

# DiscMounts, Inc.

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## **DM-6 QUICK SET UP!**

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### Mount

Position the mount so when looking at the blue logo the Altitude axis with the saddle installed is to the left. Slide the top cover to the right and store the friction-adjusting wrench on the magnet located inside the box just to the left of the logo. Close the top cover. A spring loaded locking pin will hold the cover in place.

Spin the mount so that the saddle is in front. The saddle knobs and the two small Starbeam adapter holes should be on the top. Tilt the telescope with the dovetail mounted on its rings into the saddle. Lock the telescope in place with the knobs on the saddle (make sure the dove tail plate is centered in the saddle). The telescope objective should be to the left and the eyepiece to the right.

### Balance and friction adjustment

For the initial set up it is easier if the top plate and the back plate are removed. Looking inside the box you will see two large nuts, one on the Altitude shaft and one on the Azimuth shaft. These nuts are the friction adjusting nuts for each axis.

### Altitude Axis

Using the friction adjusting wrench (located inside and attached to the magnet) loosen the Altitude axis (the top axis) friction nut until the axis turns freely. With diagonal or bino viewer installed (no eyepiece) slide the telescope in its rings until it is balanced and does not turn on the axis. Now mark the position of the telescope tube in its rings (a piece of tape will work). Install your heaviest eyepiece (two if binos). Move the focuser a little past focus. Again slide the telescope in its rings until it is balanced and mark the tube. Now slide the telescope half way in between the two marks and tighten the rings. Now tighten the Altitude axis friction until the telescope stops turning but no more. Remove the eyepiece and insure the telescope is staying in place. Add just a little friction to allow some margin in focus travel. You should be able to remove or install any eyepiece lighter then your heaviest eyepiece with out the telescope moving.

### Azimuth Axis

The Azimuth axis should be adjusted with a little more tension then the Altitude axis! There should be enough tension to insure the disc are pulled together and not held in place just by the weight of the mount. To little friction will result in vibration caused by the axis jumping, rather then sliding on the friction disc.

Minor adjustments may be required until the mount breaks in. Install the covers. Make sure the notch in the top cover is on the same side as the locking pin.

Have fun and clear skies!