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Opening Hours
10am-5:30pm Mon-Fri
9am-2pm Sat

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Celestron Nexstar 127 Mak SLT

AUD
\$1,299.00

Product Images



Short Description

- High quality 127 mm Maksutov-Cassegrain
- Fully computerized Altazimuth mount
- StarPointer finderscope to help with alignment and accurately locating objects
- Quick-release fork arm mount, optical tube and accessory tray for quick no tool set up
- Sturdy stainless steel tripod and accessory tray included
- Good for terrestrial and celestial observing
- BONUS Astronomy Software download with a 10,000 object database, printable sky maps and 75 enhanced images

NOTE: For solar viewing the Meade Glass Solar filter #575(Product No. 125874) is recommended.

Description

Designed to be an affordable entry level to mid-level computerized GoTo telescope, the NexStar SLT refractors, reflectors, and Maks are available in the most popular sizes and are loaded with valuable design features. With preassembled, adjustable stainless steel tripods and quick release fork arms and tubes, NexStar SLT telescopes can be set up in a matter of minutes - with no tools required! You can see details of the lunar surface, Venus and its phases, polar caps on Mars, Jupiter and its four moons, Saturn with its rings plainly visible and much more! Most NexStar SLTs can also be used as a land-based spotting telescope.

Intelligent Design

Powered by 8 AA (user supplied) batteries or an optional AC adapter (#18778), these NexStar GoTos love to travel. The internal battery compartment provides power to the high precision servo motors for rigid low-vibration performance while eliminating cord wrap issues associated with external battery packs.

With the NexStar's ergonomically designed hand control, the user is free to remove the hand control from its holder for remote use or leave it cradled for hands-free operation. With a touch of a button, you can select the object catalog, change the slew speed, view fascinating information about an object or simply know if a desired object is visible in the sky.

Celestron's Revolutionary SkyAlign

Using Celestron's patented SkyAlign, simply input the date, time and location into the hand control then slew the telescope to any three bright celestial objects in the sky. You do not need to know the names of the stars - you can even pick the Moon or bright planets!

Specifications

OPTICAL TUBE INFO:

Optical Design	Maksutov-Cassegrain
Aperture	127mm (5")
Focal Length	1500mm (59")
Focal Ratio	12
Focal Length of Eyepiece 1	25mm (0.98")
Magnification of Eyepiece 1	60x
Focal Length of Eyepiece 2	9mm (0.35")
Magnification of Eyepiece 2	167x
Finderscope	StarPointer
Star Diagonal	1.25

MOUNT INFO:

Mount Type	Motorized Altazimuth
Accessory Tray	No Tool, Quick release
Tripod	Steel
Highest Useful Magnification	300x
Lowest Useful Magnification	18x
Limiting Stellar Magnitude	13
Resolution (Rayleigh)	1.1 arc seconds
Resolution (Dawes)	0.91 arc seconds
Light Gathering Power (Compared to human eye)	329x
Apparent Field of View	.83°
Linear Field of View (@1000 yds)	44 ft (13 m)
Optical Coatings	Fully-Coated
Slew Speeds	Nine slew speeds
Tracking Rates	Sidereal, Solar and Lunar
Tracking Modes	Alt-Az, EQ North and EQ South
Alignment Procedures	SkyAlign, Auto 2-Star Align, 1-Star Align, 2-Star Align, Solar System Align
Computer Hand Control	Fully Computerized / Flash Upgradeable
NexStar+ Database	4,000 Object Database
GPS	Optional SkySync GPS Accessory (93969)
Software	Starry Night Special Edition