

Assembly Guide : 90mm Cassegrain Telescope

INTRODUCTION

Congratulations! You have bought a wonderful telescope. This is a precision optical instrument, and you have many wonderful evenings of observing the night sky ahead of you. This on-line guide is to help you assemble your telescope properly.

We know that many people are visually oriented and that pictures of the assembly process would be helpful. Since your telescope assembly guide and instruction manual does not have a lot of pictures, we have put together this online guide to help you assemble your telescope for your first night of observing.

Once your telescope is assembled and ready to go, the rest is up to you. Learning astronomy is all the fun anyhow! So let's get started . . .

ASSEMBLING THE TELESCOPE

Step 1 Attach the Alt-Azimuth mount to the tripod and tighten with the set screw as shown in Figure 1.



Figure 1 – Attaching the Alt-Azimuth mount.



Step 2 Attach the main telescope tube to the tripod head using the photo bolt screw as shown in Figure 2.

Figure 2 – Attaching the Telescope tube.

Step 3 Screw the angle prism into the back of the telescope.



Figure 3 – The angle prism screws into the back of the telescope tube.



Step 4 Finally, insert one of your eyepieces into the focusing tube, as shown in Figure 4, and you are ready to begin observing. Be sure to tighten the set screw that holds the eyepiece in place. **IMPORTANT:** There is a small flip lever next to the eyepiece assembly. This lever lets you observe using an eyepiece either (a) through the back of the telescope (as shown) or, (b) through the top of the telescope (not pictured). Make sure the flip lever is set parallel to the telescope tube as shown in Figure 4 to use observe through the back of the telescope.

Figure 4 – An eyepiece goes in the angle prism.

Step 5 Next, you can attach the optional sighting scope to the main telescope as shown in Figure 5.



Figure 5 – The optional sighting scope can be attached to the telescope tube.



Step 6 You did it. Your telescope is set up and ready to use.

Thanks again for your business. We hope you enjoy your new telescope!

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