

Equipment Instruction Manual Series

AST 205: Planets in the Universe

Small Binoculars

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Figure 1: This guide detail the use of the **small binoculars**.

NEVER try to clean the lenses or eyepieces. Do not even try to blow off dust from the lenses.



Figure 2: Remove the two **objective lens covers**.



Figure 3: Remove the **other cover** over the eyepieces.



Figure 4: **Twist the ring** at the end of each eyepiece to adjust how much it overhangs the lens.



Figure 5: The **focus** can be adjusted with the dial in the middle. Adjust it so that your left eye sees the sharpest image. If you have contacts you can keep them in, but if you have glasses you should remove them and leave the vision correction to the binoculars. Remember that the proper focus depends on the distance to the object, so if you are going to be looking at stars and planets “at infinity,” you should be looking at such objects when you focus.



Figure 6: Your right eye should see a sharp image as well. However, it may not have exactly the same focusing ability as your left eye, so you can adjust the **right eye's focus** independently.

When you are done with the observation, put back the lens covers on the lenses. Make sure that the lens covers are clean before placing them on the lens. Do not press on them very hard, as they are flexible, and their center may touch the glass.