

# SOUTHAMPTON ASTRONOMICAL SOCIETY

## Telescopes for loan to members

Observatories are wonderful things, but they are expensive to run and maintain and are typically only used by a few members of a society. Instead, we have a number of telescopes that are available for loan to members of the Society. If you are thinking of buying one, you can try out our telescopes to see what sort and size to buy, and how easy it will be to use and move around. All our telescopes come with finders, eyepieces and star maps. There is a small weekly fee for the telescopes, but if you give in a report on your observations there is no fee to pay. For more information or to borrow a telescope contact: - Michael Hobbs,

### Society Telescopes

12x60 White Light Binoculars.

Solarscope.

4 x Meade Telescopes.  
ETX 60mm, 90mm &  
2 x 127mm.

2 x 6" (150mm)  
Dobsonian Reflectors.

2 x Tal 4" (100mm)  
Refractor Telescopes.

3" (75mm) Refractor  
(Old Brass Telescope).

### CORONADO BinoMite 2

White Light 12x60  
Binoculars with Tripod adapter and case.  
**(Can only be used on the Sun).**



12x60 White Light Binoculars

### SOLARSCOPE

The Solarscope is a cardboard Solar Projector box for observing Sunspots, transits of Mercury & Venus and Eclipses, very easy to use. 40 mm f4.5. Standard Solarscope. focal length 13/9m. Sun's image size on the projection screen: diameter about 80mm. Weight 750 g. Made in France.



Solarscope

View of the Sun

**Meade ETX 60mm** Maksutov-Cassegrain  
GoTo with Autostar Computer Controller,  
Computer Software, tripod and case.

**Meade ETX 90mm** Maksutov-Cassegrain  
GoTo f13.3 (fl 1250mm) in case. Has tripod  
but no Controller or Software, motors do not  
work, but can be moved by hand.



60mm

90mm

### Meade ETX 125

**(Clear Aperture 127mm)**

Maksutov-Cassegrain f15 (fl 1900mm) with  
Autostar Computer Controller, Mead tripod  
with micro-wedge for polar alignment, case  
and bag for tripod.

**The Society has two Meade ETX 125's**  
both with Computer Controller and Wedge.



Meade 125

On wedge in use

<p><b>TVS DOBSONIAN</b> 6" (152mm) f6 Newtonian reflector on a Dobsonian mount. Can be used without legs. Tube 34" long. Total size 12 ½" x 12 ½" x 47 ½". Weight about 8 Kg.</p> <p>Made by Michael Hobbs using parts purchase with a grant from TVS Trust.</p>	
<p><b>CITY OF SOUTHAMPTON</b> (Dark Star Reflector) 6 1/4" (158mm) f8 Newtonian reflector on a Dobsonian mount. Made by Dark Star. Tube 51" Total size 11 ¾" x 10 ½" x 56". Weight 8 Kg.</p> <p>Purchased from Dark Star with a grant from Southampton City Council.</p>	
<p><b>TAL TAA – 100RT</b></p> <p>100 mm (4") f10 refractor with equatorial mounting and tripod. Slow-motion control on declination axes. 6x finderscope. Dimensions: length 950 mm, width 920 mm, height 1460 mm. Weight of telescopes 25 kg. Can be taken apart for easy transportation. Made in Russia.</p> <p><b>The Society has two TAL-100 Telescopes.</b></p>	 <p>TAL-100      Dollond 3" Refractor</p>
<p><b>DOLLOND REFRACTOR</b> (About 130 years old)</p> <p>3" (75mm) f15 refractor (Brass) on a yoke type altazimuth (altitude-azimuth) mount and wooden tripod (fixed height).</p>	<p><b>Dollond Brass Refractor.</b> Tube fits in a wooden box 6 ¾"x 7 ½" x 43". Tripod 60" long, fixed not adjustable. Telescope is old but can also use modern eyepieces. Has been in the Society for about 80 years.</p>
<p><b>The Society has a MEADE LX90</b> <b>8" (200mm) f10</b> <b>Schmidt-Cassegrain Telescope.</b> <b>Not for loan.</b></p> <p>This Telescope was purchased with a grant from the National Lottery. To be used for teaching astronomy to groups of Scouts, Cubs, Beavers, Guides, Schools and Exhibitions and observing meetings etc. Any member thinking of buying one and would like to see one in action before buying, please contact the Society.</p>	 <p><b>NOT FOR LOAN</b></p>