

Installation Manual

Projector Ceiling Mount
DT-CM



Table of Contents

PLEASE READ PRIOR TO INSTALLATION	3
Important Notes.....	3
SAFETY INFORMATION.....	4
Unpacking	5
Installation	6
Installing the mount plate.....	6
Fitting the Projector Frame.....	7
Hanging the projector	9
Rotation Adjustment.....	10



PLEASE READ PRIOR TO INSTALLATION

Before installation of this mount you should fully read these instructions to ensure you are aware of the full installation procedure. In addition to the screen and accessories and in order to carry out the installation you will need:

- Suitable screw fixing screws/fixings for fixing of the mount
- Spirit level
- Measuring tape

In the Installation accessories you will find enclosed:

- Bolts and washers to fix most common projectors
- 10mm Socket Spanner
- Hex Keys

It is recommended that at least 2 people install this mount. Due to the weight relevant Lifting equipment must always be used to support the mount and the weight of the projector during installation. **Fully read the manual prior to commencing installation.**

Important Notes

The symbols below show important notes that must be read and understood at each stage of installation



= Warnings (Safety or Installation Quality)



= Information (Installation requirements or tips)

From time to time we will release updated versions of manuals. To ensure that you always have the latest version always check against the relevant product on our website –

www.displaytechnologies.co.uk

Any support questions can be sent to our support team – support@displaytechnologies.co.uk



Maximum supported Projector Weight 50kg [110lbs]



SAFETY INFORMATION

WARNING: Risk of Electrical shock. Only authorised installers should open electrical control boxes contained within or for the control of this product.

WARNING: Do not exceed the weight capacity stated for each product or component. Failure to do so can result in serious personal injury or damage to the equipment.

WARNING: It is the installer responsibility to ensure that any structure that product of component supplied is to be fixed to is of adequate structural strength prior to installation. Failure to do so can result in serious personal injury or damage to the equipment. It is recommended that the structure being fixed to is able to support a weight 5x the weight of the component plus and final equipment being mounted to the component.

WARNINGS:

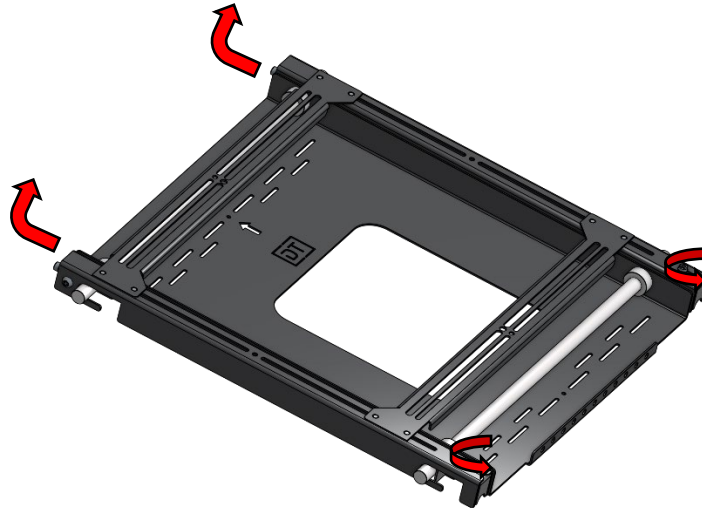
1. Read all technical instructions fully before installation and use. It is the installer's responsibility to ensure that all documentation is passed on the end user and read fully before operation.
2. Keep all documentation.
3. Heed all warnings.
4. Follow all technical specifications and instructions during installation.
5. Do not use near water unless the product has been specifically designed to do so.
6. Clean only with a dry cloth. Where the unit contains a mirror read and adhere to the Mirror Cleaning Guide
7. Do not defeat the purpose of the polarized or grounding type plug. A polarized plug has two blades, one wider than the other. A grounding type plug has two blades and a grounding prong. The wide blade or third prong are provided for your safety. If the provided plug does not fit your outlet, consult an electrician or contact the manufacturer.
8. Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where the exit from the apparatus.
9. Unplug the apparatus during lightning storms or when unused for long periods of time.
10. Only use attachments/accessories specified by the manufacturer.
11. Refer all servicing to qualified personnel. Servicing is required regularly on an annual basis, when the apparatus 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.
12. To completely disconnect the apparatus from the AC mains, disconnect the power cord plug from the AC receptacle on the power control box.
13. To prevent overheating, do not cover the apparatus. Install in accordance with the instructions.
15. No naked flames such as lit candles should be placed on the unit.
16. Observe and follow the local regulations when disposing of batteries.
17. Do not expose the unit to dripping or splashing fluids.
18. Do not place objects filled with liquid, such as vases, on the unit.
19. Do not expose the batteries to excessive heat such as sunshine, fire or the like.
20. For all mounted apparatus, the apparatus should be installed on solid wood, bricks, concrete or solid wood columns and battens.
21. Always turn off power at source before putting on or taking off parts and cleaning.

22. Do not use outdoors unless marked for outdoor use.
23. Exceeding the weight capacity can result in serious personal injury or damage to equipment.

Unpacking

Unpack the mount ensuring that all the relevant parts are present.

1. Loosen the two lock plates and slide down to release

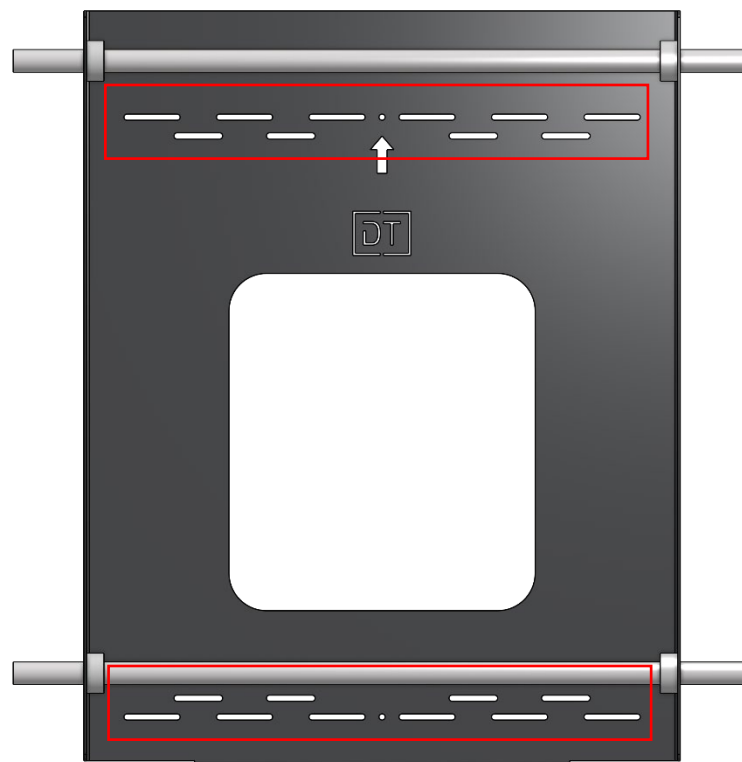


2. Remove the projector frame from the mount plate.

Installation

Installing the mount plate

1. Using the central front hole on the mount plate screw to the ceiling the mount plate.
2. Rotate the mount plate to ensure that it is perpendicular to the projection screen
3. Screw a second screw in the middle hole of the rear row of mount holes
4. Using suitable fixings to fix the total weight of the projector and mount fix fully the mount plate to the ceiling using both the front and rear mounting slots.



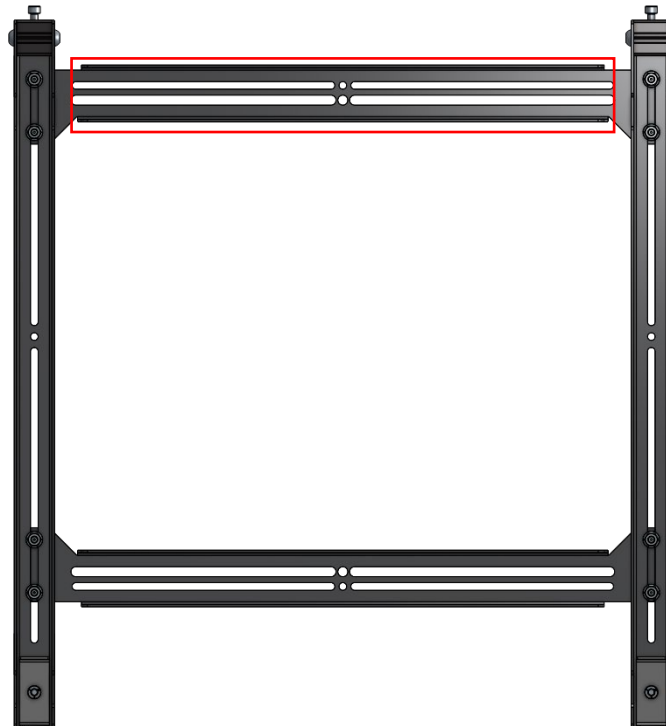
5.



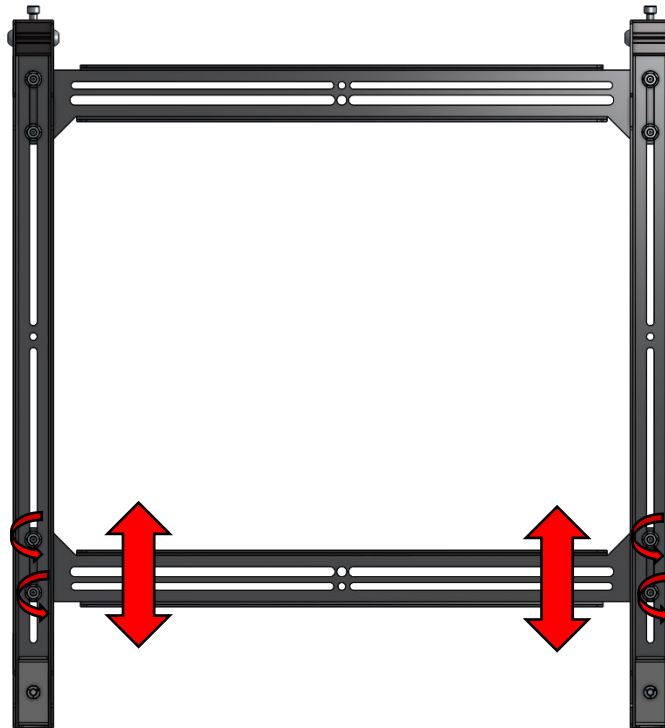
It is the installers responsibility to ensure that the ceiling has the relevant strength or additional support along with selected fixings to endure that the combined weight of the projector and mount can be supported. It is recommended that a total weight of 60kg with a safety factor of x 4 is used in all calculations.

Fitting the Projector Frame

1. Lay the projector with its base facing up ready to fit the projector frame. Ensure that the projector is laid on something that protects it from scratches or damage.
2. Lay the projector frame on the base of the projector with the hooks of the projector frame facing down towards the back to the projector.
3. Using the relevant fixings and washers to fit the top bar of the mount frame to the projector.



4. Slacken the M6 nuts holding the bottom bar of the mount frame and move this until it aligns with the projector's rear set of mounting holes. Use the 10mm Socket spanner provided for this.



5. Using the relevant fixings and washers to fit the top bar of the mount frame to the projector.
6. Tighten all the M6 nuts holding the bottom bar and top bar of the mount frame. Use the 10mm Socket spanner provided for this.

Hanging the projector

1. Lift the projector up to align it with the mount plate on the ceiling



2. Lift the projector so that the hooks on the projector plate engage with the rods on the mount plate and pushed right back.
3. Slide in the two lock plates and tighten the lock screw.



Rotation Adjustment

If during installation the mount was not quite perpendicular to the screen it is possible to have some rotation adjustment on the mount (+/- 5 degrees).

1. Slacken the two locking bolts on the locking plates at the back of the mount.
2. Using the adjuster knobs on the front of the mount rotate the to rotate the mount against the hanging bar. Do this until the desired rotation in achieved.
3. Tighten the locking bolts on the locking plates at the back of the mount ensuring that the locking plate is tight against the handing bar.