



Assembly Guide : 76mm 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 guide is to help you assemble your telescope properly.

We know that many people are visually oriented and that pictures of the assembly process are helpful. We have put this guide together 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



Necessary Parts

For Assembly:

- 1x Telescope Tube
 - 1x Telescope Tripod
 - 2x Eyepieces (one is attached to the telescope)
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Figure 1 – Extending the tripod legs.

Step 1 Remove the tripod from the box, and extend the legs as shown in Figure 1 below.

Step 2 Unscrew the handle to loosen the up-down motion of the tripod. Set the tripod level and screw the handle in to tighten as show in Figure 2.



Figure 2 – Leveling the tripod.



Step 3 Use the hand screw beneath the tripod's mounting point to screw the telescope in to place. The viewing end of the tripod should be facing away from the handle.

Figure 3 - Mounting the telescope.

Step 4 If no light is viewable through the eyepiece, you may need to align the inner mirror. Simply twist the lens pictured in Figure 4 one full rotation, while viewing through the eyepiece. Stop once you see light.



Figure 4 – Adjusting the lens and mirror



Step 5 To change eyepieces, simply unscrew the current one to remove it. Then screw in the other eyepiece until snug.

Figure 5 – Changing the eyepiece

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

