

### Setting Up A Topper

For the purposes of identification, the rear of the Pan & Tilt head is the face containing the connectors. When viewed from the top, anti-clockwise movement is left, and clockwise movement is right.

The Topper Pan & Tilt Head is fitted with external pan and tilt limit stop cams (continuous rotation is on the tilt only). These cams actuate an internal micro switch via a rocking spigot. This system provides an accurate and simple method of limit stops which are extremely easy to set. It is not necessary to power down or gain access to the internal mechanism of the pan & tilt head to set up the limit stops

To set both pan and tilt limit stops, the following procedures need to be followed.

### To set the panning angle of travel (Non continuous rotation)

Drive the pan & tilt head to the extreme right hand position required. Release the right stop cam clamp screw. Slide the stop until it engages and actuates the micro switch drive spigot. Tighten the stop clamp screw, and ensure the spigot is held in its actuated position. Now drive the pan & tilt unit to the extreme left hand position required. Release the left stop cam clamp screw. Slide the left stop until it engages and actuates the micro switch drive spigot. Tighten the stop clamp screw, and ensure the spigot is held in its actuated position. Drive the pan & tilt unit to the extreme limits of travel in both directions and check operation of the limit switches. Re-adjust if required.

### To set the tilt angle of travel (all models)

Follow the same procedure as used to set the pan stops, but substitute function right to up and left to down.

# MAD Ltd

## Topper Range of Pan & Tilt Heads

## User Manual

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