

HOW TO USE OUR TELESCOPES

Before you use our telescopes, you need to become familiar with four of the most important accessories and controls you will need to use - the tripod, the spotter scope, focus slider and the eyepieces:



The tripod - set it up on stable ground first before attaching telescope - it does not have to be perfectly level. Do not lose/unscrew any pieces - just loosen and tighten as required. Do not knock it over in the dark.

The spotter scope - a small low power telescope used to find the general area you want to examine - always look through this first and ensure when you can see a bright light source (moon or very bright star or spotlight) that it lines up with the same light source in lowest power eyepiece.

The eyepieces - our telescopes have 1, 2 or 3 - low, medium and high powered magnification. Always

start with the lowest powered eyepiece (less magnification). Never touch the glass. If the lens glass is dirty at either end of the telescope, only use the cleaner fluid and soft cloths that you would use with prescription glasses - NOTHING ELSE.

Once you can see the star or moon (always start with the moon if it is available) **in the spotter scope**, gently adjust the focus slider knobs until your light source becomes clearer. If it is not visible, gently and very slightly (in millimetres) adjust the telescope directions via the tripod controls. All of this is much easier when looking at the moon. Preferably adjust the spotter scope **before it gets dark** - but never look at the sun!

Viewing Area - Because they are magnifying a tiny patch of sky, telescope viewing areas are far smaller than your eyes, binoculars or cameras. Lower magnification means larger viewing area. The spotter scope has a much larger viewing area than any of the eyepieces.



← Spotter scope

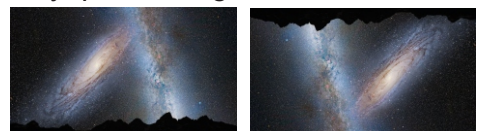
← Eyepiece low

← Eyepiece med

← Eyepiece high

Finally, make sure you do not loose any pieces, lenses and put everything back in the bag before returning. Anything missing or damaged will be charged to your accommodation credit account. Telescope replacement cost is \$250 as no spare parts are separately available.

Eyepiece Images Are Reversed!



Up is down and left is right!

You will not be able to find a star without using the spotter scope because the image in a telescope is generally reversed.