

**VISION**  
installation:innovation

# TM-1200 OWNERS MANUAL



[www.visionaudiovisual.com/techmount/tm-1200](http://www.visionaudiovisual.com/techmount/tm-1200)

## TM-1200 OWNERS MANUAL

Thanks for choosing the Vision TM-1200 Techmount! In order to obtain the best performance please be sure to read this owner's manual and use your product only in accordance with the instructions.

### WARNINGS

During installation take care to adhere to workplace health and safety laws:

- Attach the bracket to a rated load-bearing structure.



#### **NEVER MOUNT BRACKET DIRECTLY TO A FALSE CEILING!**

- Do not cut or drill any parts above head height. This should all be done using the correct safety equipment at floor level.
- Avoid overstretching which might result in the ladder tipping over.
- SWL (safe working load): 10kg
- The TM-1200 is a projector ceiling bracket designed to fix to a load-bearing ceiling.
- Ensure it is installed in an appropriate place – for example not obstructing an emergency exit.
- Ensure it is at least 2000mm above the ground to prevent accidental injury.
- Check stability after installation.
- Installation must be done by a specialist audio-visual installer
- Side panels should not obstruct the lens, connectivity, and airflow access. Allow 500mm x 500mm space around the bracket.
- Avoid installing in a moist environment, or in direct sunshine, or near corrosive gas or liquid.
- Routing of cables through the bracket must comply with local regulations.



#### **ENSURE POWER CABLE IS NOT TWISTED, SQUEEZED, OR SHEARED!**

All products are designed and imported into the EU by 'Vision' who is wholly owned by 'Azlan Logistics Ltd.', Registered in England Nr. 04625566 at Lion House, 4 Pioneer Business Park, Clifton Moor, York, YO30 4GH.

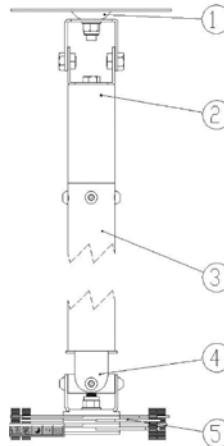


## CONTENTS

- 1 x 1.1m pole (Q235)
  - 1 x Ceiling plate (SPCC)
  - 1 x Top tilting mechanism (Q335)
  - 1 x Pole Spigot (Q235)
  - 1 x Pole Trim Disk
  - 1 x Spanner
  - 1 x Fall-arrest safety cable
  - 4 x ST8x50 bolts (strength grade: 4.8)
  - 4 x RT Expansion plugs 6.5x45 (HDPE)
  - 1 x Hex Key (zinc plated)
  - 4 x M8x8 Pin Hex Bolts (strength grade: 4.8)
  - 4 x M8x14 Pin Hex Bolts (strength grade: 4.8)
  - 4 x Threaded sleeves
  - 4 x M8 washer (SPCC, zinc plated)
  - 4 x M8 spring washer (SPCC, zinc plated)
  - 1 x Drilling jig
  - 1 x Bottom yoke cover
- 
- 4 x M6x43 bolts for projector attachment
  - 4 x M5x43 bolts for projector attachment
  - 4 x M4x43 bolts for projector attachment
  - 4 x M3x43 bolts for projector attachment
  - 4 x M2.5x43 pan slot bolts for projector attachment

## BRACKET PARTS

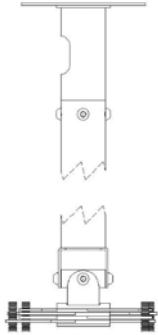
1. Ceiling Yoke
2. Top Coupler
3. 1.1m pole
4. Bottom Yoke
5. Universal "Spider" Fitting



## ALTERNATIVE ASSEMBLY CONFIGURATIONS

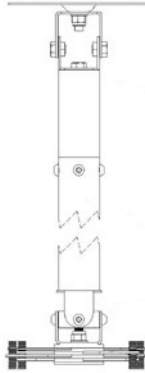
### OPTION A

Standard configuration



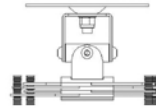
### OPTION B

Sloped ceiling fitting installed



### OPTION C

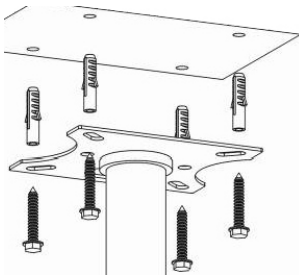
Close-coupled



## INSTALLATION INSTRUCTIONS



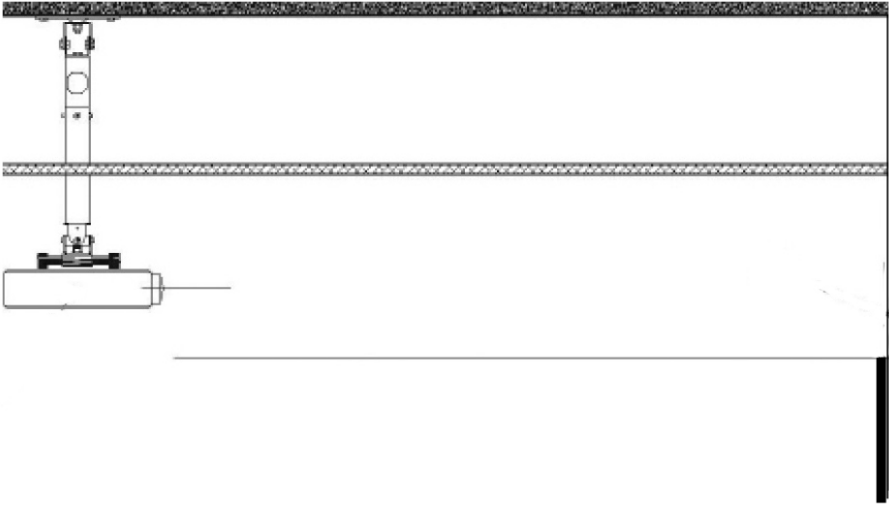
Ensure the correct fixtures are used to attach the projector Techmount to the wall or ceiling depending on the surface you are attaching to. The fixtures provided are ST8x50 bolts with 10mm plastic inserts for attachment to masonry. They may not be suitable for your application.



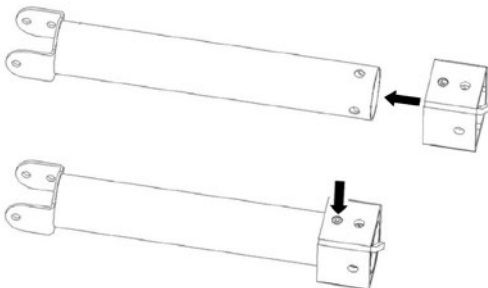
This bracket is designed to be modular, and interchange with brackets that use the same 2" (51mm) pole standard.

## ASSEMBLY FOR STANDARD / SLOPED CEILING CONFIGURATION:

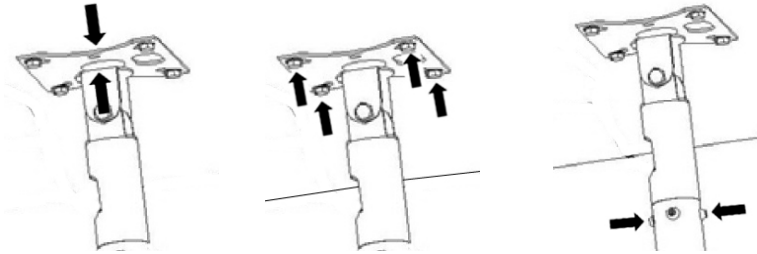
1. Hold pole in place and mark length. The lens of projector should be around a foot above the axis with top of screen.



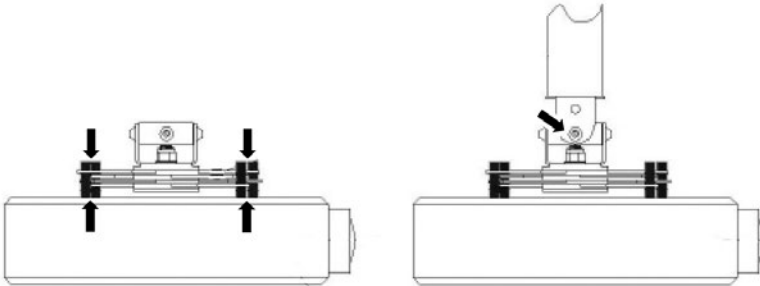
2. Cut pole to length.
3. Drill new holes in the end of the pole:
  - a. Fit drilling jig
  - b. Use the included Hex key to tighten jig in place.
  - c. Place jig and pole on the ground. Drill four new holes.
  - d. Remove jig.



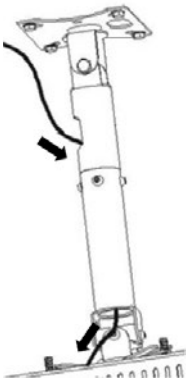
4. Attach top coupler and/or tilting mechanism to ceiling yoke. Fix to ceiling. Fix pole.



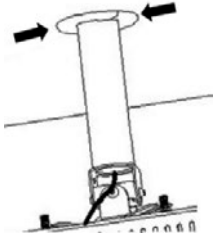
5. Attach projector to the spider/bottom yoke fitting to the projector, and attach all to the pole.



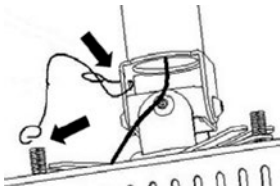
6. Thread the input and power cables through the bracket's cable management system.



7. If you have a false ceiling, fit the included trim disk.



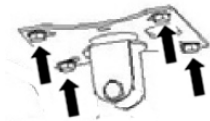
8. Fix fall-arrest cable to pole and projector.



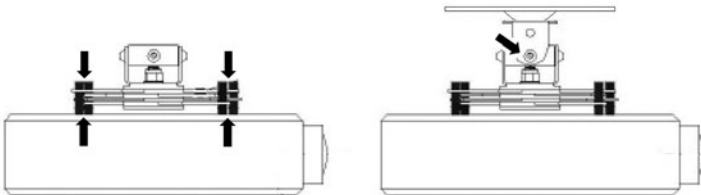
9. Turn the projector on to calibrate image and adjust tilt. Lock off bottom yoke bolts.

### ASSEMBLY FOR CLOSE-COUPLED CONFIGURATION:

1. Fix top yoke to the ceiling.



2. Attach the projector to the spider/bottom yoke fitting to the projector, and attach all to the top piece of the tilting mechanism. Fix one end of fall-arrest cable to pole, and the other end to projector.



## WARRANTY

This product comes with a 2-year return to base warranty, effective from the date of purchase. This warranty applies only to the original purchaser and is not transferable. For the avoidance of doubt, this will be taken from the information held by the appointed national distributor at the point of sale. The liability of the manufacturer and its appointed service company is limited to the cost of repair and or replacement of the faulty unit under warranty, except for death or injury (EU85/374/EEC). This warranty protects you against the following:

- Faulty welds resulting in the product not safely performing its task within the recommended SWL (safe working load).
- Poor finishing resulting in the product not being able to be assembled.
- External corrosion if identified within 24 hours of purchase. The inside of the pipe is not powder-coated, so light corrosion may develop over time. This is normal and does not adversely affect the load-bearing capability of the product, therefore it is not covered in this warranty.

If you find you do have a problem with this product, you should contact the AV reseller you purchased this product from. The original purchaser is responsible for shipment of the product to the manufacturer's appointed service centre for repair. We will endeavour to return repaired units within 5 working days, however this may not always be possible in which case it will be returned as soon as practically possible. This warranty does not protect this product against faults caused by abuse, misuse, or incorrect installation which might be caused by ignoring the guidelines set out in this manual. If failure is not covered by this warranty, the owner will be given the option to pay for labour and parts to repair the unit at the service company's standard rate.

*LEGAL DISCLAIMER: Because we are committed to improving our products, the details above may change without prior warning. This User Manual is published without warranty and any improvements or changes to the User Manual necessitated by typographical errors, inaccuracies of current information, or improvements to programs and/or equipment, may be made at any time and without notice. Such changes will be incorporated into new editions of the User Manual.*