

Operating manual

omegon

Additional lighting for Omegon MiniTrack LX2, LX3, LX Quattro mount polarscopes

plus Skywatcher EQ3, EQ5, Celestron AVX and Meade LX85



English version 10.2020 Rev. A Item no. 69568

Thank you for choosing our additional lighting for the Omegon polarscope. Please read this manual carefully so that you can carry out the relatively simple steps without errors.

The additional lighting brightens up the light output of your polarscope, which means that you can see the black image of the viewfinder even in pitch black nights. It consists of a dimmable red LED light which is projected via light conductors into the centre of the beam path. The best thing about this additional light is that it can be used on the Skywatcher EQ3-2, EQ5, Celestron AVX (without O-ring), as well as on the Meade LX85 mounts. It is therefore a unique, multi-purpose device.

1. Application – Operation with Omegon MiniTrack.

The Omegon polarscope additional lighting can be connected to the EQ-500 polarscope, or any other comparable polarscope (\varnothing 17.5mm).

Fig.1



To do this, the polarscope must be inserted at the rear end, i.e. the area with the three grub screws. Before doing this, make sure that the grub screws do not protrude into the socket of the additional lighting device. Then tighten the grub screws very slightly without exerting pressure, as this is perfectly sufficient to ensure a secure grip.

Fig.2



The Omegon MiniTrack LX2, LX3 and LX Quattro mount can be aligned much more precisely with it. It is important to have the EQ-500 polarscope – or any other comparable polarscope with a shaft diameter of 17.5mm. The MiniTrack LX adapter, which must be purchased along with the LX2, is also necessary. (see: recommended accessories)

Fig. 3



This adapter is fitted instead of the plastic tube supplied with the LX2.
(Manual attached)

Fig. 4

Adapter position LX2



The dimmable lamp included in the scope of delivery must be equipped with two LR48 or AG5 button cell batteries.



AG5 or V393

After inserting the batteries, screw the dimmable lamp onto the base of the additional lighting:

Fig. 5



Screw it in carefully and completely

For Skywatcher equatorial mounts, EQ3-2 (also called NEQ-3), as well as the NEQ-5 (Fig. 7), the enclosed thin O-ring is inserted into the groove provided:

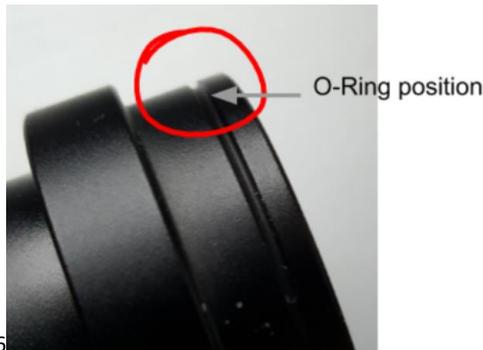


Fig. 6

The O-ring should also be used with the LX85 mount from Meade Instruments., however, the O-ring should not be used with the Celestron Advanced VX mount. The hole is slightly smaller to ensure that the additional lighting fits securely.

Fig. 7



Caution: When removing the additional lighting from the mount, ensure that the O-ring does not get lost. However, if this should happen, please contact our support department.