

Notes on Using the VIVID 9i on a Tripod (Balance Adjustment)

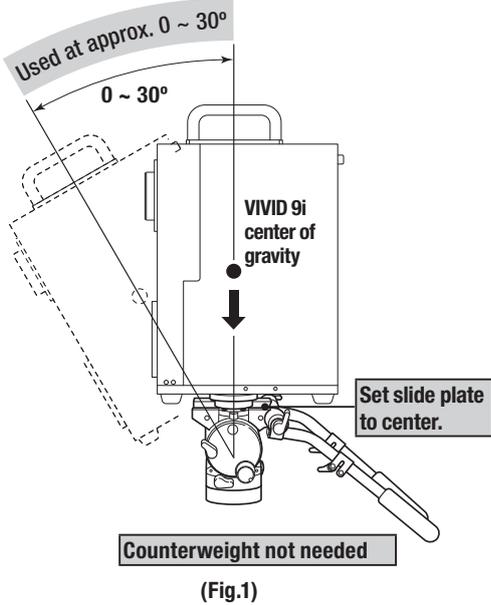
In order to stably lock the VIVID 9i to a tripod and use it, the tilt balancer tightness and slide plate must be set in the correct positions, and the balance must be adjusted using the counterweight.

* The VI-9i is model name for Europe and the VIVID 9i is model name for other countries.
Please note that the VIVID 9i model name is intended only for reference with this sheet.

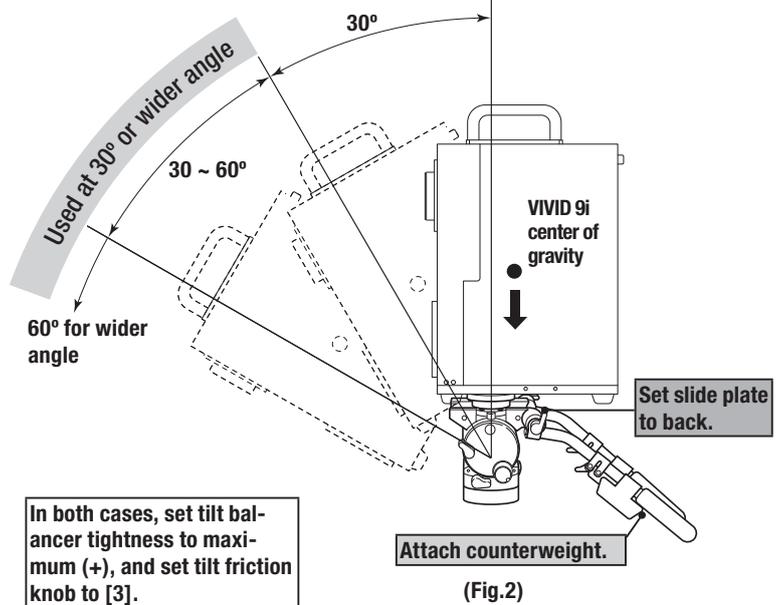
• Setting the VIVID 9i to the Desired Posture and Attaching the Counterweight

* The following information and figures are for setup reference only.

When used in the upright position



When tilted forward for use



In both cases, set tilt balancer tightness to maximum (+), and set tilt friction knob to [3].

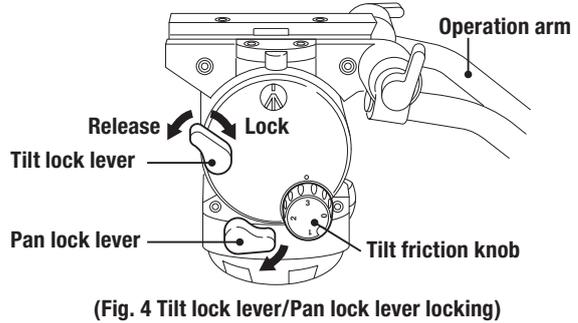
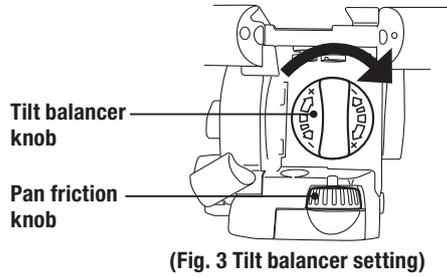
Procedure

- 1 Set the tilt balancer to the tightest position.**
 - Turn the tilt balancer knob clockwise (+ direction) to increase tightness, and set tilt balancer tightness to maximum.
- 2 Tighten the tilt lock lever and the pan lock lever until locked.**

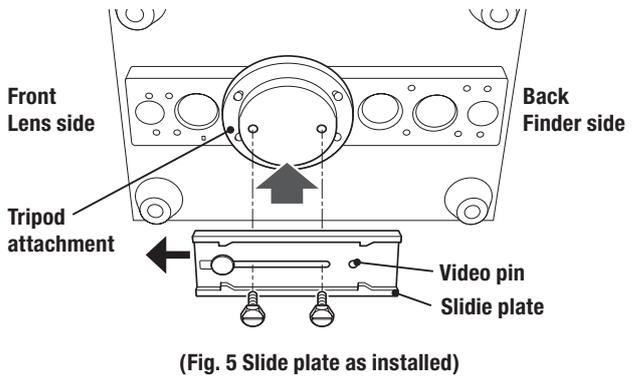
Note

- Excessively tightening the tilt lock lever and the pan lock lever can break it.

- 3 Set the tilt friction knob to [3], and the pan friction knob to [2].**



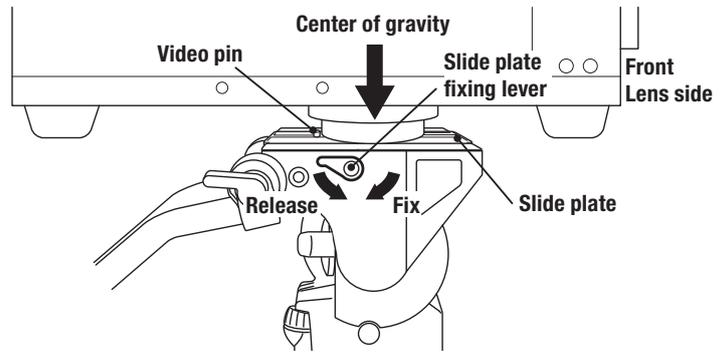
- 4 Attach the tripod attachment to the bottom of the VIVID 9i, then attach the slide plate to the tripod attachment.**
 - Attach the tripod attachment with the finder to the video pin side.
 - To tilt the VIVID 9i forward in use, shift the VIVID 9i to the back as much as possible before attaching the tripod attachment. Also, the tilt must be kept balanced. To do this, attach the slide plate so that its video pin is as close to the tripod attachment as possible.



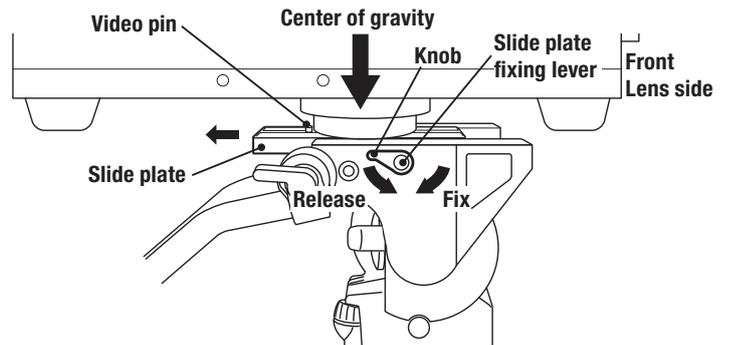
5 Attach the VIVID 9i to the video head.
Insert the slide plate into the front of the camera platform.

Note

- Keep the video head horizontal when attaching the VIVID 9i.
- To use the VIVID 9i in the upright posture (Fig. 1), lock the slide plate in the center of the video head. (Set the VIVID 9i so that its center of gravity and the center of the tripod attachment are over the center of tilt rotation.)
- To tilt the VIVID 9i forward in use (Fig. 2), shift the slide plate to the back until in the lock position and lock in place. The slide plate will protrude 25 ~ 30 mm from the edge of the VIVID 9i, but there is nothing wrong.



(Fig. 6 Slide plate position for upright posture)

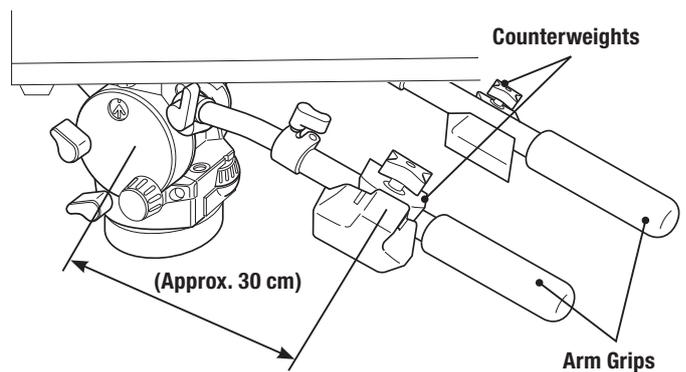


(Fig. 7 Slide plate position for forward-tilted posture)

6 Attach counterweights to each of the two operation arms.

Only to tilt forward for use

- Attach the counterweights just in front of the arm grips on the operation arms.
- Finely correct the position of the counterweights if necessary.



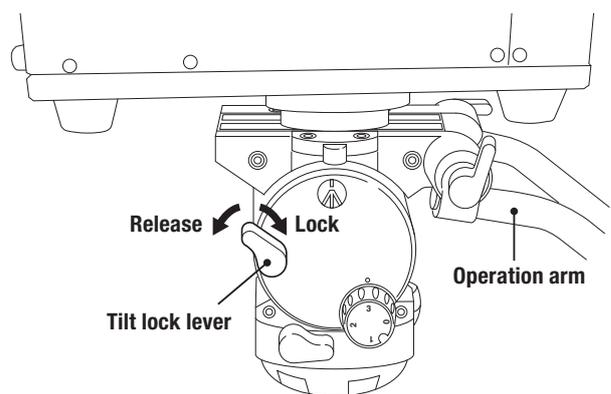
(Fig. 8 Counterweights in attached positions)

7 Release the tilt lock and move the operation arms so that the VIVID 9i is at the desired tilt angle.

- Once having determined the tilt angle, check the VIVID 9i is stable and lock the tilt lock.

Note

- Excessively tightening the tilt lock lever can break it.



(Fig. 9 Releasing and locking the tilt lock)

- If the VIVID 9i is set upright with the counterweights attached (operation arms are almost horizontal), the center of gravity shifts to the where the counterweights are attached, which can unbalance the VIVID 9i. Before setting the operation arms to the horizontal position (i.e., for calibration, attaching and detaching), tighten the tilt lock lever and check the operation arms are locked in place.
- To detach the counterweights, set the operation arms to the horizontal position so that the VIVID 9i is almost in the upright position, tighten the tilt lock lever, then carefully detach the counterweights while watching to make sure the VIVID 9i does not fall forward.