

GIBRALTAR MOUNT INSTRUCTIONS

Introduction & Use:

Gibraltar™ is an alt-azimuth mount designed for all Tele Vue refractors. The Gibraltar Mount Head cradles the telescopes at their center of gravity to make operation smooth and easy. It can also accept the Eyepiece Caddy Set and Sky Tour Computer system.

To achieve smoothest operation it is important to have the telescope properly balanced in its mount ring and the altitude and azimuth tension knobs providing minimal drag.

The tripod legs can position the cradle height from 38" to 62". The triangular accessory tray adds extra stability to the tripod.

Gibraltar is ideal for terrestrial and astronomical viewing, even at 200+ power. It's perfect for today's well-traveled enthusiast.

Set-up:

1) Installing Foot Studs - After removing all packaging material screw the Foot Studs into the bottom of the Leg Extensions.

2) Installing Leg Extension Lock Knobs - Screw Leg Extension Lock Knobs into the metal Leg Clamp bands.

3a) Setting-up on level ground - With the tripod upside down, pull the 3 Leg Extensions to the same height and lock in place with Leg Extension Lock Knobs.

3b) Setting-up on uneven terrain - Proceed as above, then install Tray (step 4). Extend remaining legs until head is approximately level. Lock Leg Extension Lock Knobs. Move on to step 5.

NOTE: The mount only needs to be sufficiently levelled so the telescope swings smoothly in any azimuth orientation.

4) Installing Tray - With tripod right side up, spread apart tripod legs. Install Tray with edge lip up. Insert the stud from one of the hinged Tray Supports through the hole in one corner of the Tray. Secure Tray using one of the plastic Wing Nuts. (Leave Wing Nut slightly loose to ease installation of the remaining Tray Support screws.) Mount Tray on the remaining two supports. Tighten all three Wing Nuts after Tray is in position.

5) Installing Gibraltar Mount Head on tripod - Place the long stud on the bottom of the Gibraltar Mount Head into the hole in the Tripod head. Slip the 2" washer onto the protruding stud. Thread on the large star-shaped knob and hand tighten to secure the mount head.

Adjust the azimuth tension knob until there is a slight amount of tension. Place the cradle in approximately level position as indicated by the altitude alignment marks (drilled hole on one of the side altitude bearings, forming two semi-circles). Tighten the vertical tension knobs.

6) Using the Allen wrench provided, screw the studs into the 2 outer holes of the telescope Mount Ring until they bottom. (Be careful not to overtighten; Mount Ring is aluminum and threads may strip from excessive force multiplied by the leverage of the Allen wrench.)

7) Mounting Telescope - Place the telescope down on the Cradle inserting threaded studs in the telescope mounting ring into cradle holes. Note: orient telescope so Vertical Tension Knobs are closer to the telescope's eyepiece end. Fasten in place with plastic Wing Nuts.

8) Loosen Vertical Tension Knobs and balance telescope so that Vertical Tension Knobs need very little, if any, tightening.

*LEAVE WING NUTS ON STUDS WHEN STORING SCOPE IN CASE

Parts List:

- 1) Gibraltar Mount Head
- 2) Ash Wood Tripod
- 3) Tray
- 4) Parts Bag including: 3 Foot Studs, 2 Mount Ring Studs, 5 Plastic Wing Nuts, 3 Leg Extension Lock Knobs, 1 Aluminum Washer, 1 Large "Star" Lock Knob, 1 Allen (Hex) Key

