Tele Vue®
Visionary

WARRANTY INFORMATION

We sincerely thank you for your purchase and wish you years of pleasure using it!

Tele Vue Warranty Summary

Eyepieces, Barlows, Powermates, & Paracorr have a “Lifetime Limited” warranty, telescopes & accessories are warranted for 5 years. Electronic parts are warranted for 1 year. Warranty is against defects in material or workmanship. No other warranty is expressed or implied. No returns without prior authorization. Please keep your receipts in case you need warranty service.

Lifetime Limited Warranty details online: http://bit.ly/TVOPTLIFE
5-Year/1-Year Warranty details online: http://bit.ly/TVOPTLIMITED
Subscribe to our Blog for the latest Tele Vue news: https://bit.ly/TeleVueBlog

Keep For Your Records

Dealer: _____ City/State/Country: _____

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SOL-SEARCHER INSTRUCTIONS

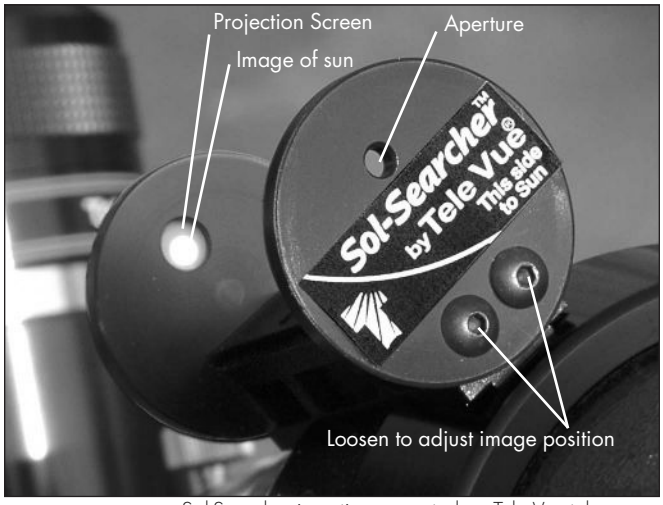
Parts List

Sol-Searcher Unit
(2) 10-32 Socket Head Screws
5/32 Allen Wrench
5/64 Allen Wrench

Introduction

"I can't find the Sun!" Sounds funny. However, the Sun *is* tricky to find in a properly filtered telescope. You don't ever want to chance a direct gaze at the sun, let alone a magnified image of it.

Sol-Searcher is absolutely safe because in order to use it, you look away from the sun. It functions as a projector, with its aperture acting as a "pinhole" to image the sun back on a translucent "screen."



Sol-Searcher in action, mounted on Tele Vue telescope.

Safety

Always make sure your telescope solar filter is safe and secure, finder telescope is covered, and your equipment is not left unattended.

Remember, Sol-Searcher is a projection unit. Do not try to view the sun through the "pinhole" aperture.

Mounting

Place Sol-Searcher into any of the slots in each of the four tube rings offered for Tele Vue telescopes and attach it with the supplied #10-32 screws. In the case of the Tele Vue-60, Sol-Searcher mounts to the dew shield. There are various options for attachment with telescopes other than Tele Vue. If there is a #10-32 threaded hole in the telescope, try mounting the Sol-Searcher using the through holes on the central bar. Due to its light weight, one screw is sufficient to mount it. Sol-Searchers built after October 2023 also have a ¼"-20 tapped hole through the central bar that can be used as a mounting point. One such use is to connect Sol-Searcher to a camera using a camera shoe to ¼"-20 adapter. Hook and loop or similar fastening strips are another option.

Alignment & Use

The aperture acts like a "pinhole camera" to project a bright solar disc onto the ¼" translucent screen in the rear of the unit. You simply center the image on the screen to safely locate the sun, viewing the screen from either side.

1) After Sol-Searcher is mounted, center the projected image of the Sun in the translucent screen.
2) Look through your widest field eyepiece. You should see at least a portion of the sun. (Please note that it is unlikely you'll be able to so accurately align Sol-Searcher so that the Sun is precisely centered. Sol-Searcher is for "capturing" the sun.)
3) If the sun was not in the field, or you want to try to align the image better, simply loosen the button head screws on the front and move the disc (the holes are oversized) to align the sun while it appears centered in the telescope. Retighten the button head screws.

Care

If necessary, the projection screen can be cleaned with a camel hair brush or cotton swab with Windex. Use very gently to prevent pushing out the projection screen.

NOTE: Should the projection screen get poked out, please call Tele Vue.

ver:20OCT2023

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