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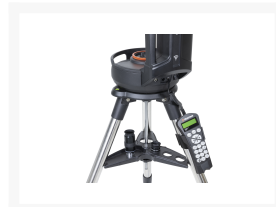
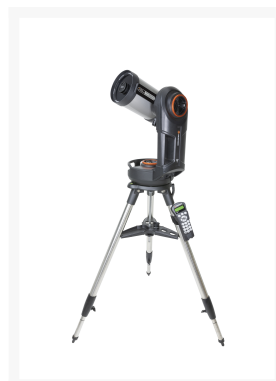
Opening Hours  
  
10am-5:30pm Mon-Fri  
9am-2pm Sat

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## Celestron NexStar Evolution 5 Telescope

**AUD**  
**\$2,899.00**

### Product Images



## Short Description

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- Wifi compatible
- Compact, portable 5-inch Schmidt-Cassegrain optical tube with StarBright XLT optical coatings
- Computerized GoTo mount with high-performance worm gears and motors for improved tracking accuracy, along with reduced gear backlash
- Rechargeable lithium-iron phosphate battery with enough power for 10 hours of continuous observing
- Improved industrial design with manual clutches and integrated carry handles, plus the added convenience of two accessory trays and a USB charge port for your smart device

**NOTE:** For solar observing we recommend the Astrozap Glass Solar Filter (Product No. 124466) for use on this telescope.

## Description

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Celestron's signature telescopes reach a new level with NexStar Evolution 5, the first Schmidt-Cassegrain telescope with integrated WiFi. Leave your hand control behind and slew to all the best celestial objects with a tap of your smartphone or tablet. Connect your device to NexStar Evolution's built-in wireless network, and explore the universe with the Celestron mobile app for iOS and Android.

Use the planetarium interface to view the night sky in real time or display a list of celestial objects currently visible based on your time and location. Our proprietary SkyAlign alignment procedure is built right into the Celestron mobile app, so you're ready to observe within minutes.

### The most user-friendly telescope ever

Celestron engineers designed NexStar Evolution based on years of customer feedback. It offers many thoughtful design features that combine to provide you the best possible experience out under the stars.

Forget about batteries or an external power supply. For the first time ever on a consumer telescope, NexStar Evolution includes its own built-in battery. With this ultra-long life lithium-iron phosphate battery, you'll be able to enjoy stargazing marathons up to 10 hours on a single charge. You can even use NexStar Evolution's USB charge port to top off the other devices in your life that need to stay powered on during an observing session. An intelligent power management system senses when battery levels are low and goes into power-saving mode to keep your telescope running for as long as possible.

Setting up your NexStar Evolution is quick and painless with large, ergonomic handles. The all-metal tripod features a metal accessory tray with indentations for storing and carrying the tripod. During setup, leg etchings help you achieve a level, uniform height for your telescope. Manual clutches in both altitude and azimuth offer greater flexibility to manually point the telescope when powered off. Store up to 7 eyepieces in 2 accessory trays, one with an adjustable red LED illuminator.

### Superior tracking fit for astroimaging

If you're interested in astroimaging, the 5-inch NexStar Evolution is an excellent, affordable way to get started. It's the only fork-mounted telescope in its price range that offers brass worm gears, along with improved motors. NexStar Evolution's tracking accuracy is so impressive, you can capture images of deep-sky objects like the Orion Nebula by simply attaching your DSLR camera. As you progress in the hobby of astroimaging, you can add our HD Pro Wedge to achieve longer exposures for more detailed astrophotos. NexStar Evolution compatible with the wedge when used with the CPC tripod (sold separately).

Of course, the Schmidt-Cassegrain optical system offers bright, sharp views with StarBright XLT optical coatings—a great choice for visual observers and budding astroimagers alike.

NexStar Evolution is equipped with 4 auxiliary ports—2 on top of the fork and 2 on the bottom. A classic NexStar+ hand control is included, but is not necessary when using NexStar Evolution with the mobile app. The telescope also includes a StarPointer finderscope, two 1.25" Plossl eyepieces, a 1.25" star diagonal, and an AC adapter.



Slew Speeds	9 slew speeds - max speed 4°/second
Tracking Rates	Sidereal, Solar and Lunar
Tracking Modes	Alt-Az, EQ North and EQ South
GPS	N/A
Dovetail Compatibility	CG-5 saddle plate
Number of Auxiliary ports	4 Aux ports (Hand Control can use any of the Aux ports)
Autoguide port	No
USB Port	Yes, Hand Control input and Mount output
Power Requirements	Internal 9.6V, 4.5Ah lithium iron phosphate battery (LiFePO4), charge battery with 12VDC, 5.0Amps
Motor Drive	DC servo motors
Alignment Procedures	SkyAlign, 1-Star Align, 2-Star Align, Auto 2-Star Align, Solar System Align, Quick-Align, Last Alignment, EQ North / EQ South Alignment (EQ align requires an equatorial wedge)
Periodic Error Correction	No
Computerized Hand Control	2 line x 18 character backlit Liquid Crystal Display, 19 LED backlit buttons, USB 2.0 port for PC connection
NexStar+ Database	Over 40,000 including 220 of the best deep sky and solar system objects
Software	Celestron's Starry Night Special Edition Software   SkyPortal App
Total Kit Weight	38 lbs (17.23 kg)
Included Items	NexStar Evolution OTA   Single Fork Arm Mount & Tripod   Accessory Tray   Built-in Wifi   Integrated Lithium-iron battery   NexStar+ Hand Control   40mm & 13mm eyepiece   Red dot finderscope   Visual Back   Star Diagonal   4 plug AC adapter