

POLAR ILLUMINATOR INSTRUCTIONS

From AWR Technology

This unit is designed to give a dim background light to the view seen through the Polar Alignment scope.

AWR have versions with clip diameters 35, 40, 45mm diameters suitable for HEQ5, EQ5, EQ6, Alter D6 telescope mounts

Telescopes with polarscope ability have a hollow Polar axle and tube of diameter 30 to 45 mm diameter into which a standard polarscope can be fitted at the bottom end (if not already present). The illumination takes the form of a LED held in a spring clip of plastic material. The spring clip should be a larger diameter than the hollow tube.

Fitting is to insert the spring clip into the hollow tube at the top end so the LED points towards the polarscope. **Be careful as the LED to spring clip bond is quite fragile. If it does come apart then Araldite it back together.**

The Illuminator is supplied in two versions. One for external fitting with a battery box which takes 2 x AA cells and has a switch. The Velcro on the box allows it to be held in place near the exit hole of the polarscope tube.

The second version is for fitting internally with a supply from the circuit board. This applies to the Synta EQ6 mount. To gain access you have to undo the four screws holding the electronics cover in place, assemble the clip at the bottom of the well and connect the white connector onto the two pin socket on the circuit board. The polarity is pin 1 is +ve and this version works from 12 Volts. You are advised to check that it operates before assembly.

The light it produces is very dim and you will need a darkened room to see it. Please check for yourself that it is working before installation. Inside the lead is a diode and a current limiting resistor so no damage will occur if it gets connected the wrong way round.

For further information see our website www.awrtech.co.uk or ring AWR Technology 01304 365918