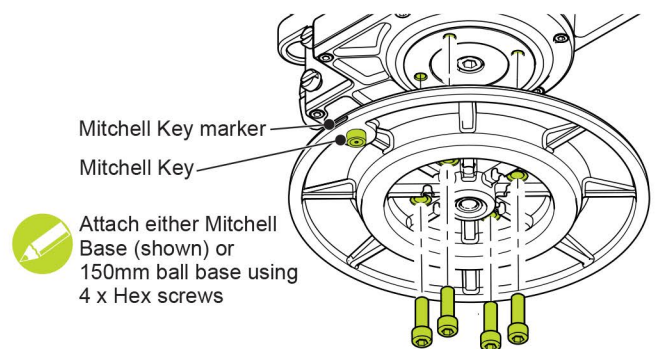
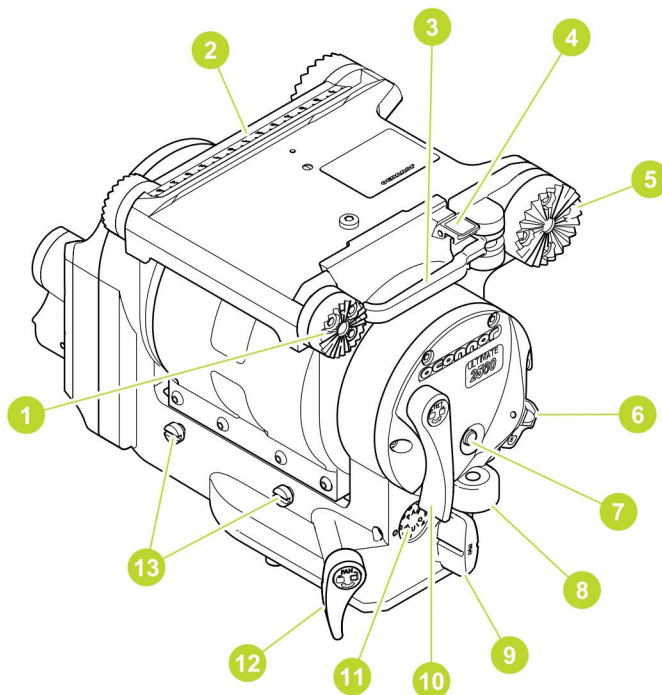




## Components

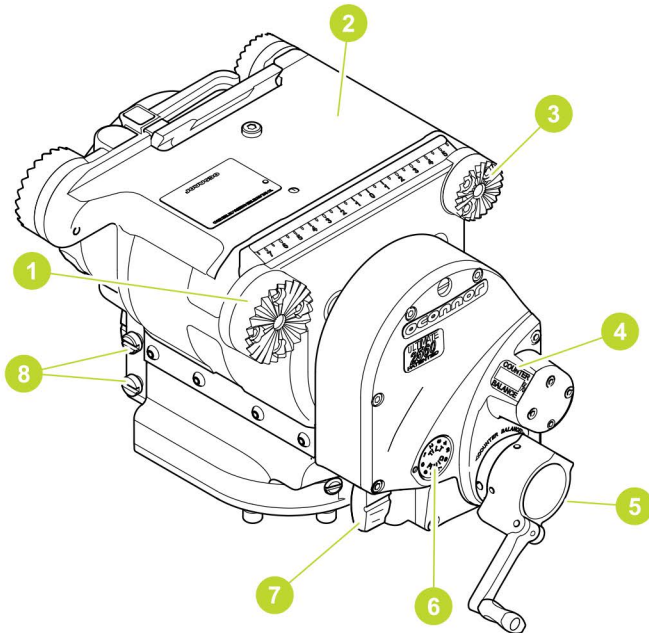
### Front View



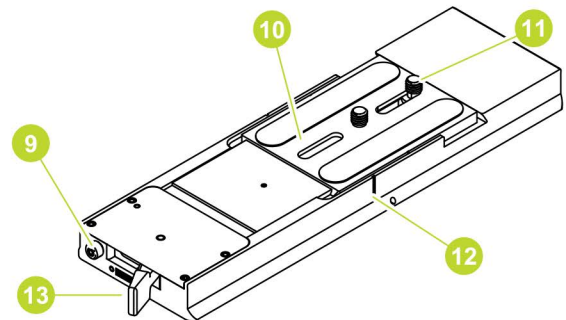
|    |                                                    |
|----|----------------------------------------------------|
| 1  | Front end handle / accessory mounting rosette      |
| 2  | Slide plate scale                                  |
| 3  | Platform release lever                             |
| 4  | Platform release lever safety catch                |
| 5  | Rear large pan handle / accessory mounting rosette |
| 6  | Tilt centre lock                                   |
| 7  | Bubble illumination button                         |
| 8  | Bubble level                                       |
| 9  | Pan fluid drag adjustment knob                     |
| 10 | Tilt lock lever                                    |
| 11 | Pan fluid drag display                             |
| 12 | Pan lock lever                                     |
| 13 | Front box mounting screws                          |

## Components

### Rear View



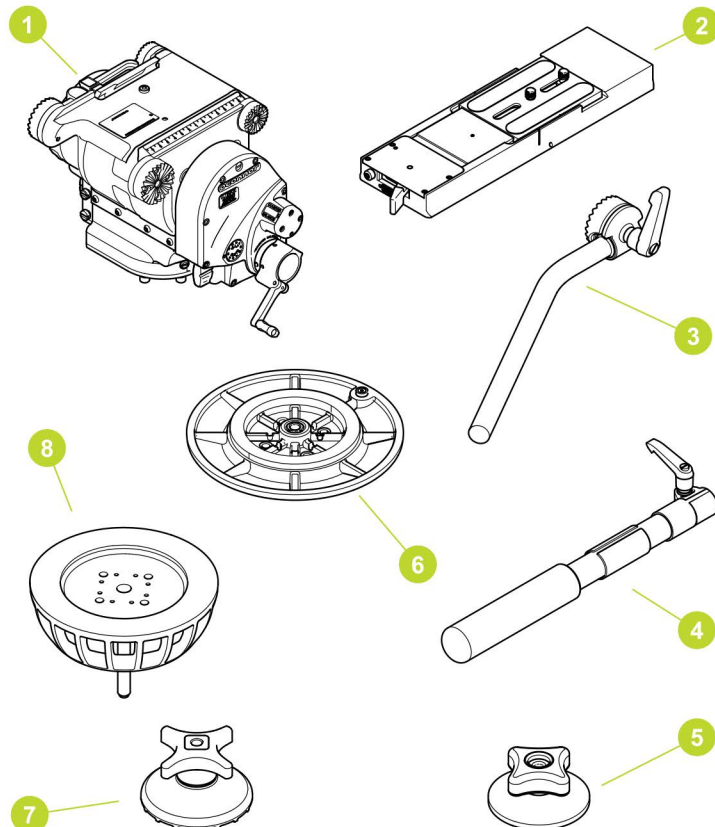
### Euro Style Quick Release Plate



|    |                                                     |
|----|-----------------------------------------------------|
| 1  | Rear large pan handle / accessory mounting rosette  |
| 2  | Platform                                            |
| 3  | Front small pan handle / accessory mounting rosette |
| 4  | Counterbalance numerical display                    |
| 5  | Folding counter balance adjustment crank            |
| 6  | Tilt fluid drag display                             |
| 7  | Tilt fluid drag adjustment knob                     |
| 8  | Eyepiece leveller mounting screws                   |
| 9  | Camera plate clamp release lever                    |
| 10 | Camera mounting plate                               |
| 11 | Camera fixing screws                                |
| 12 | Slide plate marker                                  |
| 13 | Camera plate clamp lever                            |

## Components

### Box Contents C1260 - 0001



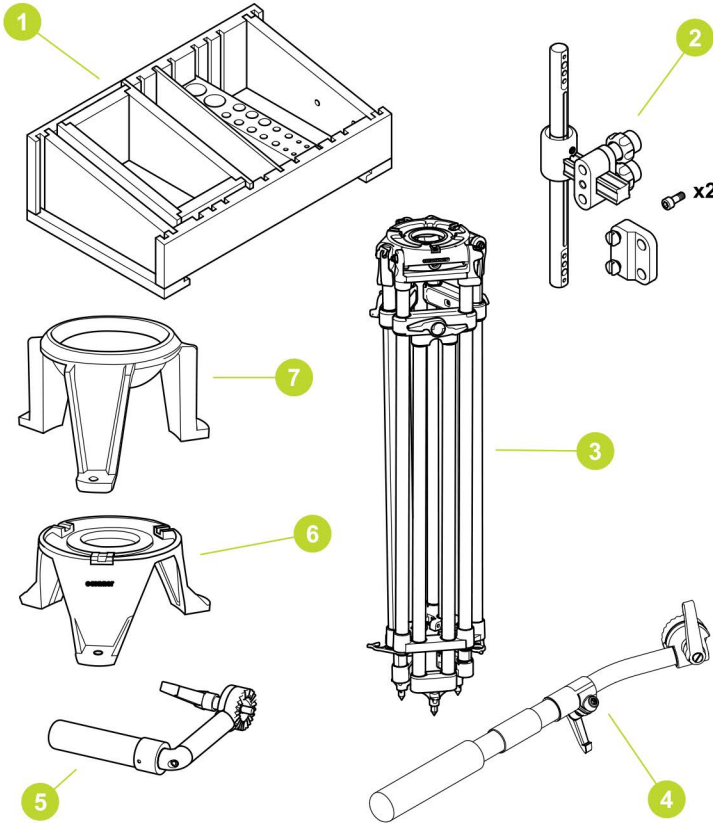
| Item | Description                    |
|------|--------------------------------|
| 1    | 2560 head                      |
| 2    | Euro style quick release plate |
| 3    | Pan handle                     |
| 4    | Pan extension handle           |
| 5    | Mitchell tie down              |
| 6    | Mitchell base assembly         |
| 7    | 150mm tie down                 |
| 8    | 150mm base assembly            |

\*Variant C1260-0002 consists of head only.



## Components

### Optional Accessories



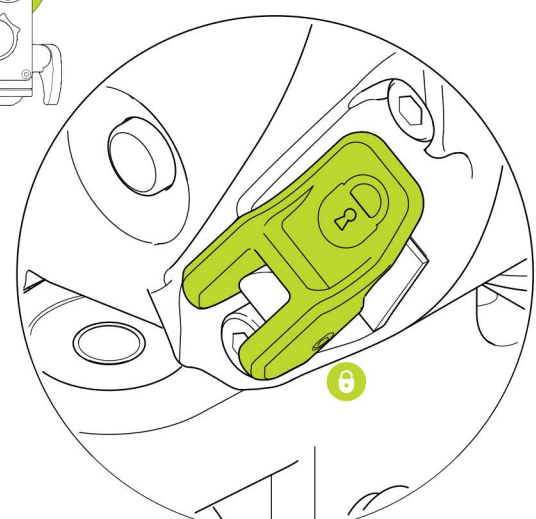
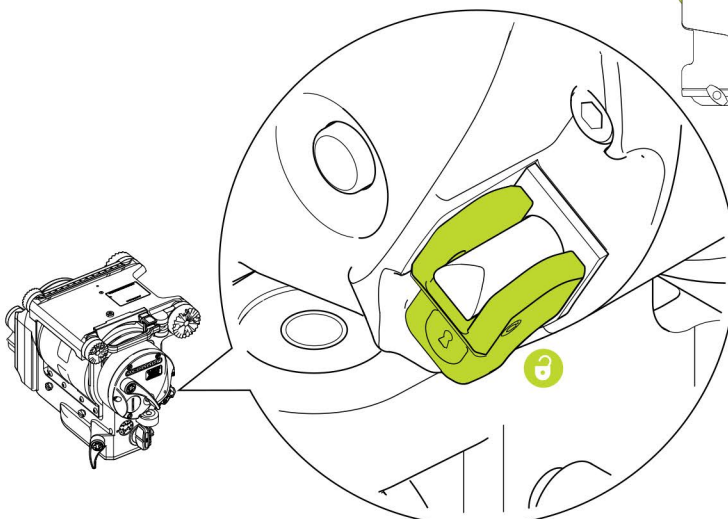
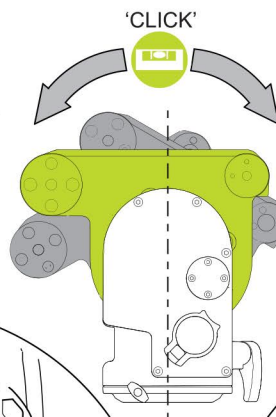
| Item | Description                     | Part No.     |
|------|---------------------------------|--------------|
| 1    | Assistants box                  | CSE-MFB100   |
| 2    | Eye piece leveller              | C1504-1000   |
| 3    | <b>Tripods</b>                  |              |
|      | Cine HD Mitchell                | C1221-0001   |
|      | Cine HD 150mm ball base         | C1221-0003   |
|      | Cine HD Baby Mitchell           | C1221-0002   |
|      | Cine HD Baby 150mm ball base    | C1221-0004   |
| 4    | Pan handle                      | 08409        |
| 5    | Front handle                    | C1260-1010   |
| 6    | High hat Mitchell               | C1250-0001   |
| 7    | High hat 150mm                  | C1250-0002   |
|      | OConner plate (Not shown)       | 08283        |
|      | Arri plate dovetail (Not shown) | 2575 - 210   |
|      | Arri platform plate (Not shown) | C2575 - 0240 |
|      | Large pan handle (Not shown)    | 2575 - 107   |

## Installation



Ensure the tilt lock is engaged and camera and all accessories are fitted.

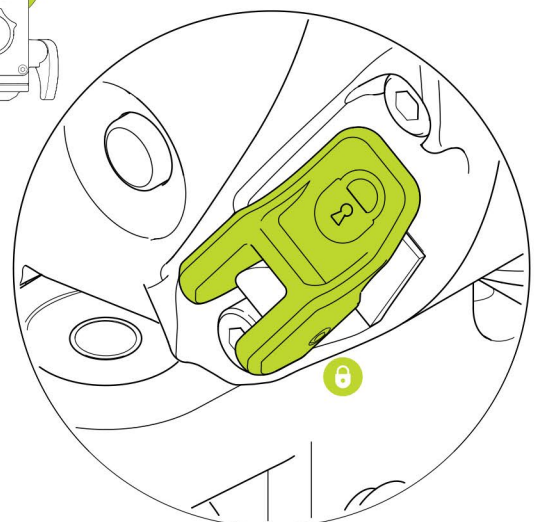
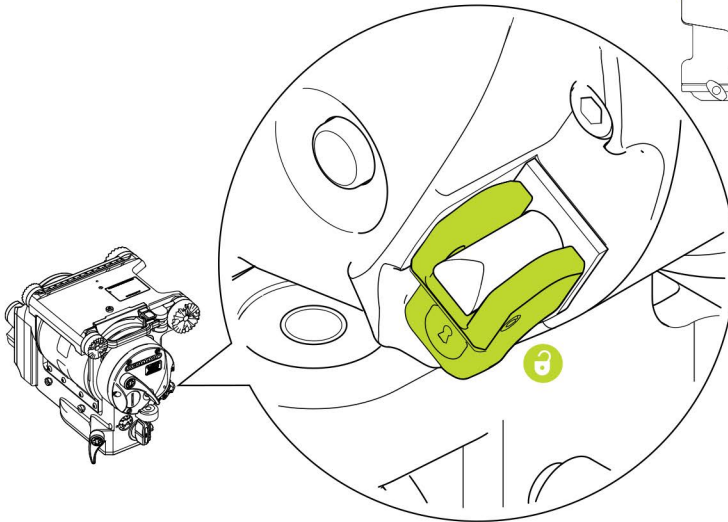
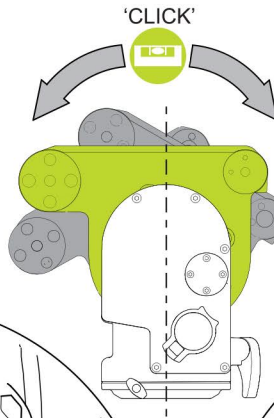
Lift the tilt lock lever, it will rest in a neutral position.  
(Do not try to force all the way back)  
Rotate the camera plate through the horizontal plane until an audible click is heard as the lock pin engages.





Ensure the tilt lock is engaged and camera and all accessories are fitted.

Lift the tilt lock lever, it will rest in a neutral position. (Do not try to force all the way back)  
Rotate the camera plate through the horizontal plane until an audible click is heard as the lock pin engages.



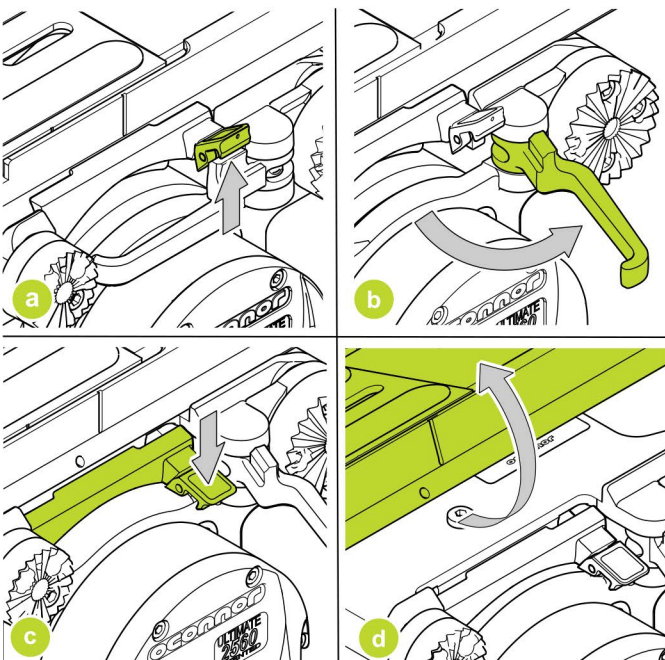
## Mounting the Camera

The camera is attached to the head by means of a side loading platform mechanism.

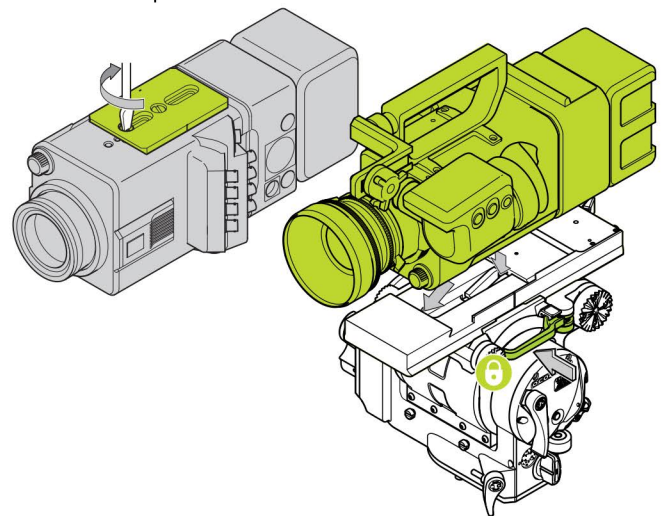


**WARNING!** Before fitting or adjusting the camera or payload the tilt lock pin must be engaged. See "Installation" on page 9.

1. Release side loading platform if fitted.



2. Attach the mounting plate securely to the bottom of the camera in the desired position.



3. Engage the tilt lock pin.

4. Release the safety catch and pull out the platform release lever.

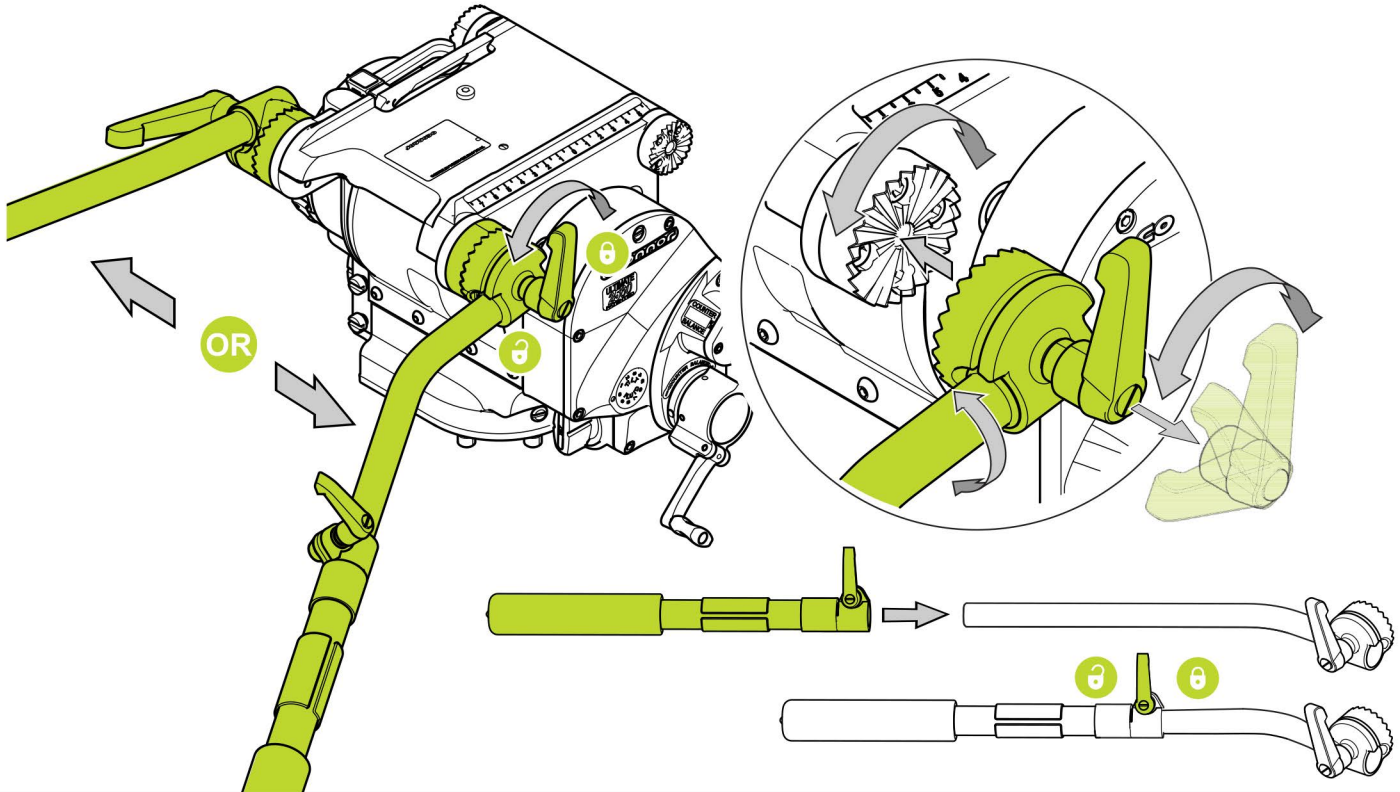
5. Slide the camera mounting plate on to the platform towards the right side of the head until an audible "click" is heard. When the platform hook engages the camera mounting plate, the plate is captive, but not locked.

6. Engage the base plate with the mounting plate. Slide the camera and plate to the required position and lock by closing the platform release lever.



### Fitting the Pan Handle

Pan Handle / accessory mounting rosettes are located at the front and rear of the head, on both the left and right sides.



## Installation

### Fore/Aft Balance

Ensure that the head is level before balancing. The camera and payload should be fitted on the head, so that the load is balanced. This can be achieved by moving the camera forwards (Fore) or backwards (Aft) on the cradle.



**WARNING!** When balancing the payload, it is important to be aware of the potential danger that an unbalanced payload will fall away suddenly. Maintain a firm hold on the payload until the balance is set correctly.



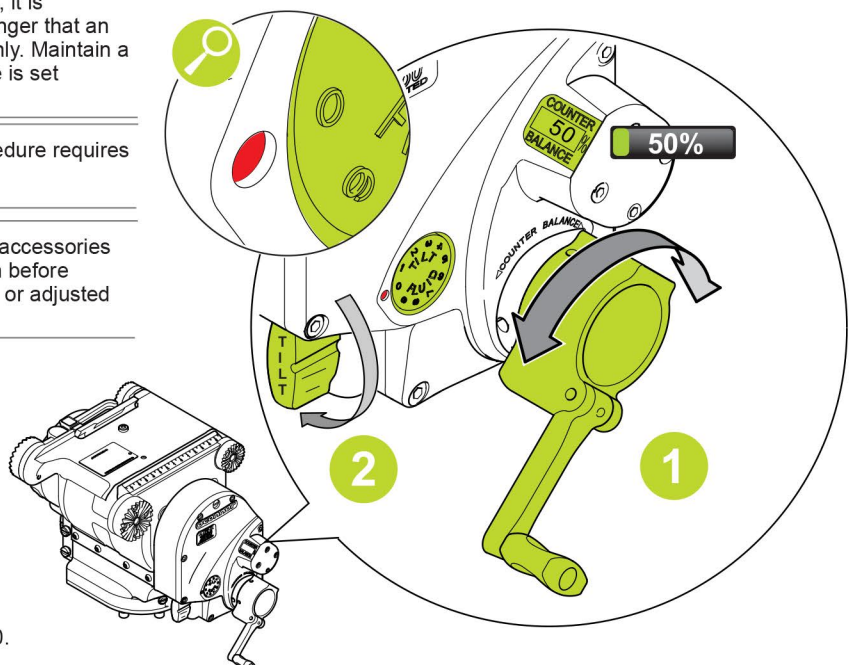
**WARNING!** The payload balancing procedure requires the assistance of another person.



**CAUTION!** The camera, handles and all accessories must be fitted in their operational position before balancing the head. Any equipment fitted or adjusted later can unbalance the head.



Depending on the payload weight, it may be necessary to increase or decrease this setting to enable the payload to be correctly balanced fore and aft.



1

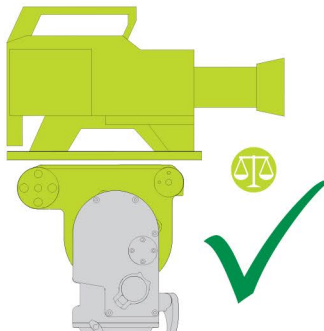
Turn the counterbalance crank to set the counterbalance to 50%.

2

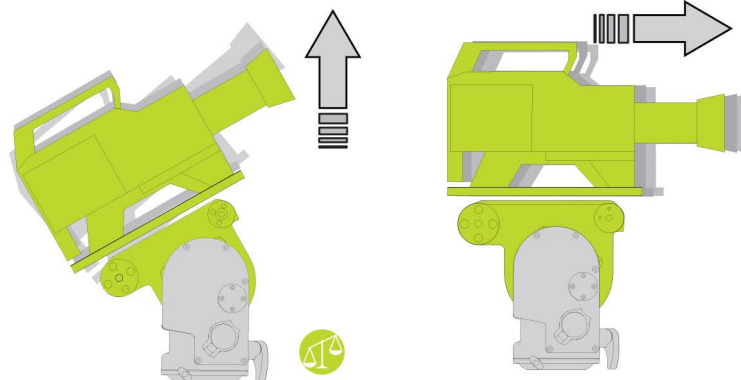
Set the tilt fluid drag adjustment knob to 0.

## Installation

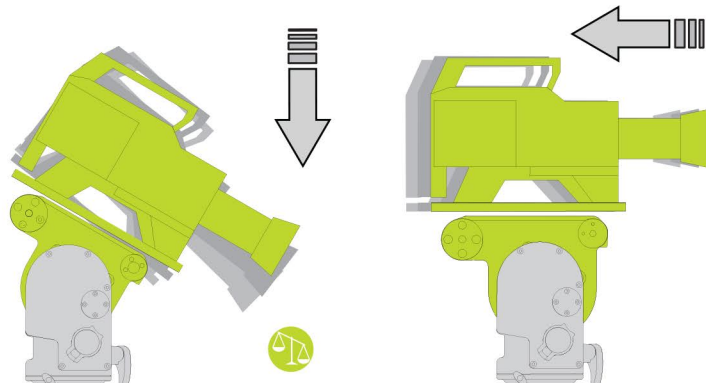
- 3** Hold and steady the camera, then disengage the tilt lock and observe how it moves and where it stops.



If the camera cradle stops in a horizontal position (camera pointing directly forward), the balance is correct.



If the camera tilts backwards (points upward), then the camera must be moved towards the front of the head (fore).



If the camera tilts forward (points downwards), then the camera must be moved towards the rear of the head (aft).

- 4** Reposition the camera as required on the head and secure in position. The horizontal balance is correct when the camera cradle comes to rest in a horizontal position.

If there is insufficient movement in the sliding plate to achieve balance, remove camera and plate from the head, reattach the mounting plate to the camera in the required position, remount the camera and plate, repeat the balancing procedure.

## Installation

### Payload Weight and C of G Height Adjustment



**WARNING!** For safe and reliable operation the head and all mounted equipment must be correctly balanced.



If the correct numerical balance setting of the payload is known, tilt the platform to the horizontal position and turn the counterbalance crank until the display shows the correct setting.

Maximum and minimum payloads that can be balanced are dependent on the weight of the camera and accessories and on the centre of gravity (C of G) height. The graph below shows the range of loads and C of G heights that can be maintained in balance. The counterbalance can be adjusted all the way to zero (no counterbalance) and the head can still be tilted  $\pm 90^\circ$ .

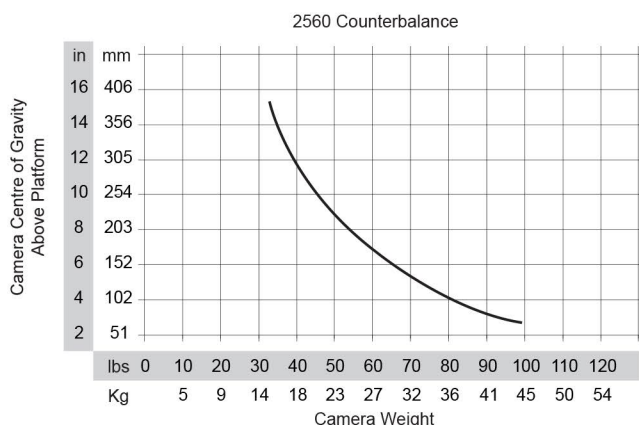
### Numeric Display

The numeric display indicates the setting of the counterbalance mechanism on a scale of 0-99%. Adjust the counterbalance crank clockwise to increase the counterbalance setting and counter clockwise to reduce it.

The display has a three color coded band offering advance warning of cranking to the end limits.



**CAUTION!** When cranking into the red zone be careful to stop before reaching either 0 or 99% as damage could occur.

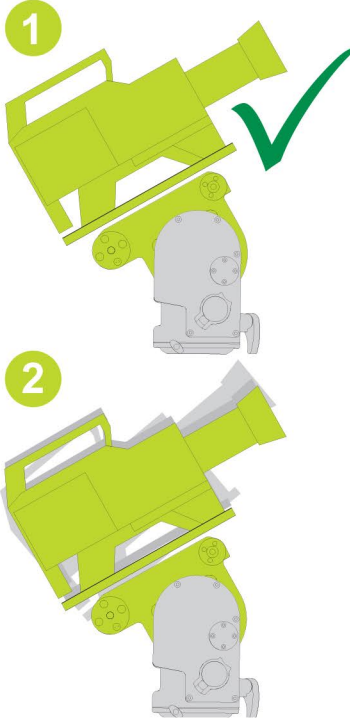




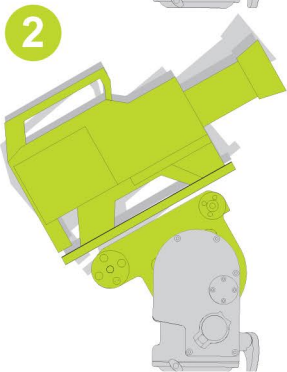
### Adjusting the Counter Balance



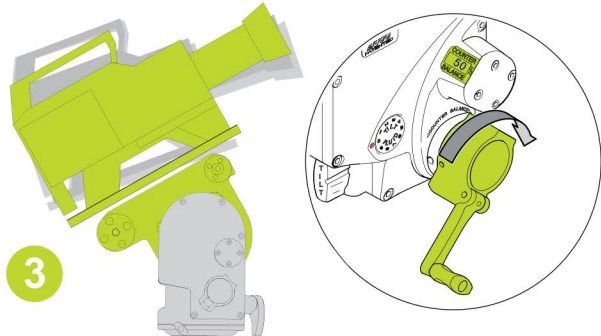
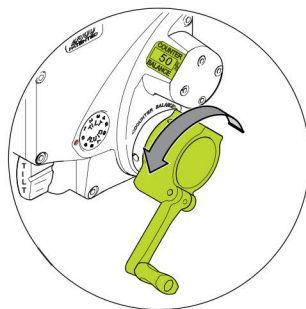
**CAUTION!** Risk of damage to equipment. Be prepared to prevent the camera from falling away suddenly



Tilt the camera approx. 45° upward and release it. If the camera stays in the same position when released, the camera is correctly balanced with the C of G on the tilt axis.



If the camera continues to move towards the horizontal after releasing the camera cradle, reduce the counterbalance.



If the camera keeps falling back towards the vertical position when released, increase the counterbalance.

Tilt the camera over the TDC, it should remain stationary at any angle.

If the camera angle falls or rises, repeat the alignment procedure until balance is achieved.

After adjusting the counterbalance, it may be necessary to check that the fore and aft balance remains satisfactory. Readjust the position of the camera horizontally on the camera plate as required.

After balancing, exercise the head through both axes to confirm that it operates smoothly.

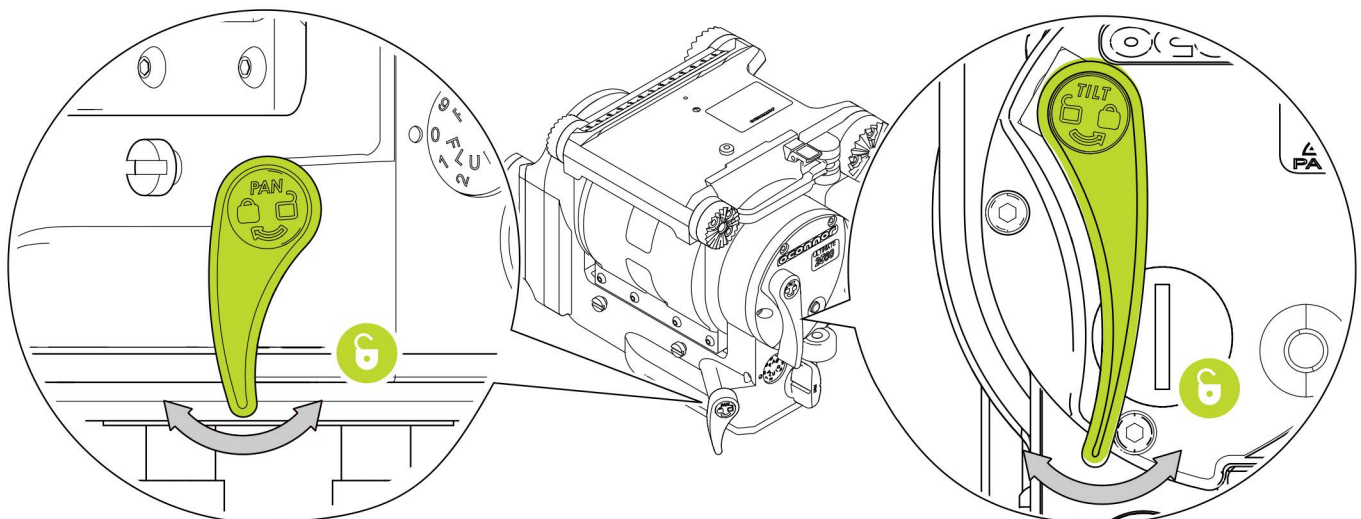


The sliding plate is marked and the platform has graduations. Make a note of the "balanced" position to simplify rebalancing this particular payload.

## Operation

### Operating the Pan and Tilt Locks

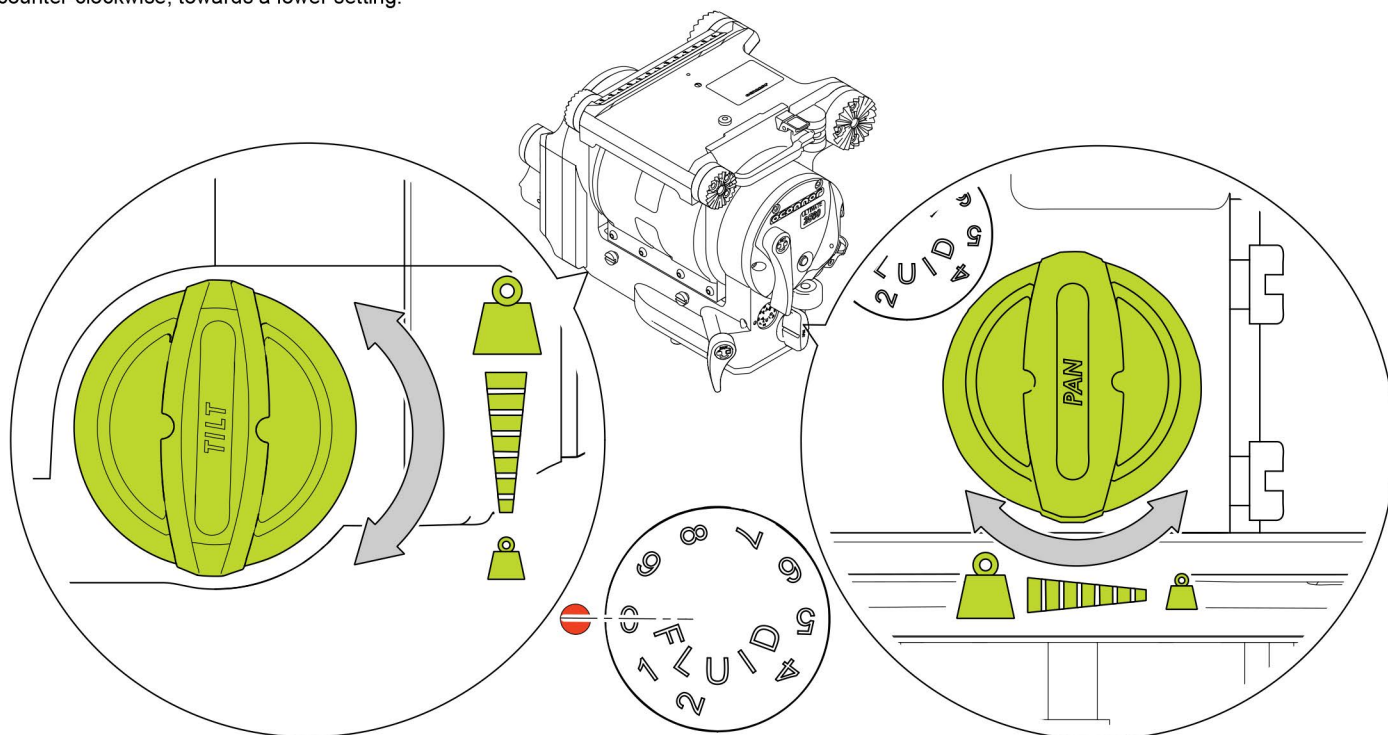
The pan and tilt friction locks are operated by levers on the left of the head. The locks should be applied whenever the camera/head is left unattended.



After prolonged use, if the lock does not fully engage at the end of the lock lever travel, refer to **Adjust Lock Levers** on page 19. The levers are designed so they can be released simultaneously with one hand.

### Pan and Tilt Fluid Drag

The pan drag adjustment knob is located on the lower right rear of the head, and the tilt drag adjustment knob on the lower left of the head. Both controls are continuously adjustable from 0 to 9. To increase drag, turn the knob clockwise, towards a higher setting. To decrease drag, turn the knob counter-clockwise, towards a lower setting.

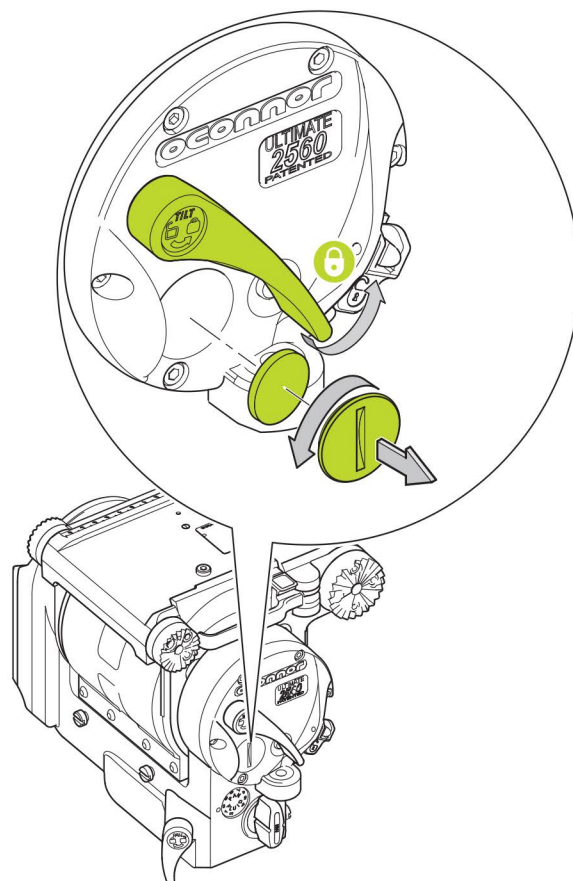


## Maintenance

### Battery Replacement

The battery illuminates the bubble level. It should be replaced whenever the illumination becomes inadequate.

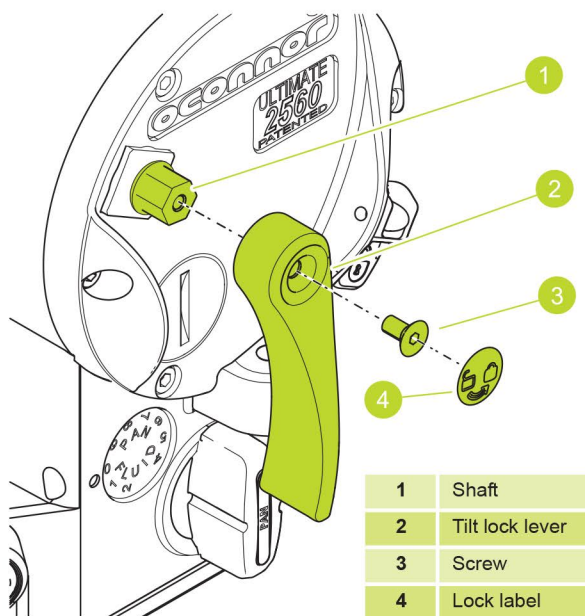
1. Use a coin or flat blade screwdriver to unscrew the battery cover.
2. Carefully pull the battery out of its compartment.
3. Fit a replacement CR 2032 3v battery in the compartment, ensuring that the positive side (+) of the battery faces outermost.
4. Replace the battery cover and tighten using a coin or flat blade screwdriver.
5. Press the bubble level illumination button and verify that the bubble level is lit for approximately 20 seconds.





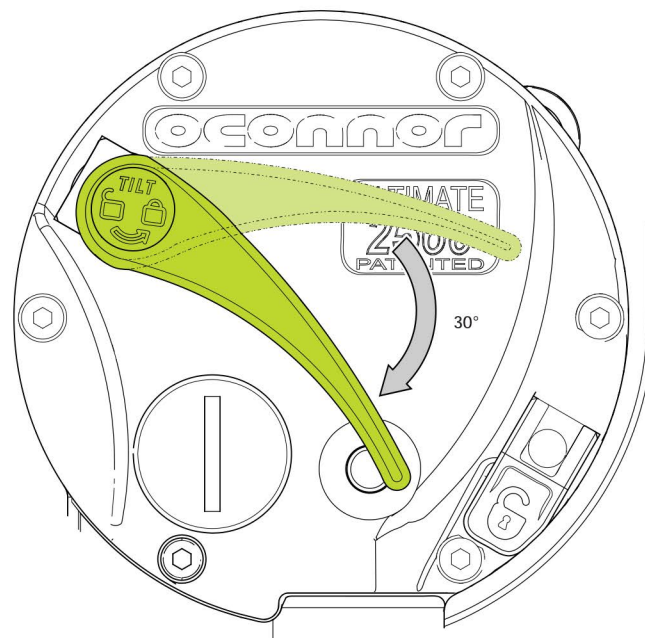
### Adjust Lock Levers

If the pan and/or tilt friction locks do not fully engage at the end of the lock lever travel, adjust the lever position as follows:



1. Rotate the lock lever to the "locked" position.
2. The lock lever is attached by means of a screw. Carefully peel off the lock label to expose the screw. Using a 2.5 mm Allen key remove the screw.

3. Pull the lock lever off the hexagonal shaft, rotate it approx. 30° away from the "locked" end of travel, and reinstall it.
4. Tighten the screw. Reapply the lock label.



## Technical Specification

### Physical Data



**Height**  
20.3 cm (8 in.)



**Width**  
28.7 cm (11.3 in.)



**Depth**  
19.1 cm (7.5 in)



**Weight**  
7.3 kg (16.2 lb)



**\*Maximum payload**  
40.72 kg (90 lb)



**Tilt**  
±90° throughout entire counterbalance range, zero to max.



**Storage temp.**  
-40°C to +60°C  
(-40°F to +140°F)



**Operating Temp.**  
-40°C to +60°C  
(-40°F to +140°F)



**Bubble level**  
Illuminated



**Battery**  
Type: 1 x CR 2032 3v

### \*Capacity:

@100mm (4 in) 37.7 kg (83 lb.)

@152mm (6 in) 29.5 kg (65 lb.)

@ 203mm (8 in) 24.1 kg (53 lb.)