

## BAS – Telescope Hire Equipment, Kit 9

### Celestron CPC Series 9.25” Schmidt Cassegrain Telescope

#### Kit 9 Comprises:

- Celestron CPC Series 9.25” Schmidt Cassegrain Telescope
  - Wheeled storage/transport box with detachable wheel barrow handles
- Celestron CPC Series Instructional manual (70 page document)
- BAS – Celestron CPC 9.25 Telescope User Guide (14 page document)
- Tripod
  - No tripod leg support bracket is included with this kit
- 12v DC battery sufficient to power the telescope electronics (but not any dew heater devices)
  - 240v charging adapter for the 12v DC battery
  - Laminated charging instructions
  - 12v power cable (connect 12v battery power to the telescope)
- Telescope hand controller with mounting bracket for attachment to the telescope
- 50mm finderscope with mounting bracket (mates the finderscope to the bracket on the main telescope)
- Visual back, and 90degree star diagonal (that attaches to the back of the telescope and hold the eyepiece)
- 5 Orion brand, Plossl design, 1.25” diameter eyepieces

Focal Length	Actual Field of View (degrees)	Magnification
40mm	0.73 degrees (bit bigger than Moon)	59x
17mm	0.38 degrees (bit smaller than Moon)	138x
10mm	0.22 degrees	235x
7.5mm	0.17 degrees	313x
6.3mm	0.14 degrees	373x

(The 40mm and 17mm eyepieces provide the best clarity of view as they do not magnify the image excessively.)

- 12.5mm Plossl eyepiece mobile phone adapter for astrophotography experimentation (but no guarantee your phone will fit the adapter)
- Dew shield for the front corrector plate lens

**NOTE:** It is recommended that the hirer of this telescope also learn to use a planetarium app, such as SkySafari, and take it with them when using this telescope. The larger screen size of a tablet is preferable over the small screen of a mobile phone.