

Celestron 11" SCT Counterweight Set Instructions

To properly balance your C11 telescope, you need to add counterweights to both the top and bottom of the optical tube. The bottom part of this weight set includes a sliding bar which allows balance from front to back. The top weight is necessary to achieve accurate balance.

Parts List

- 2) *Stainless Steel Top Weights (small and large)*
- 1) *Bottom Weight*
- 3) *Mounting Brackets*
 - 1) *Slide Rail*
 - 1) *Threaded Rod*
- 6) *Long Hex-Head Screws*
- 2) *Short Hex-Head Screws*
- 1) *Hex-Head Wrench*

Attaching the Top Bracket

Remove the two screws from the top front of the optical tube. Attach one of the curved mounting brackets using two of the longer hex-head screws. The small and large weights included with the counterweight set can be threaded into this bracket in any combination to properly balance the telescope.

Attaching the Bottom Brackets and Rail

Remove two screws each from the bottom front and bottom rear of the optical tube. Use two longer hex-head screws to attach the front bracket, and the two shorter screws for the rear bracket. Attach the slide bar using the remaining two longer screws. Install the threaded rod and counterweight onto the slide bar.

Balancing the Telescope

Loosen the altitude clutch on the telescope. Point the telescope vertically. Add or remove top counterweights to balance the telescope vertically. If you have a heavy item on top of the scope already, you may not need the top weights. Instead, use the bottom threaded counterweight to balance vertically.

Next, point the telescope horizontally and slide the bottom counterweight forward or backward to balance any heavy accessories (such as eyepieces or a camera) at the back of the telescope. For more information see: http://starizona.com/acb/basics/using_balancing_fork.aspx