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Celestron CPC series telescopes with the revolutionary SkyAlign leveling system are the perfect optics of the Schmidt - Cassegrain system and robust assembly mechanics with the GOTO system and built-in GPS system. These telescopes allow a very easy and fast positioning of the telescope, easy retrieval of objects in the sky from a database of 40,000 objects, and when the object is in the field of view of the telescope, the optics of the telescope will allow for very advanced visual observations. In the case of equipping the telescope with a paralactic wedge, the azimuth fork assembly becomes a paralactic (equatorial) mounting, allowing the telescope to be used for advanced astrophotography. Because of the light, SCT telescopes are highly appreciated by people taking pictures of the moon, planets, star clusters and planetary nebulae. At the same time, the whole set is very well optimized, guaranteeing failure-free operation, silent operation of engines, easy assembly and transport. Telescopes with StarBright XLT coatings are characterized by an optical efficiency of about 16% greater than the classic MC layers, thanks to which the obtained images are characterized by higher brightness and resolution. The whole creates a perfect set for ambitious astronomy lovers and can be a basic observation tool in the school's observatory, on the basis of which it is possible to initiate advanced educational and research projects. 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 Basic technical parameters

- Optical system: Schmidt-Cassegrain
- Aperture: 203 mm (8 ")
- Coatings: StarBright XLT
- Focal mirror: F = 2032 mm
- Lighted: 1/10
- Useful magnification: 29 - 480x
- Switching capacity: 0.69 "
- Star range: 14 magicians
- Mounting type: forklift, AZ (parallactic after buying a wedge for Celestron CPC series telescopes)
- Secondary mirror construction: 64 mm
- Secondary mirror construction in relation to the lens diameter: 31%
- Secondary mirror construction in relation to the surface area of the collecting lens: 9.7%
- Optical tube material: aluminum
- Length of the optical tube: 43.1 cm
- Mounting the optical tube to the tripod: on the side of the tube (two-arm assembly)
- Total weight: 34 kg
- Usage Moon the planet star clusters nebulae PC control Equipment
- optical tube SCT 8 "F / 10
- 9x50 targetting scope
- eyepiece PL 40 mm (magnification 51x)
- Angle connector 90 ° 1,25 "
- accessory stand
- forklift installation mounted on a field tripod
- power supply from the cigarette lighter adapter (separately available PowerTank batteries and power supplies)
- GPS - 16 channel, built-in installation
- control software on a CD
- Search and tracking system parameters
- computer manual control: display with two command lines - 16 characters, liquid crystal display, backlit buttons
- Tracking speed: 3 ° / sec, 2 ° / sec, 0.5 ° / sec, 64x, 16x, 8x, 4x, 1x, 0.5x
- tracking modes: Alt-Az, EQ North, EQ South (an essential paralactic 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
- RS-232 control port, AUX port, Autoguide port
- Tracking speed: star, solar, moonlight
- assembly control protocol: NexStar Computer Control System
- Periodic assembly error correction (PEC) system operating in continuous mode
- Warranty 2 years (The pictures below show the CPC 925 version, i.e. an aperture of 9.25 ")

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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