

PST
Micro Sky Tracker

Light Weight
Extreme Portable

Shown w/optional AZ Base & PS Bracket

FEATURES

Light & Portable
Only Weight 390g



High Power Capacity
9.25WH Li-Poly Battery





3kg Payload
Precision Worm/Gear

Quick Mode Switching

Solar, Lunar, Sidereal,
Landscape & N/S Hemisphere





Whisper Quiet

iPolar for PA*

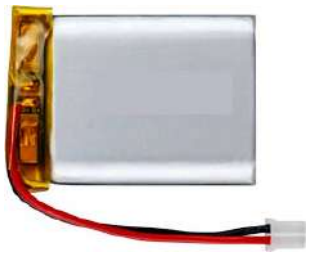
Exquisite Craftsmanship

with CNC
machining



Two Powering Options

Li-Poly Battery



5V PowerBank



FUNCTIONS



Switches

N-OFF-S Switch:
N – Northern Hemisphere
OFF – Power Off
S – Southern Hemisphere

Tracking Speed Switch:
Select one per your object

Arrow Keys ◄►:

1. Short press for fine RA adjustment
2. Press and hold for continuous RA adjustment

LEDs:

N-LED: Tracking in NH
S-LED: tracking in SH
No LED: Power OFF or Low Battery

Charging LED:
ON – Charging
OFF – Fully charged

ASSEMBLY



1. Install AZ/EQ base:
Attach an optional AZ/EQ base to the top of a tripod.
The alternate is to use a ballhead or a tripod with 3/8” or ¼” threaded post.



2. Attach Sky Tracker:
Attach the tracker to the AZ base. Roughly point the tracker to the celestial pole by adjusting the tripod and turning the azimuth and altitude adjustment screws.



3. Release Ballhead Mounting Block:
Release the ballhead mounting block by turning the locking ring counter clockwise. Use an Allen wrench to back out the ballhead locking screw until it is lower than the mounting block surface.



4. Install Ballhead:
Attach the ballhead onto the mounting block and secure it by tightening the 3/8” mounting screw.
Tighten the locking screw to prevent the ballhead unscrewed accidently.



5. Attach Ballhead to Tracker:
Align three protrusion bars on the ballhead block to the grooves on the tracker body. Tighten the locking ring by turning it clockwise.



6. Attach Camera and Initial Composition:
Attach a camera or other imaging equipment to the ballhead via a quick release plate. Ensure it is secured.
Release ballhead locking knobs to point the camera to the target region.





7. Polar Alignment:
Use the “peek hole” on the mount for rough polar alignment.
Use iPolar (left) or AccuAlign optical polar scope (right) for accurate polar alignment with the optional polar scope bracket.



8. Fine Camera Adjustment:
Use ballhead 3D adjustment to fine adjust the camera pointing. Use Arrow Keys on the tracker for fine tune the composition.
Perform gently to avoid mount/tripod move.



9. Start Imaging:
Turn switch to N or S based on where you are located. Select tracking speed for the celestial, landscape, Sun or Moon tracking and imaging. Use a shutter cable or a remote to control the exposure.



10. Use Counterweight Kit:
For best result with a heavy payload, optional counter weight kit is recommended.

DIMENSIONS

