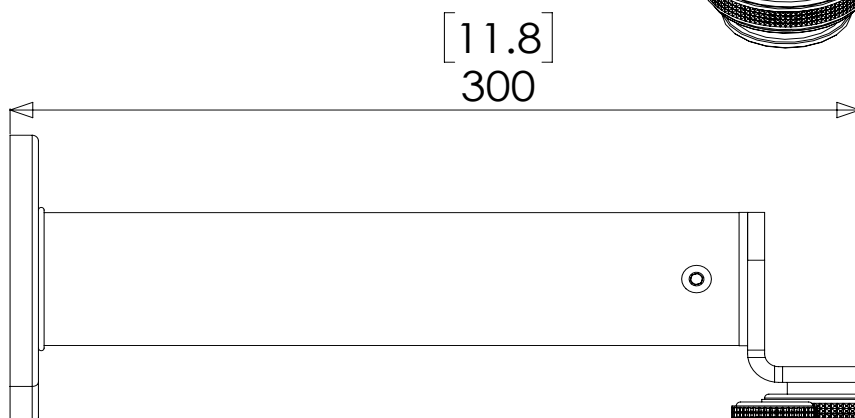


- 2** Slide the collar back to access the mounting holes.

Wall option - The arm sits 300mm [11.8"] from the wall to the centre of the locking collar, bespoke sizes can be manufactured. Up to 360 degrees rotation available as long as the projectors movement isn't restricted by the wall.



- 3** Replace the collar over the bolt heads and secure in place using the 'O' ring.

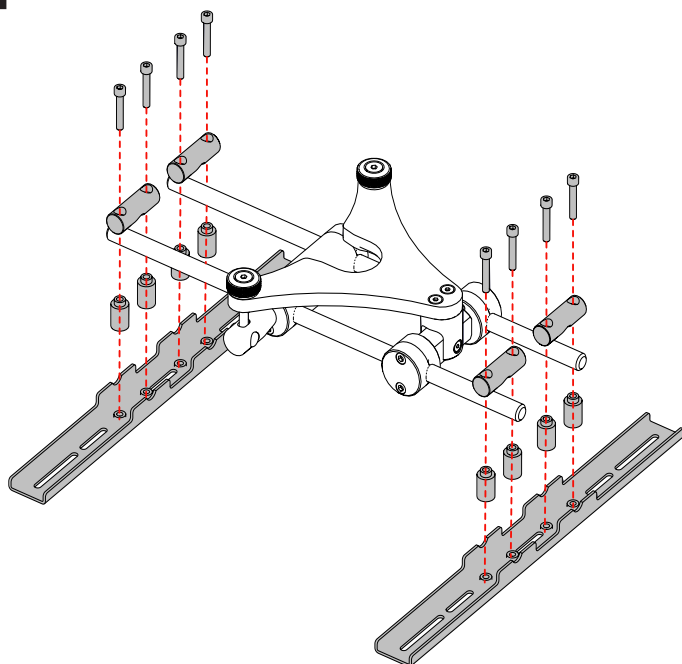


CROSS BRACKET MOUNTING

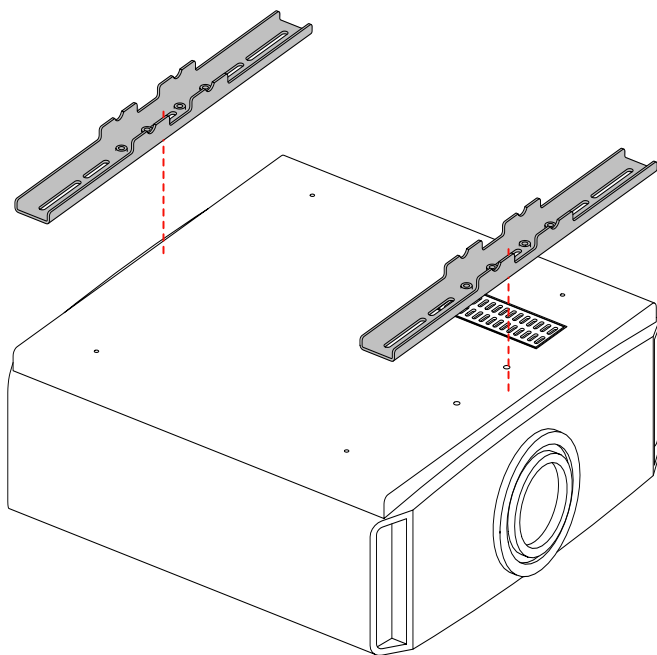


It is the installers responsibility to make sure the mechanism is installed safely and securely.

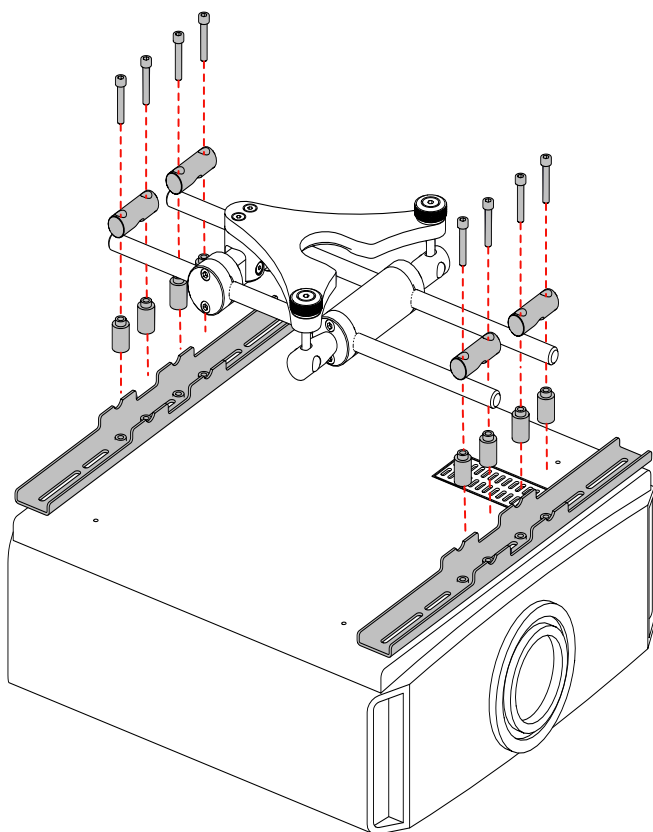
1 Remove the Mounting Brackets



2 Attach the mounting brackets to the projector.



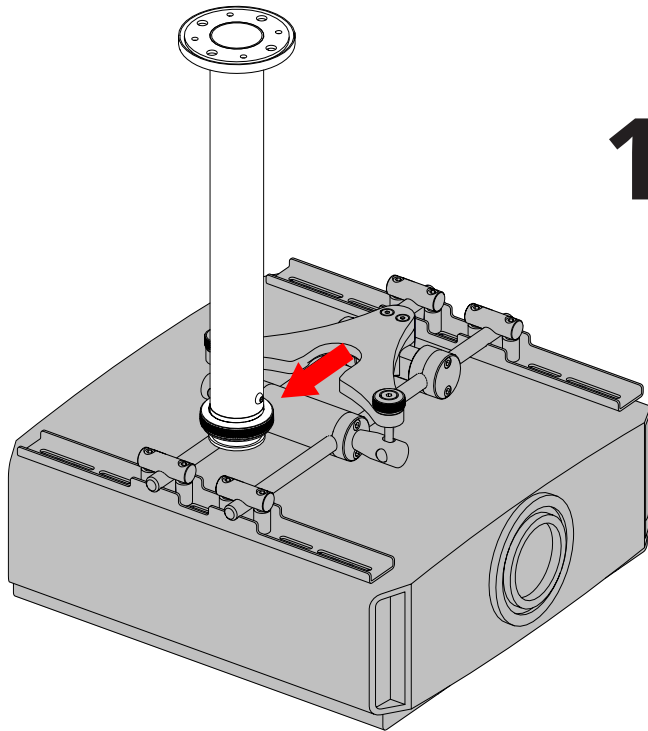
3 Reattach the mounting plates to the main mechanism.



PROJECTOR MOUNTING

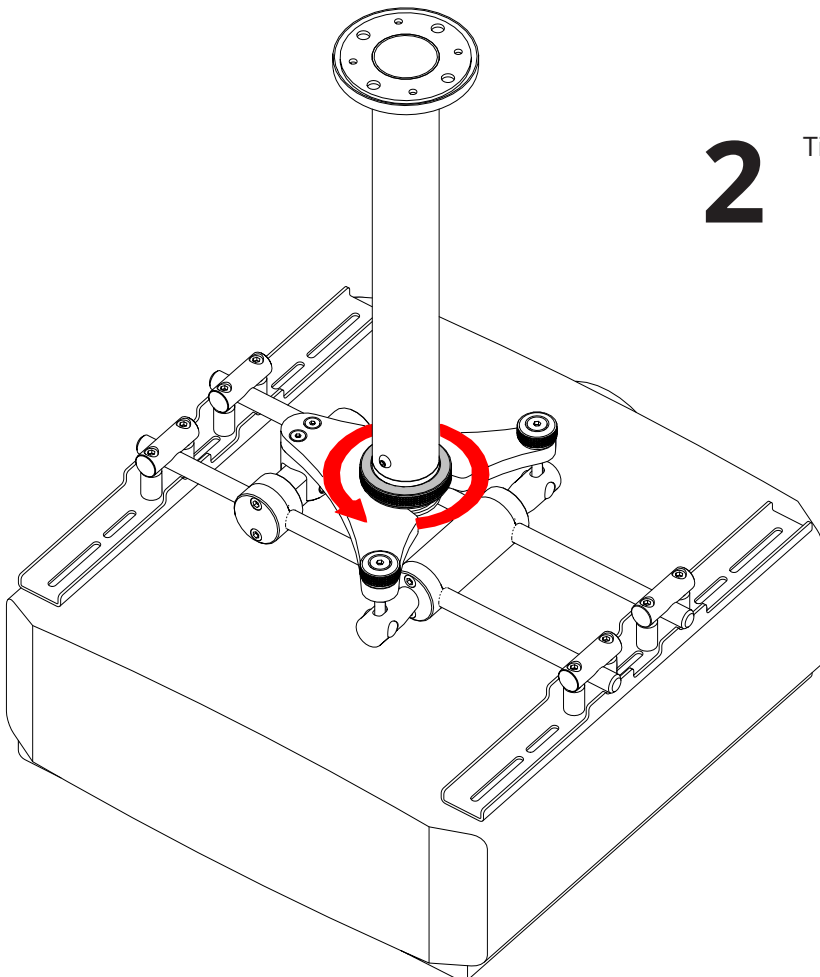


It is the installers responsibility to make sure the mechanism is installed safely and securely.



1

Slide the projector and yoke onto the mount.



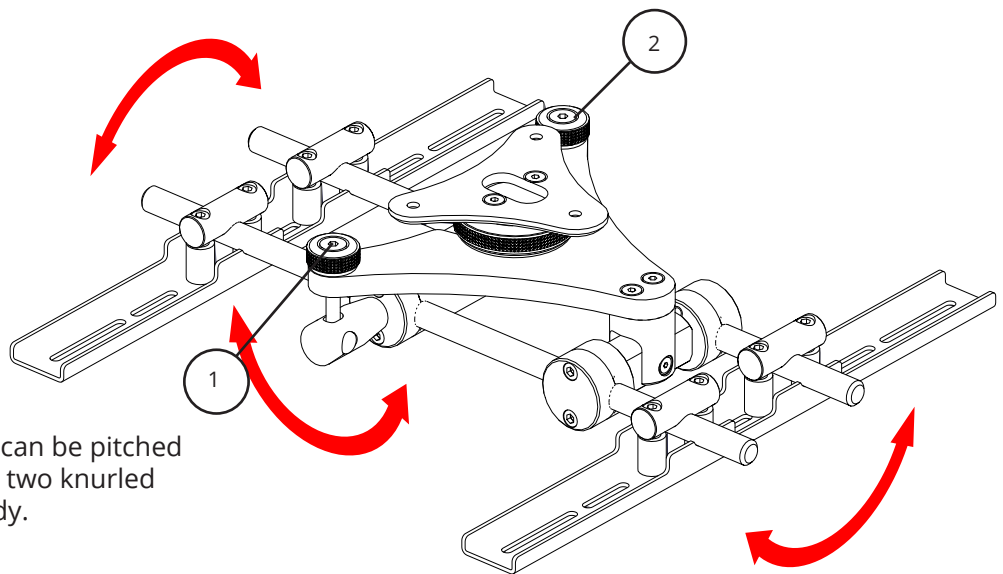
2

Tighten the collar until it is tight.

PROJECTION ADJUSTMENT



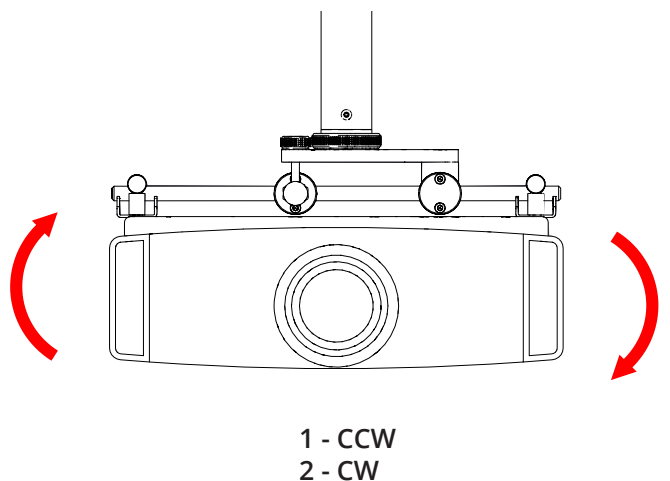
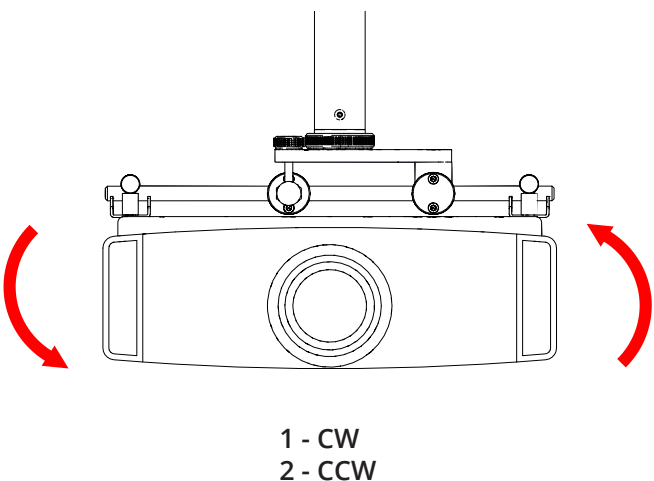
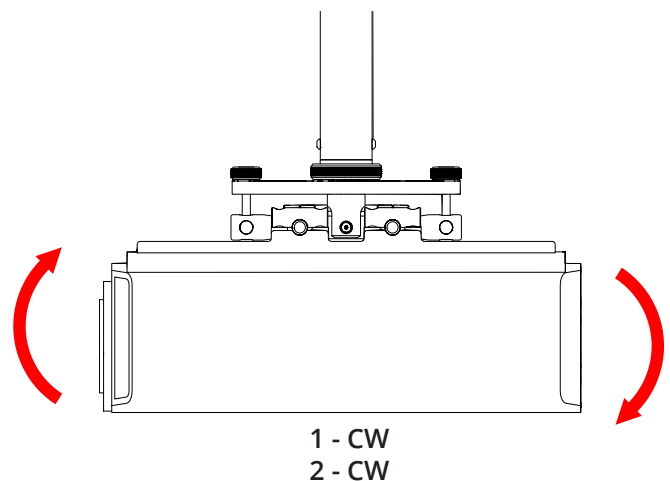
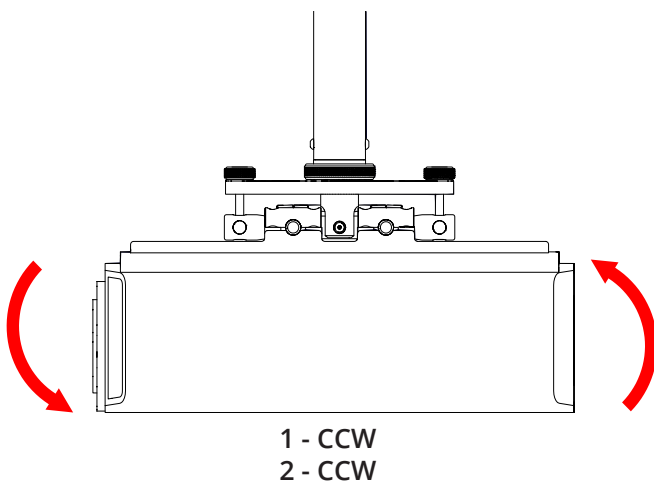
It is the installers responsibility to make sure the mechanism is installed safely and securely.



The position of the projector can be pitched and/or tilted by adjusting the two knurled knobs on top of the main body.

CW = CLOCKWISE

CCW = COUNTER CLOCKWISE



NOTES:



EUROPEAN OFFICE

Address:
Unit 6-8
Brunel Road
Bedford
Bedfordshire
MK41 9TG

Phone: +44 (0) 1438 833577
Email: info@futureautomation.co.uk

Office Hours:
Mon - Fri 8:00 to 17:30 GMT
Saturday & Sunday - Closed

NORTH AMERICAN OFFICE

Address:
32 Quality Way
Dover
NH
03820
United States

Phone: +1 (603) 742 9181
Email: info@futureautomation.net

Office Hours:
Mon - Fri 7:00 to 17:00 EST
Saturday & Sunday - Closed

