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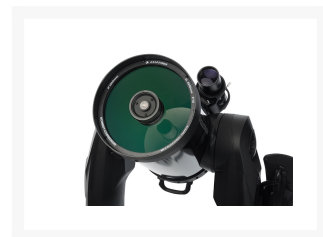
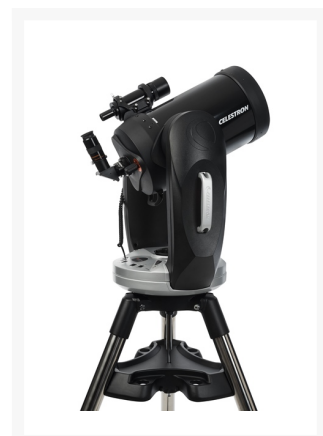
Opening Hours  
  
10am-5:30pm Mon-Fri  
9am-2pm Sat

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[www.sirius-optics.com.au](http://www.sirius-optics.com.au)

## Celestron CPC 800 GPS (XLT) Computerized Telescope

**AUD**  
**\$4,799.00**

### Product Images



### Short Description

8" diffraction limited Schmidt-Cassegrain telescope

**NOTE:** The recommended solar filter for this scope for solar observing is the Astrozap Glass Solar Filter (Product No. 124451)

### GENERAL FEATURES

- 8" diffraction limited Schmidt-Cassegrain telescope
- Celestron's premium StarBright XLT coatings
- Fully computerized dual fork arm Altazimuth mount
- 9x50 finderscope to help accurately find objects
- Newly designed heavy-duty tripod makes attaching the telescope so easy you can do it in the dark; also features sturdy 2" steel legs and accessory tray
- Ergonomic design - Comfortably lift and move the telescope from location to location
- Star diagonal provides more comfortable viewing position when observing objects that are high in the sky
- Convenient remote hand control holder - Allows you to view information hands-free while using the scope

### COMPUTERIZED MOUNT FEATURES

- Proven NexStar computer control technology
- 40,000 object database with over 100 user-definable objects and expanded information on over 200 objects
- Custom database lists of all the most famous deep-sky objects by name and catalog number; the most beautiful double, triple and quadruple stars; variable stars; solar system objects and asterisms
- Re-designed drive base and drive mechanics - Quiet operation; large drive gears, quick release clutch
- SkyAlign allows you to align on any three bright celestial objects, making for a fast and easy alignment process
- Flash upgradeable hand control software and motor control units for downloading product updates over the Internet
- Permanent PEC
- Auxiliary port for additional accessories such as Autoguider, GPS accessory
- NexRemote telescope control software and RS-232 cable included for advanced control of your telescope via computer

Specifications	Optical Tube Info:	
	Optical Design	Schmidt-Cassegrain
	Aperture (mm)	203.2 mm (8 in)
	Focal Length	2032 mm (80 in)
	Focal Ratio	10
	Focal Length of Eyepiece 1 (mm)	40 mm (1.57 in)
	Magnification of Eyepiece 1	51 x
	Finderscope	8x50 Finderscope with quick release bracket
	Star Diagonal	1.25
	Mount Info:	
	Mount Type	Dual Fork Arm
	Accessory Tray	Leg Brace / Eyepiece holder
	Tripod	Heavy Duty Steel Adjustable
	Power Requirements	Car battery adapter
	Highest Useful Magnification	480 x
	Lowest Useful Magnification	29 x
	Limiting Stellar Magnitude	14
	Resolution (Rayleigh)	0.69 arc seconds
	Resolution (Dawes)	0.57 arc seconds
	Light Gathering Power (Compared to human eye)	843 x
	Apparent Field of View	0.8 °
	Linear Field of View (@1000 yds)	42 ft (13 m)
	Secondary Mirror Obstruction	2.5 in (64 mm)
	Secondary Mirror Obstruction by Diameter	31%
	Secondary Mirror Obstruction by Area	9.77%
	Optical Coatings	Starbright XLT Coating
	Total Telescope Kit Weight	74 lbs (34 kg)
	Tracking Rates	Sidereal, Solar and Lunar
	Tracking Modes	Altazimuth, EQ North and EQ South
	Alignment Procedures	SkyAlign, Auto Two-Star Alignment, Two-star Align, SolarSystem Align, EQ North Align, EQ South Align, One-Star Align
	Periodic Error Correction	Permanently Programmable
	Communication Ports	RS-232 communication port on hand control
	Computer Hand Control	Flash upgradeable, double line, 16 character Liquid Crystal Display; 19 fiber optic backlit LED buttons
	Database	40,000+ objects, 100 user defined programmable objects. Enhanced information on over 200 objects
	GPS	Internal 16 channel
	Warranty	2-year Telescope Warranty