

# Universal Projector Cradle

## Assembly Instructions

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### Before you begin:

- [1] Remove tile from suspended ceiling. (Beware of falling dust)
- [2] Route projector signal and power supply cables to the opening in the ceiling. Do not connect to PC or power supply at this stage.

### Assemble Projector cradle according to these instructions:

Simple 5 part construction with easy to assemble fixings.

- [1] Assemble hanger to top plate using three M10 nut and bolts. Make sure the tabs on the top plate are pointing downwards as shown. [pic 1]

- [2] Attach cradle to the hanger using M8 fixings. Make sure both legs are positioned on the outer face of the cradle. (pic 2)

- [3] Place digital projector on cradle. If inverted, make sure the control panel is positioned above the access panel. Locate the two braces inside the cradle as shown, lower these to retain the projector. Secure using M4 fixings. [pic 3]

### Fit the safety wire and cradle:

- [1] Select a solid surface for fixing safety wire and bracket assembly e.g. reinforced steel joist (RSJ), wooden joist or reinforced concrete ceiling [pic 4]

- [2] Fix the anchor bracket and safety wire assembly to surface using screw fixings provided. For timber joists simply insert screws directly. For reinforced concrete, drill holes with 8mm Ø masonry bit, insert raw plugs and screw anchor bracket in place. For RSJ, carefully drill 4mmØ pilot holes through steel section and use self tapping screws. [pic 5]

- [3] Standing on a ladder, place the cradle into the tile opening, carefully positioning tabs of Top Plate onto the 'T' section supports of the suspended ceiling as illustrated. (Make sure tabs are located securely over the ridge) [pic 7]

- [4] Thread wire through the holes in the top plate as shown. Return the cable vertically and secure in place using the horseshoe clamp provided. [pic 6]

- [5] In order to replace the tile without interfering with the hanger legs, align the tile with the void in the ceiling. Then mark out the position of two 10mm wide channels which correspond with the hanger legs, leading in from one edge. Carefully cut out these using a panel saw. [pic 8] Replace tile into suspended ceiling after cradle has been fitted.

- [6] Place Projector to sit in cradle and secure in place by lowering the two adjustable braces.

- [7] Connect cables and switch on power

