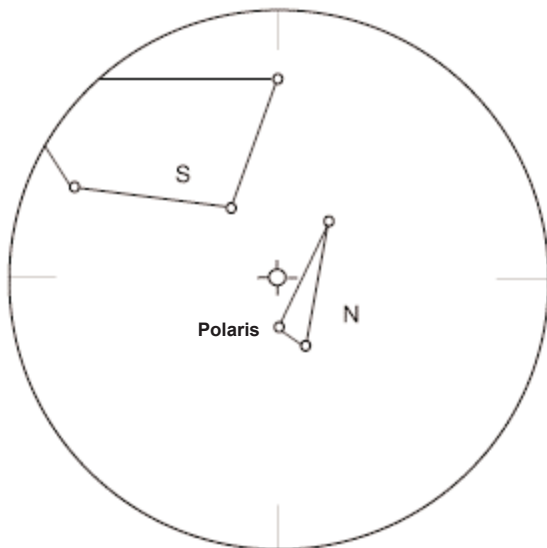
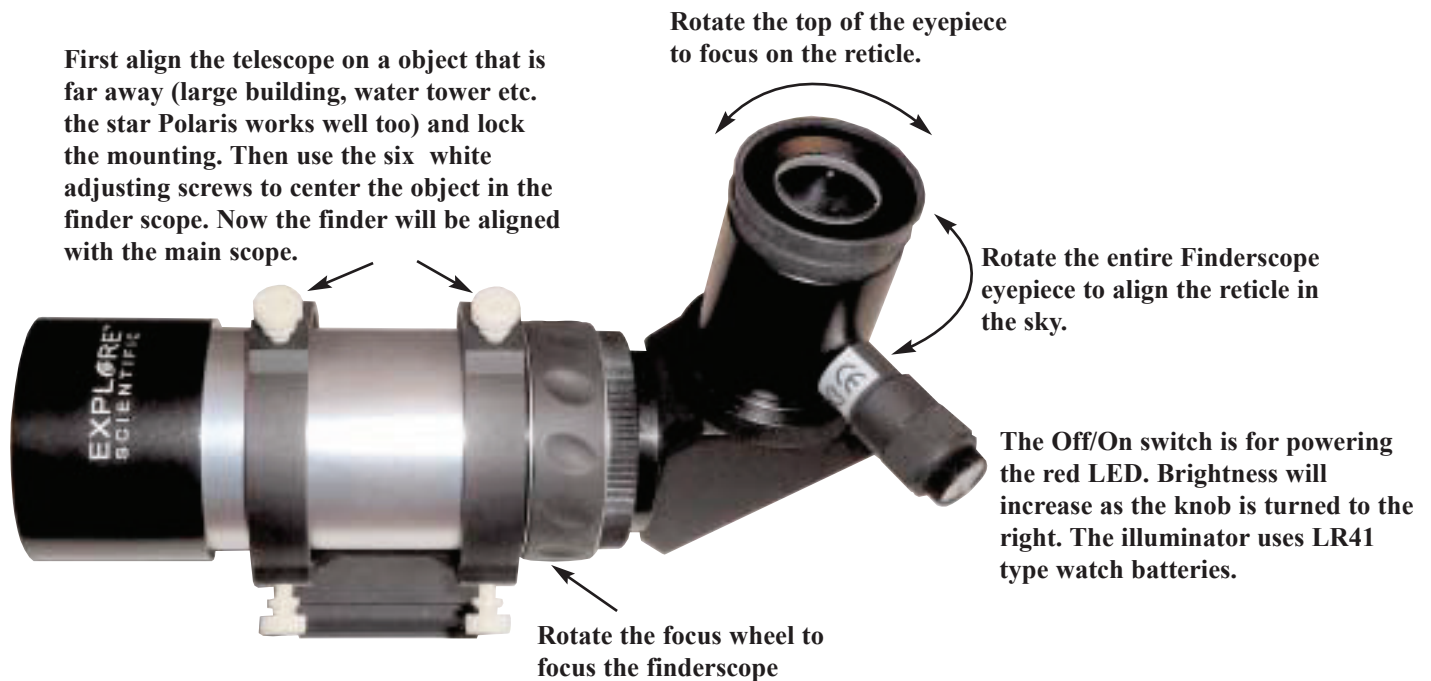


Tips on using your Explore Scientific Right-Angle Illuminated Finderscope

This 8x50mm RA finderscope incorporates a 90 degree Amici prism which products a right side up image that's corrected from right to left. This is very helpful when looking at a terrestrial objects. The RA finderscope also has a illuminated red LED which make it easy to see the reticle at night when aligning the telescope and mounting.



Once you have the finderscope aligned to the main telescope and you are using a German Equatorial Mount or one that is a fork mounted equatorial, you can now align your mount to the star Polaris. Make sure your equatorial mounting and telescope is facing North towards Polaris. Then move your mount (not with the slow motion controls) sideways and either up or down get the star Polaris in the eyepiece. Rotate the eyepiece till the star field matches up with the reticle and fine tune moving the mount until Polaris is in the small circle under the center position in the reticle. This will get you very close to your mount aligned with the North Celestial Pole but, if you are going to be imaging you need to be more precisely aligned to the pole. Many imagers do the star align drift method which is easy to master.

Note: For Alt-Az mounts like the Explore Scientific Twilight Series, aligning the finderscope to the main telescope is all that's required.