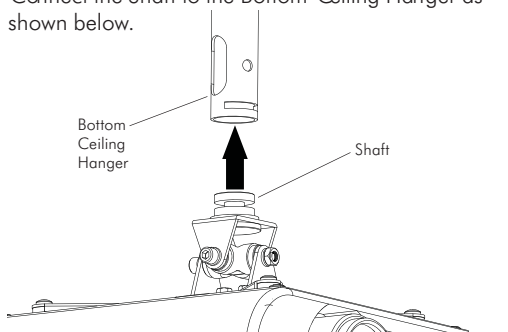## G Attaching the Ceiling Mount Assembly to the Ceiling Hanger
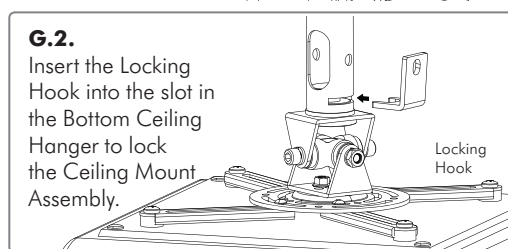
G.1.
Connect the Shaft to the Bottom Ceiling Hanger as shown below.
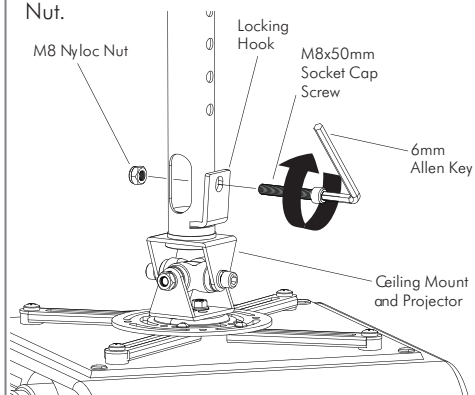
Bottom Ceiling Hanger

Shaft

G.3.
Tighten the Locking Hook with the supplied M8x50mm Socket Cap Screw and the M8 Nyloc Nut.

Locking Hook

M8 Nyloc Nut

M8x50mm Socket Cap Screw

6mm Allen Key

Ceiling Mount and Projector

G.2.
Insert the Locking Hook into the slot in the Bottom Ceiling Hanger to lock the Ceiling Mount Assembly.

Locking Hook

Tip: When the projector requires servicing, remove the projector via this easy disconnection point to save time.

H Adjusting the Projector

Roll / Shift Adjustment

6mm Allen Key

Tighten

Loosen

M8x65mm Screw
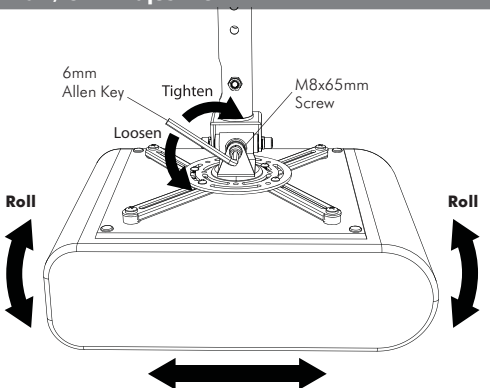
Roll

Roll

To make Roll/Shift adjustments, first ensure the weight of the projector is supported. Then loosen the M8x65mm Screw with the supplied 6mm Allen Key, and adjust to your desired position. Re-tighten the screw firmly.

Pitch Adjustment

6mm Allen Key

Tighten

6mm Allen Key

Loosen

M8x15mm Screw
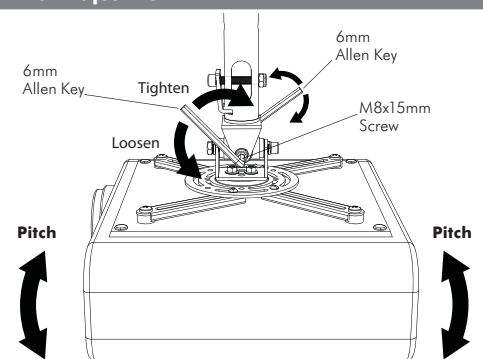
Pitch

Pitch

To make Pitch adjustment, first ensure the weight of the projector is supported. Then loosen both M8x15mm Screws with the supplied 6mm Allen Key, and adjust to your desired position. Re-tighten both screws firmly.

Installation Complete

ATDEC Infinite Mounting Possibilities

Due to continuing product development, the manufacturer reserves the right to alter specifications without notice. Published: 08.02.13©

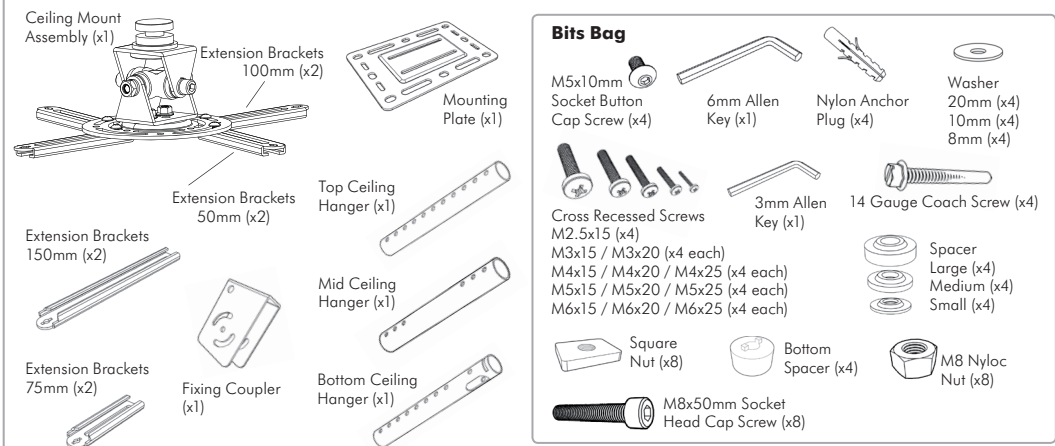
ATDEC Infinite Mounting Possibilities

Installation Instructions
TH-WH-PJ-CM Projector Ceiling Mount | Pole

WARNING: This bracket supports up to 15kg (33lbs). It is dangerous to overload this bracket.

Component Checklist

Ceiling Mount Assembly (x1)

Extension Brackets 100mm (x2)

Mounting Plate (x1)

Extension Brackets 50mm (x2)

Extension Brackets 150mm (x2)

Extension Brackets 75mm (x2)

Fixing Coupler (x1)

Top Ceiling Hanger (x1)

Mid Ceiling Hanger (x1)

Bottom Ceiling Hanger (x1)

Bits Bag

M5x10mm Socket Button Cap Screw (x4)

6mm Allen Key (x1)

Nylon Anchor Plug (x4)

Washer 20mm (x4) 10mm (x4) 8mm (x4)

Cross Recessed Screws
M2.5x15 (x4)
M3x15 / M3x20 (x4 each)
M4x15 / M4x20 / M4x25 (x4 each)
M5x15 / M5x20 / M5x25 (x4 each)
M6x15 / M6x20 / M6x25 (x4 each)

3mm Allen Key (x1)

14 Gauge Coach Screw (x4)

Spacer Large (x4) Medium (x4) Small (x4)

Square Nut (x8)

Bottom Spacer (x4)

M8 Nyloc Nut (x8)

M8x50mm Socket Head Cap Screw (x8)

WARNING

- Ensure the Ceiling can support the total weight of the Projector and the Universal Ceiling Mount.

- All bolts and screws must be used at the designated points as per installation instructions to prevent damage to the projector unit, or injury.

- **DO NOT** install near an air conditioner or where there is excessive dust and smoke.

- Ensure the projector is mounted so that it is not possible for undue load to be placed on the bracket.

A Component Checklist

Check you have received all parts against the Component Checklist above.

B Assembling the Mounting Plate and the Fixing Coupler

Assemble the Mounting Plate and the Fixing Coupler as shown, then move onto the next step to attach it to the ceiling.

Fixing Coupler
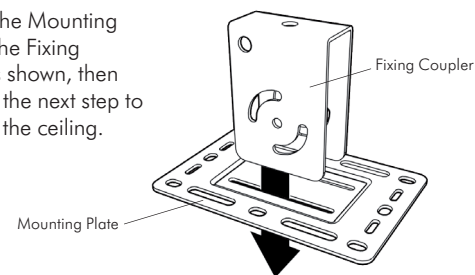
Mounting Plate

NOTE
If mounting onto an angled ceiling, ensure the Fixing Coupler is in the correct orientation.

angled ceiling

Fixing Coupler
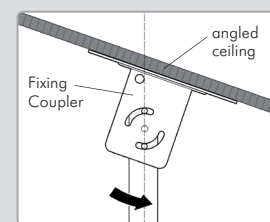
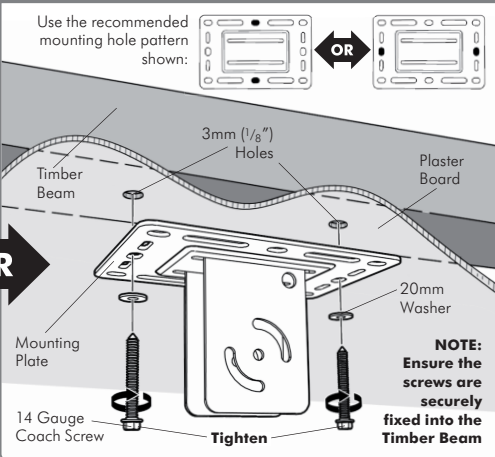## C — Installing the Ceiling Plate

Choose the appropriate installation procedure depending on your ceiling type.

Masonry

Use the recommended mounting hole pattern shown:

8mm (5/16") Holes
Nylon Anchor Plug
Washer
Mounting Plate
Masonry Ceiling
14 Gauge Coach Screw
Tighten

OR

Plaster Board

Use the recommended mounting hole pattern shown:

OR

3mm (1/8") Holes
Timber Beam
Plaster Board
Mounting Plate
20mm Washer
14 Gauge Coach Screw
Tighten

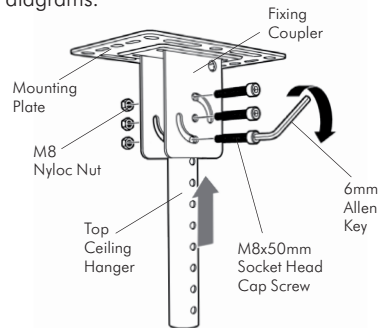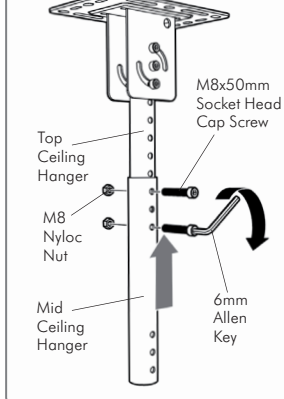**NOTE: Ensure the screws are securely fixed into the Timber Beam**
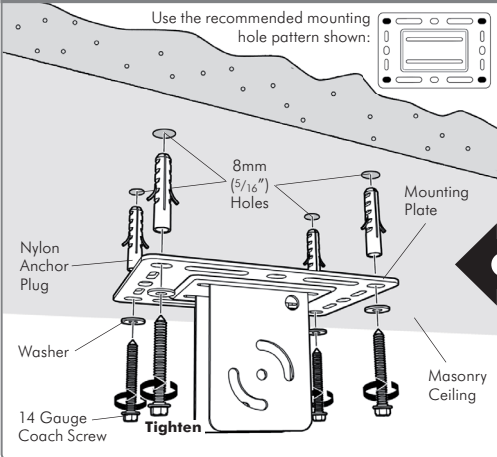
D — Attaching the Ceiling Hangers to the Fixing Coupler

D.1.
Install the Ceiling Hangers to the required height as shown in the following diagrams.

Fixing Coupler
Mounting Plate
M8 Nyloc Nut
Top Ceiling Hanger
M8x50mm Socket Head Cap Screw
6mm Allen Key

D.2.
M8x50mm Socket Head Cap Screw
Top Ceiling Hanger
M8 Nyloc Nut
Mid Ceiling Hanger
6mm Allen Key

D.3.
Mid Ceiling Hanger
M8 Nyloc Nut
Bottom Ceiling Hanger
6mm Allen Key
M8x50mm Socket Head Cap Screw

Cable Management Option
Feed the projector cables through the slot on the Bottom Ceiling Hanger as shown.

projector cables

E — Finding the Centre of Gravity of the Projector

E.1.
Pick up the projector using both of your index fingers. Move your fingers along the side of the Projector (follow Step 1) until it is level. Remember the balance point.

E.2.
Repeat this process for the perpendicular side (follow Step 2)

E.3.
Where both balance points meet is the Centre of Gravity of your projector. Use a pencil to mark this point.

Centre of Gravity
Step 1
Step 2
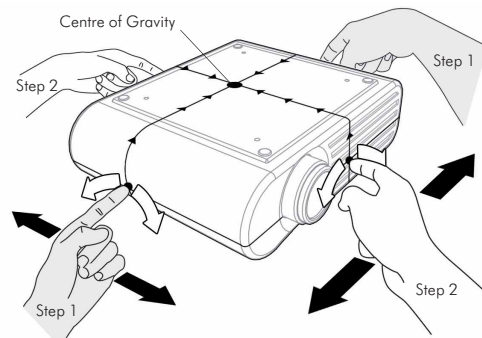
## F — Attaching the Ceiling Mount Assembly to the Projector

F.1.
Loosen the M5x10mm Screws using the supplied 3mm Allen Key until you can slide the extension brackets freely, as shown.

OR

You may need to replace the attached Extension Brackets with the additional longer brackets supplied in the package, to suit the mounting hole configuration of your projector.

3mm Allen Key
Extension Bracket
M5x10mm Socket Button Cap Screw

F.2.
Place the Ceiling Mount Assembly over the Projector and align the centre of the Ceiling Mount with the Centre of Gravity marked previously on the Projector.

Centre of Ceiling Mount
Centre of Gravity
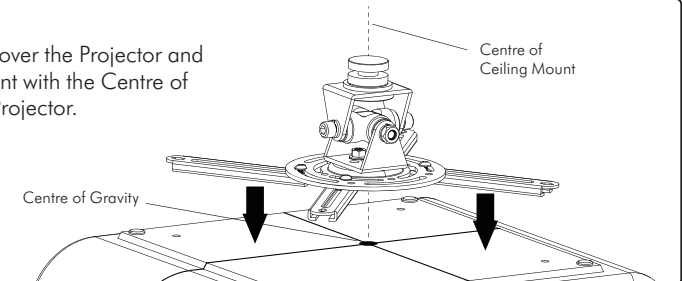
F.3.
Place the Bottom Spacers in between the Extension Brackets and the Projector, and align the mounting holes as shown below.

Bottom Spacers
Extension Bracket
Bottom Spacer
Mounting Hole
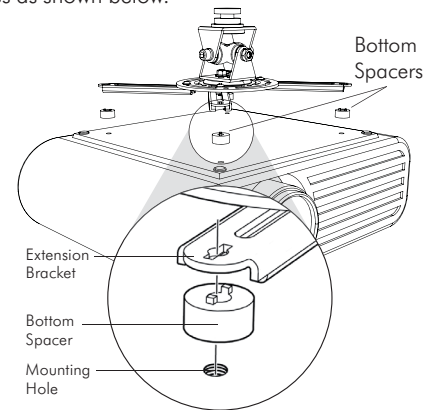
NOTE
If your mounting holes are recessed into the projector, you may need to use the additional Spacers supplied in the Bits Bag. Please select the appropriate Spacers according to the design of your projector.

Extension Bracket
Bottom Spacer
Spacer
Recessed Mounting Hole
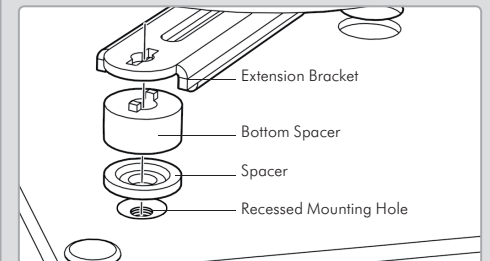
F.4.
Select the correct Mounting Screws from the Bits Bag and firmly screw the Ceiling Mount Assembly onto your Projector.

Once this is done, the Projector Ceiling Mount Assembly is ready to be mounted onto the Bottom Ceiling Hanger.

Mounting Screws
Bottom Spacer