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The Celestron NexStar 5SE is a high-performance telescope in the Schmidt-Cassegrain design with a 125 mm (5") active diameter, for advanced visual observations and allowing the first serious astrophotographic tests to be started. SCT construction in quality obtained images of planets does not give way to apochromats. The optics of the telescope are covered with patented StarBright XLT coatings. The NexStar 5SE telescope is equipped with the GoTo system with a preset base of almost 40000 astronomical objects. The set includes a steel field tripod. OFFERED TELESCOPIC LETS START OBSERVATIONS ON THE FIRST WEATHER - INCLUDES ALL NECESSARY ACCESSORIES FULLY USE THE POSSIBILITY OF TELESCOPE BUY TO BUY 2-3 GOOD CLASSES GLASSES

Technical parameters

- Optical system: Schmidt-Cassegrain
- Aperture: 125 mm
- Coatings: StarBright XLT
- Focal mirror: $F = 1250$ mm
- Lighted: 1/10
- Useful magnification: 20 - 300x
- Switching capacity: 0.9"
- Star range: 13mag
- Mounting type: azimuth + integrated parallax wedge
- Power supply: 8xAA (12 V, "fingers" batteries); can be powered from a cigarette lighter, PowerTank or a suitable DC power supply
- Secondary mirror construction: 44.5 mm
- Secondary mirror construction in relation to the surface area of the collecting lens: 35%
- Secondary mirror construction in relation to the surface area of the collecting lens: 12%
- Optical tube material: aluminum
- Length of the optical tube: 28.0 cm
- Mounting the optical tube to the tripod: integrated dovetail
- Total weight: 9 kg (including: optical tube 4.5 kg, assembly with a head of 4 kg)

Usage Moon the planet star clusters nebulae PC control Equipment




- Okular: SPL 25mm / 1.25" (50x magnification)
- StarBright XLT coatings
- Drive in two axes controlled by a remote control with a base of 38181 objects
- StarPointer finder
- Software on CD: NexRemote V1.6.14 & The Sky L1

Search and tracking system parameters

- computer manual control: display with two command lines - 16 characters, liquid crystal display, backlit buttons
- tracking speeds: $4^\circ / \text{sec}$, $2^\circ / \text{sec}$, $1^\circ / \text{sec}$, 64x, 16x, 8x, 4x, 1x, 0.5x
- tracking modes: Alt-Az, EQ North, EQ South (an essential paracidal wedge for EQ modes)
- alignment procedures: SkyAlign, Auto 2-Star Align, 1-Star Align, 2-Star Align, SolarSystem Align
- accuracy of the software: 24bit, 0.08 arcsec
- communication port: RS-232, Aux port, Camera Control
- tracking frequency: stellar, solar, lunar

Warranty 2 years

Warning! This device focuses a lot of light. Looking directly at the sun through this device can result in partial or complete loss of vision. For the observation of the Sun, we recommend the safest method of spectacle projection, that is, projecting the image of the target of our day star on a piece of paper.

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