

Inventory list Roosand Observatory 12/2017

General: focus position of the CDK 17, focusing fully retracted = 117 mm behind the 2" mount WITHOUT M68 extension

Looped cables at the GTO 1600

- Power Supply CDK 17
- USB to USB (SBIG)
- Mini USB to USB (EOS), **marked in white color**
- SBIG Guidingkabel RJ11

Assembly: F. Hofmann and W. Paech from 07th to 12th August 2013

Oculars

- Complete set of Baader Hyperion 2" / 1-1/4" oculars
- additional 2" Hyperion asphärisch with $f = 31$ - and 36 mm
- Complete set of Baader 1-1/4" Q-Turret + Okularrevolver and Barlowlens
- 1-1/4" crosshair Baader MicroGuide

Filter

- 2" and 1-1/4" neutral density filters (ND 1,8 und ND 0,9) for moon observations
- 2" Baader 35nm H-alpha Filter
- 2" Baader UV IR Cut

Prisms

- 2 pieces 2" ClickLock Prism
- 2 pieces 1-1/4" Prismen

Barlowlenses

2" AP Barlowlinse

1-1/4" Q-Turret, divisible (x 2.25 und x 1.6)

Mechanic

- 2" extension
- Reducer from 2" to 1-1/4"
- EOS T2 Widefieldadapter, inkl. UV/IR Sperrfilter
- M68 Adapterset for CDK 17
- T2 – CMount Adapter incl. UV IR cutfilter
- StrongHold Tangentialverstellung (mounted at the Zeiss APQ)
- 1-1/4" fokussierende Aufnahme for ST-i Guidingkamera

Kollimation

- Kollimation set for the CDK 17
- Polarfinder for the GTO 1600

Accessories especially for TEC 110 FL

- Fieldflattener and Canon EOS/SBIG ST 10/2000 Adapter

Accessories especially for the PlaneWave

- Televue Reducer 0.8x with 2" plug-in connection (at the moment only usable with Canon EOS DSLR cameras)

Guiding

- SBIG ST-i Guiding camera

Additionally available (not included in the normal dome rent)

- Vixen 125mm binocular with Baader tripod

Vixen DX mount (Paech privat, incl.)

- guiding scope + crosshair ocular (Lichtenknecker 85/540mm refractor)
- 2 x V44 Schiene mit stabilen Kugelkopf



The Rooisand 3.2 m dome



Vixen mount for wide angle photography

CDK 17" Planewave, Focus positions for photography and eyepieces :
Baader Hyperion (aspheric) 31- und 36mm oculars - **without any** M68 extension with 2" prism.

Baader Hyperion oculars – with **10mm** M68 extension and 2" prism
Canon EOS Kameras – **without** M68 extension, but with a 2" extension

TEC and Zeiss APQ
Canon EOS cameras with a 2" extension



DX mount

there are two markings between pole block / adapter and steel flange / column (circles in the picture) match, the mount is well adjusted (**please do NOT adjust the pole height**)

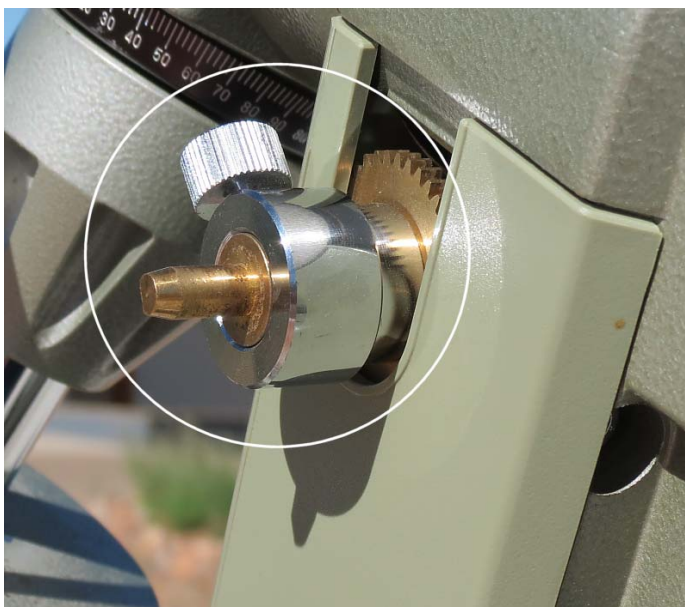


Figure left:

Motor couplings - if the knurled screws are tightened, the drive motors are firmly coupled to the worm drives (no manual adjustment possible). Once they have been released, the axes can also be adjusted manually via the handles

Coordinates Rooisand Observatory:

East 16 degrees 07 minutes and 51 seconds
South 23 degrees 16 minutes and 51,5 seconds
Height: 1.280 meter above sea level