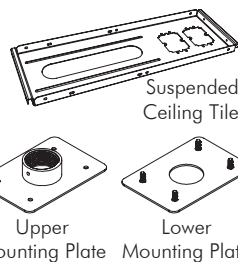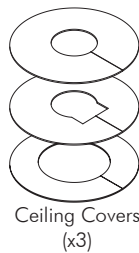# ProAV

telehook
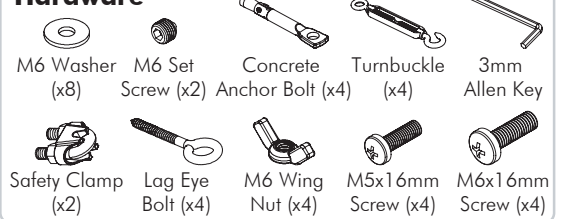Projector | Suspended Ceiling Tile 8"

Component Checklist

Tools Required:
Phillips head screwdriver
Wire cutters
Power drill
6mm ($^1/_4$") drill bit
6mm ($^1/_4$") masonry drill bit
Claw hammer
Jigsaw/Hole cutter
Spirit level

Support Wire

Safety Wire

Ceiling Covers (x3)

Mounting Collar

Upper Mounting Plate

Lower Mounting Plate

Suspended Ceiling Tile

Hardware

M6 Washer (x8)

M6 Set Screw (x2)

Concrete Anchor Bolt (x4)

Turnbuckle (x4)

3mm Allen Key

Safety Clamp (x2)

Lag Eye Bolt (x4)

M6 Wing Nut (x4)

M5x16mm Screw (x4)

M6x16mm Screw (x4)

IMPORTANT INFORMATION:

! **IMPORTANT - Install Telehook Projector - Suspended Ceiling Tile 8" as per Installation Instructions.**
! Compatible with 1.5" NPT Pole Mounts, Atdec Pole Mount (TH-WH-PJ-CM), Atdec Flush Mount (TH-WH-PJ-FM), Atdec ProAv Projector Ceiling Mount (TH-PF) and Atdec pole accessories (TH-PPA-18-25, TH-PPA-24-48 & TH-PPE-24).
! Maximum weight capacity 22.7kg (50lbs).
! The manufacturer accepts no responsibility for incorrect installation.

Step 1. Check Components

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

Step 2. Remove Existing Ceiling Tile
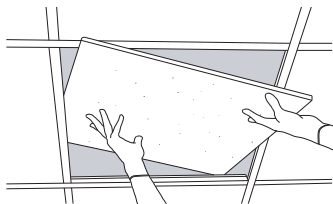
Remove existing ceiling tile from ceiling grid where the product is going to be installed.
NOTE: Keep this ceiling tile for later in the installation.

TIP: Also temporarily remove an adjacent ceiling tile to allow easy access to the product during installation.
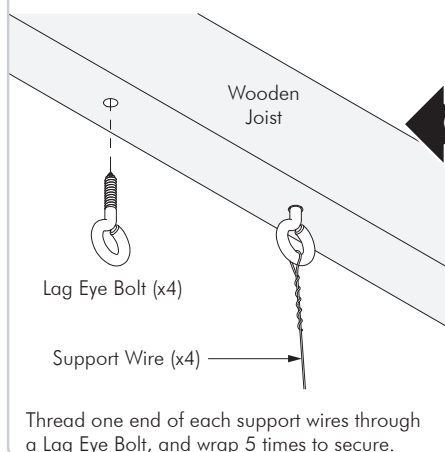
Step 3. Fix Anchors to True Ceiling

Uncoil Support Wire and cut into 4 equal lengths. Select the anchoring method appropriate to your ceiling (see below).
NOTE: Each anchor point should be directly above each corner of the Suspended Ceiling Tile.
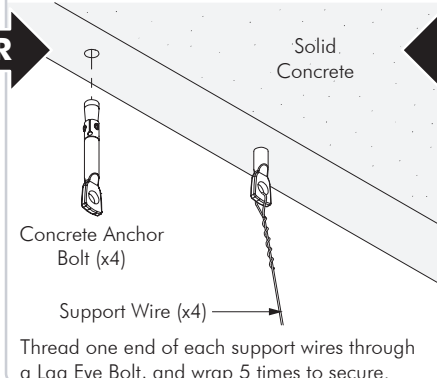
Wooden Joists
Drill 4x Ø6mm holes, at least 50mm deep (4x Ø¼" holes, 2"deep).
Fully screw Lag Eye bolts into wooden joists.

Wooden Joist

Lag Eye Bolt (x4)

Support Wire (x4)

Thread one end of each support wires through a Lag Eye Bolt, and wrap 5 times to secure.

OR

Solid Concrete
Drill 4x Ø6mm holes, 36mm deep (4x Ø¼" holes 1½" deep).
Tap anchors into hole to an embedded depth of at least 25mm deep (1" deep).
Using a claw hammer, pull anchor out 6mm (¼") to activate anchor.

Solid Concrete

Concrete Anchor Bolt (x4)

Support Wire (x4)

Thread one end of each support wires through a Lag Eye Bolt, and wrap 5 times to secure.

OR

Truss Beams
Thread one end of Support Wires through the trusses, and wrap 5 times to secure.

Truss Beam
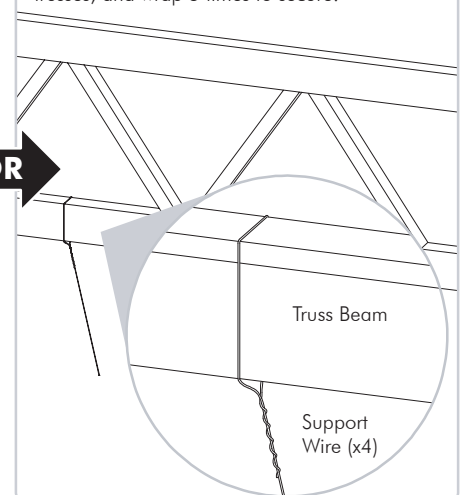
Support Wire (x4)

Step 4. Attach Turnbuckles onto Support Wires

Support Wire (x4)

Turnbuckle (x4)
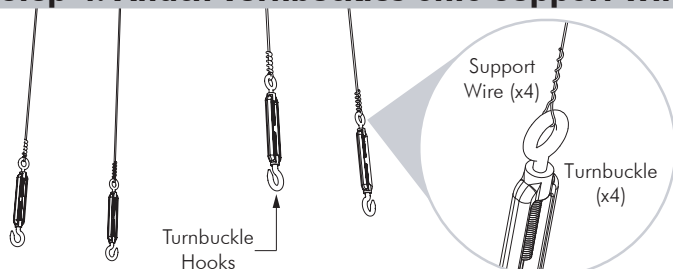
Turnbuckle Hooks

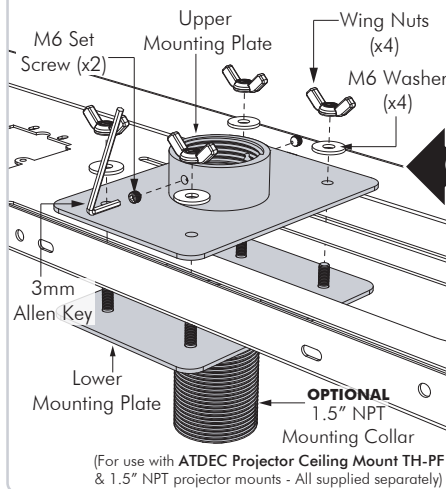Loop each dangling Support Wire through a Turnbuckle, and wrap 5 times to secure.

Make sure that the position of the x4 Turnbuckles are approximately at the same height.

TIP: When mounting 1.5" NPT pole mounts or flush mounts the turnbuckle hooks should be level with the top of ceiling grid. When mounting an Atdec pole mount (TH-WH-PJ-CM) the hooks should be approximately 130mm (5") above the top of the ceiling grid.

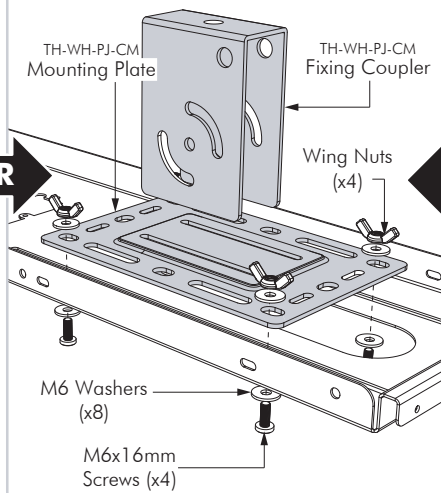## Step 5. Assemble Projector Mount Interface onto Suspended Ceiling Plate

1.5" NPT mount interfaces
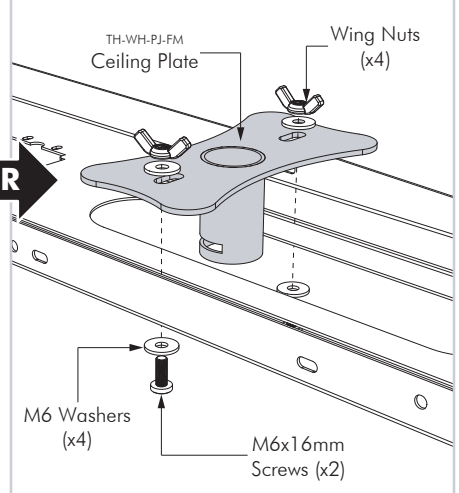(Included) (compatible with Atdec pole accessories & 1.5" NPT poles)

M6 Set Screw (x2)
Upper Mounting Plate
Wing Nuts (x4)
M6 Washer (x4)
3mm Allen Key
Lower Mounting Plate

OPTIONAL 1.5" NPT Mounting Collar
(For use with **ATDEC Projector Ceiling Mount TH-PF** & 1.5" NPT projector mounts - All supplied separately)

OR

Atdec Pole Mount
(TH-WH-PJ-CM supplied separately)

TH-WH-PJ-CM Mounting Plate
TH-WH-PJ-CM Fixing Coupler
Wing Nuts (x4)
M6 Washers (x8)
M6x16mm Screws (x4)

OR

Atdec Flush Mount
(TH-WH-PJ-FM supplied separately)

TH-WH-PJ-FM Ceiling Plate
Wing Nuts (x4)
M6 Washers (x4)
M6x16mm Screws (x2)

Step 6. Hook Suspended Ceiling Tile

Hook Suspended Ceiling Tile to the Turnbuckles. Twist Turnbuckles for height adjustment.

TWIST
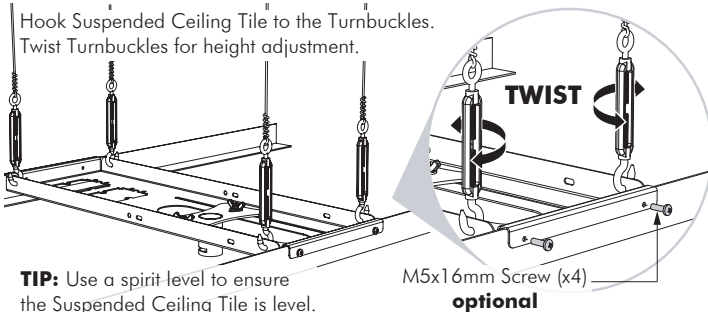
TIP: Use a spirit level to ensure the Suspended Ceiling Tile is level.
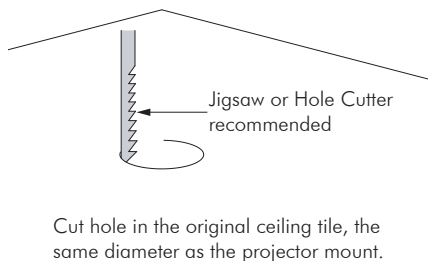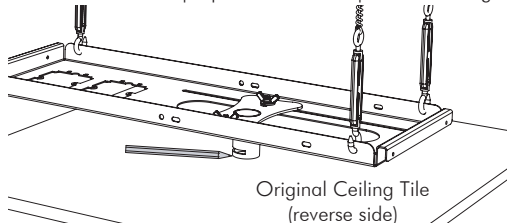
M5x16mm Screw (x4) **optional**

Step 7. Fix Safety Wire

Thread one end of the Safety Wire through a Lag Eye Bolt, Concrete Anchor, or Truss and clamp using Safety Clamp.

Safety Clamp
TIGHTEN 2x NUTS
Safety Wire

TIGHTEN 2x NUTS

Thread other end of Safety Wire through the Suspended Ceiling Tile and clamp using Safety Clamp.
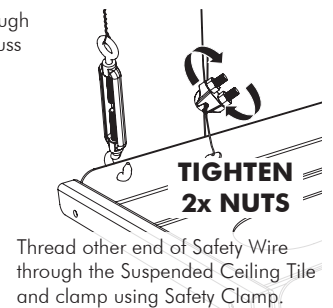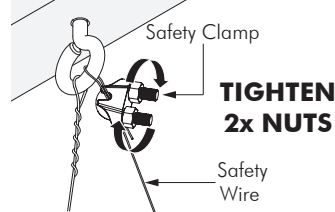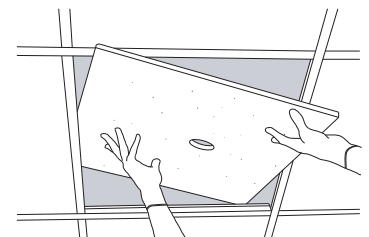
Step 8. Cut out Hole in Original Ceiling Tile

Hold the original ceiling tile up to the ceiling grid and mark out where the projector mount will protrude through.

Original Ceiling Tile (reverse side)

Jigsaw or Hole Cutter recommended

Cut hole in the original ceiling tile, the same diameter as the projector mount.

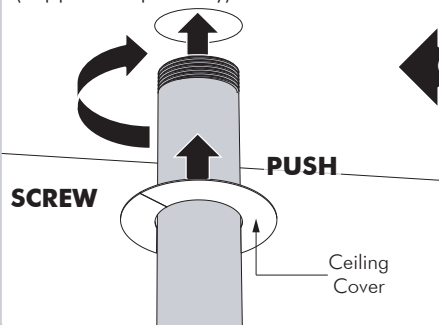Replace original ceiling tile into the ceiling grid.

Step 9. Install Projector Mount and Ceiling Cover (choose Ceiling Cover to suit projector mount)
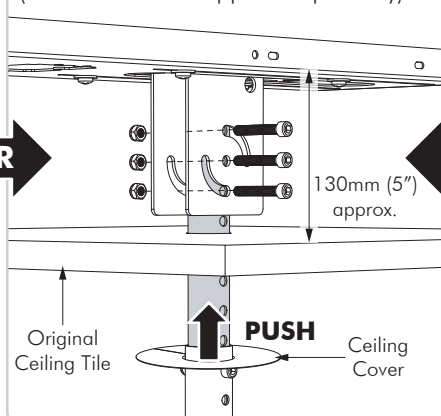
Atdec Pole Accessories
(TH-PPA-18-25, TH-PPA-24-48 & TH-PPE-24 supplied separately)
**or 1.5" NPT Pole Mount**
(supplied separately)

SCREW
PUSH
Ceiling Cover

OR

Atdec Pole Mount
(TH-WH-PJ-CM supplied separately)

130mm (5") approx.
Original Ceiling Tile
PUSH
Ceiling Cover

OR

Atdec Flush Mount
(TH-WH-PJ-FM supplied separately)

NOTE: For TH-WH-PJ-FM the cut-out must be at least Ø65mm (2.5") to allow access to the Locking Hook and fasteners.

TH-WH-PJ-FM Locking Hook
PUSH
Ceiling Cover
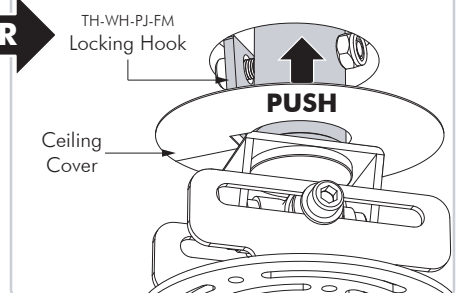
Installation Complete - Ready to install Projector