

BAADER Glaspath-Corrector (GC)



available factor: 1.25x / 1.7x / 2.6x

all three GC-units are based on a design by Carl Zeiss, to correct the spherical error induced by the optical glass path of the prisms inside every Binocular Viewer

When mounting a 1.25x or 1.7x GC in front of your binocular viewer, check that the convex (outward curved) side of the GC lens system faces the sky.

(This does not account for the 2.6 GC – both outer faces of the 2.6 GC lens system are curved inward (biconcave)).

The lenses in this GC-unit are mounted to fit the:



Mark V Zeiss / Baader Binocular



Baader-Maxbright Binocular

Three lens systems of different focal length factors are available to supply perfect color correction and to suit all focussing needs.

This package contains flgw. GC-unit:



GC with Factor 1.25 – only corrects spherical color error (moves focus out 15mm at minimum)



GC with Factor 1.70 – moves focus out at minimum 35mm (depending on telescope design)



GC with Factor 2.60 – moves focus out at minimum 85mm, specially designed for Newtonian telescopes.

Mounting Instructions:

1. for Mark V Zeiss / Baader Binocular:

GC 1.25x and 1.7x are being threaded directly into the Mark V body itself. The dovetail ring at the very entrance aperture of the Mark V has a female thread M34 to accommodate the Glaspath-Corrector 1.25 or 1.7 (but it does not allow to hold the GC 2.6 – the GC 2.6 always must be mounted as described below).

2. for Baader-Maxbright-Binocular:

GC 1.25x / 1.7x and 2.6x are not intended to thread into the Maxbright Binocular viewer. Instead they are to be threaded into the Baader T-2/1¼" nosepiece (#14) or into the top side of flgw. Baader Stardiagonals (#2456100 T-2 Maxbright Mirror Diagonal / #2456095 T-2 Stardiagonal Prism / #2456005 Prism Diagonal T-2/90° 32mm / #2456005K Prism Diagonal T-2 / 90° 32mm, Set / #2456130 T-2/90° Baader Roof-Prism)

Alternatively the three GC-cells may be clamped between any connecting T-2 threads with the thin collar.

The frontside of the Maxbright-Binocular viewer has a T-2 thread to directly connect onto all Baader Stardiagonals and to fit onto the Baader 2" nosepiece (#16) or 1¼" (#14).

The Baader Astro T-2 System® in conjunction with the above three GC-units provides a wide range of adapter rings to mount the Maxbright- & the Mark V Binocular onto most telescopes.

Please always try to choose the mechanical connection that puts the binocular into the very nearest position towards the telescope focuser. Avoid using 2" Stardiagonals between the telescope focuser and the binocular viewer (this consumes too much optical train). Better try to reach the focus with the lowest possible GC-magnifying factor.



BAADER PLANETARIUM

Zur Sternwarte • D-82291 Mammendorf • Tel. +49 (0) 8145 / 8089-0 • Fax +49 (0) 8145 / 8089-105
Baader-Planetarium.de • kontakt@baader-planetarium.de • Celestron-Deutschland.de