

PANORAMIC™ (Advanced) MOUNT INSTRUCTIONS

Introduction & Use

The alt-azimuth Panoramic™ Mount is perfect for our lighter weight scopes. Ideal for terrestrial and astronomical viewing. The mount can be outfitted with encoders (STN-4001) for Digital Setting Circles / Computers and Eyepiece Caddy Set for maximum viewing pleasure.

The Panoramic Mount Head cradles the telescope at its center of gravity, to make operation smooth and easy. Brass bearings with tension adjustments provide a smooth vertical motion from about 17° below the horizon to almost Zenith (85°). To achieve smoothest operation it is important to have the telescope properly balanced in its mount ring, with the altitude tension knobs providing minimal drag. The tripod legs are crafted from solid wood and can position the cradle height from 28" to 46". The legs are tied together by a lightweight head. The triangular accessory tray adds extra stability to the tripod.

The plastic round spanner is used to optionally remove the tripod top platform.

Tripod and Head Set-up

Please refer to the diagrams for part nomenclature.

If setting up on soil, twist the **rubber tips** at the bottom of each leg up to fully expose the metal spikes. On finished or hard surfaces, twist the rubber tips down to fully cover the metal spikes.

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**.

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

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

Installing Tray - With tripod right side up, spread apart tripod legs until they lock. Remove the triangle tray from its box. Unscrew the tray retaining knob at the center of the leg spreaders to reveal a threaded rod. Place the tray between the legs of the tripod so the threaded rod passes through the center hole of the tray.

Installing Panoramic Mount Head - Line up the **3/8" threaded hole** on the head's bottom with the **spring-loaded threaded rod** rising from the tripod base. While holding the head with one hand, twist the **star-knob** below the tripod base with the other hand to tighten the two parts together. **Note:** Mount head can be moved to other Tele Vue tripods or camera tripods by loosening the star knob with one hand while holding the head with the other.

Follow instructions packaged with handle to attach it to the mount.

Mounting Telescope

Swing the Cradle until approximately level and tighten the **Vertical Tension Knobs**. 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.)

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 Knobs.

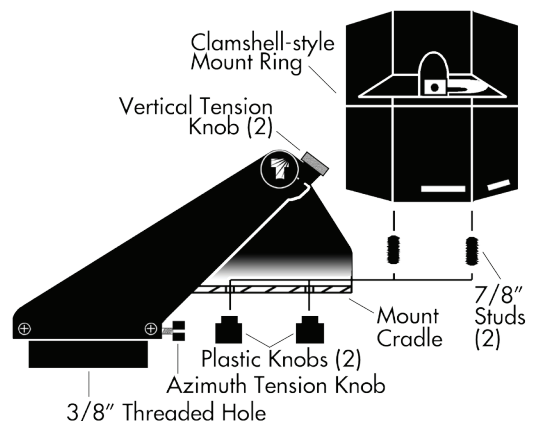
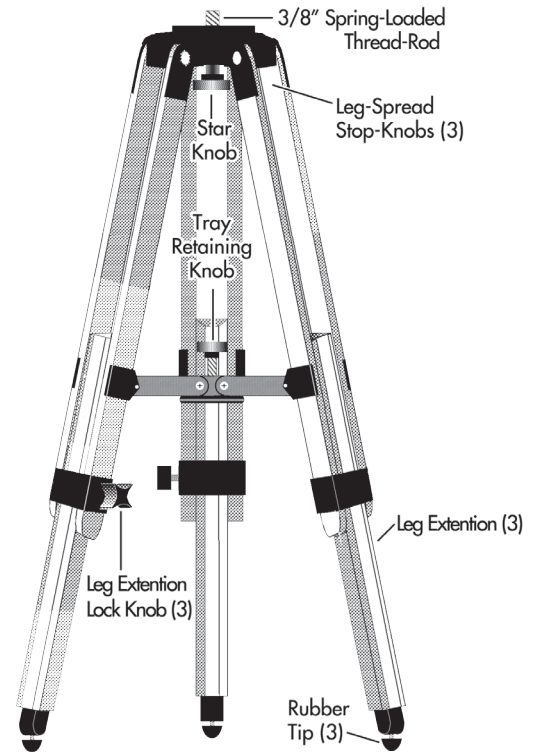
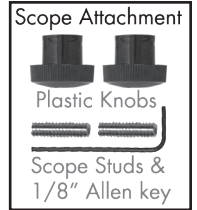
Loosen **Vertical Tension Knobs** and balance telescope so that **Vertical Tension Knobs** need very little, if any, tightening.

Remember, when carrying with or without telescope, the **Mount Head** can easily slip or fall out if the lock knob is loose.

*LEAVE WING NUTS ON STUDS WHEN STORING SCOPE IN CASE TO PREVENT RIPPING FOAM LINER.

Parts Check List

- Panoramic Mount Head
- Wood Tripod
- Wood Tray
- Mount Handle
- Small-Parts Bag includes:
 - (2) Plastic Knobs for scope
 - (2) Studs for scope attachment
 - (1) 1/8" Allen Key
 - (1) Plastic round spanner



WARNING: Rotating the Tele-Pod head while the azimuth tension knob is tightened could cause the azimuth bearing to unscrew and separate.

ver 2019AUG14