

# How To Polar Align Your Nexstar 8i Telescope

Practical Astrophotography Making Beautiful Deep-Sky Images Total Solar Eclipses and How to Observe Them A User's Guide to the Meade LXD55 and LXD75 Telescopes One-Shot Color Astronomical Imaging Scientific Astrophotography How to Use a Computerized Telescope Astrophotography on the Go Using Sequence Generator Pro and Friends The 20-cm Schmidt-Cassegrain Telescope Building and Using Binoscopes The 100 Best Astrophotography Targets Choosing and Using a New CAT Remote Observatories for Amateur Astronomers TELESCOPE Rx - The BIG Book on Equipping, Maintaining and Using a Telescope Astrophotography is Easy! So You Want a Meade LX Telescope! Astronomical Discoveries You Can Make, Too! Demystifying astronomy Choosing and Using a Schmidt-Cassegrain Telescope

~~How to Polar Align Your Telescope Mount – EQ Polar Alignment~~ ~~How to Polar Align Your Equatorial Mount!~~ ~~How to Polar Align your Telescope Mount like a Pro!~~ ~~HOW TO Polar Align POLAR ALIGN without looking through polar scope~~ ~~MAGNETIC vs TRUE NORTH | Sky-Watcher STAR ADVENTURER~~ ~~Assembling and polar aligning a simple equatorial mount~~ ~~How to Align Your Polar Scope on Your Equatorial Mount~~

~~How to Polar Align Your Mount Using the Polar Alignment Scope - Orion Telescopes Video #3 Polar Alignment w/out Polaris~~ ~~How to Align \u0026 All Star Polar Align (ASPA) Celestron Telescope Mounts~~ ~~How to polar align your telescope mount~~ ~~Complete Mount \u0026 Scope Setup. PART TWO (Polar Aligning)~~ ~~Top 5 tips for improving planetary views with your telescope~~ ~~Using SharpCap Pro to achieve PERFECT polar alignment!~~ ~~How to use an Equatorial Mount for Beginners~~ ~~Polar Alignment in N.I.N.A.!!~~ ~~Getting Started With the Sky-Watcher Star Adventurer Mount~~ ~~How to polar align your mount using SharpCap~~

~~ULTIMATE SETUP GUIDE for Sky-Watcher Star Adventurer - using a star tracker best tips 2020~~ ~~Telescope Setup, Polar Alignment, and Use for Beginners~~ ~~Polar Alignment with SharpCap Pro~~ ~~Star Adventurer - Southern Hemisphere Polar Alignment Procedure~~

~~Correct POLAR ALIGNMENT with ROTATED RETICLE and FRAMED UP TARGET on Sky-Watcher STAR ADVENTURER~~ ~~How to Mount, Balance, and Polar Align your Telescope and Mount~~ ~~Polar Alignment App Part 1 of 2 - Position of Polaris and Daytime Alignment Preview~~ ~~Sky-Watcher Star Adventurer - Polar Alignment Tutorial~~ ~~Polar Alignment Tutorial - Southern Hemisphere~~ ~~Meade Instruments – Quick Guides Vol. 2: How to Polar Align Your EQ (Equatorial) Telescope Mount~~

~~Polar aligning a saxon / Sky-Watcher / Orion equatorial mount without a polar scope~~ ~~Telescope - Polar Alignment \u0026 Using Setting Circles~~ ~~How To Polar Align Your~~

~~Polar Alignment for Beginners – Step by Step~~ ~~1. Finding Polaris – The North Star. Start by roughly aligning your telescope mount in the direction of the North...~~ ~~2. Level the Tripod. Make sure that the tripod of your telescope mount is as level as possible. An uneven tripod will...~~ ~~3. Adjust the ...~~

~~Easy Polar Alignment for Astrophotography – [Step by Step]~~

~~Some GoTo mounts can also use a star alignment procedure to polar align your mount if you cannot see Polaris or Sigma-Octans. Manual Polar Alignment. Manually polar align the mount essentially requires to frame the star of reference (Polaris or Sigma-Octans) with a polar scope finder connected to the mount.~~

~~Polar Alignment For Astrophotography | Aligning How To Guide~~

~~How to polar align a telescope during the day. Here are the two best ways how to polar align a telescope during the day. Note: Whichever polar alignment method you use, it's important that your telescope is level. Use a spirit level to ensure this.~~ ~~1. Using a Compass. A compass is the next best alternative to night-time polar alignment using a pole star. Usually, it's accurate enough that you'll experience little to no field rotation when observing celestial objects.~~

~~How To Polar Align A Telescope During The Day ...~~

~~Stay alert and keep on doing that in the horizon until your polar scope reaches that distinct point. You can use the knob that is marked as alt/az. Adjust the Inclination. This is the final step of aligning your telescope. However, if you are still confused that your polar scope is not pointing correctly, consider repeating the steps.~~

~~How to Polar Align a Telescope during the Day?~~

~~A good polar alignment can be achieved in five steps. First, point the tripod of the mount to the the north if you are in the northern hemisphere and south when you are in the southern hemisphere. Second, level your tripod. Third, put your mount into the correct latitude position.~~

~~Five tips to polar align your telescope mount like a pro ...~~

~~The simplest method of polar alignment is simply to aim the RA axis at Polaris. That seems simple enough but many beginners don't actually know how to find Polaris. If that's you – don't worry. I'll show you how to set your mount and telescope up to get aligned to Polaris.~~

~~Using an EQ Mount – Simple Polar Alignment for Beginners ...~~

~~Shift the polar axis left or right accordingly, until there is no more drift. Now aim at a star that's near the celestial equator low in the eastern sky. If the star drifts south, the polar axis points too low. If the star drifts north, the polar axis points too high.~~

~~Accurate Polar Alignment with Your Telescope – Sky ...~~

## Get Free How To Polar Align Your Nexstar 8i Telescope

Polar Alignment with SharpCap Pro. Align the RA Axis of your astrophotography mount to the North Celestial Pole using Polar Alignment in SharpCap Pro. This procedure is quick and easy and can make a huge difference to your astrophotography. SharpCap Pro introduced the Polar Alignment feature in version 2.9, and backyard astrophotographers have been taking advantage ever since.

### ~~Fine Tune Your Polar Alignment in SharpCap [Step by Step]~~

When you'll level it out, your RA axis will be parallel to the Earth's axis and you'll be very close to be Polar Aligned. There is another thing left to do after all of the steps above. I turn the mount on and feed the handset with all the current data and proceed to Star Alignment procedure.

### ~~Polar Alignment when Polaris not visible~~

Set up your mount as you would for polar alignment. The DEC setting circle should read 90 degrees. Rotate the telescope in Right Ascension so that the finderscope is positioned on the side of the telescope tube. Adjust the mount in altitude and azimuth until Polaris is in the field of view of the finder and centered in the cross hairs.

### ~~Polar Alignment—TelescopesPlus~~

Watch as I show you how to polar align your telescope mount. In this video I use my SkyWatcher HEQ5 Pro to show you step by step how I polar align my mount! ...

### ~~HOW TO Polar Align—YouTube~~

It is also possible for you to polar align your telescope during the day, even if you do not have a polar scope. If you are using a German mount, all you have to do is explained in the following steps. Set the mount's declination to +90°. This will set your mount to zero position.

### ~~How to Polar Align a Telescope During the Day~~

How can I polar align my telescope in the daytime? Mercury transits the Sun on May 7, 2003. Enrico Perissinotto. One good way is to use the Sun. Carefully level your mount with a bubble level and set the polar axis to the latitude of your site. Hang a weighted string from the mount (between the tripod legs) and lay a protractor on the ground ...

### ~~How can I polar align in the daytime?—Sky & Telescope ...~~

Attaching your smartphone over the front of your polar finder works just as well. For German equatorial mounts without a polar scope, set the Declination to +90° and attach your smartphone to your telescope or camera's lens cap. Spencer R. Rackley IV Next, set up your mount with the polar axis pointed close to North.

### ~~Daylight Polar Alignment Made Easy—Sky & Telescope~~

Align the polar scope reticule. Remove the dust caps from either end of Right Ascension RA, axis, and then lower the countershaft bar and rotate the Declination axis so that you can see through the polar scope. Check bisection on RA axis through compass, the line that is falling on a faraway object in the horizon.

### ~~How to Polar Align a Telescope During the Day?—OpticsGuides~~

Manually align the polar axis (by moving the tripod and then the fine up/down, left-right controls) until, crouching down under the mount, you can see Polaris in the field of view of the polar finder scope. Then adjust your mount's up/down and left/right fine controls until Polaris is in the spot indicated.