



Assembly Guide : 60mm Refractor 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
 - 1x Angle Prism
 - 2x Eyepieces
 - 1x Finder Scope
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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 Insert the angle prism into the back of the tripod as shown in Figure 4. Tighten the thumb screw to secure the prism.



Figure 4 – Inserting the angle prism



Step 5 Slide either eyepiece into the angle prism and tighten the thumb screw to secure the eyepiece.

Figure 5 – Inserting the eyepiece

Step 6 Unscrew the two plastic nuts on the side of the telescope. This will allow you to attach the finder scope to the screws.



Figure 6 – Remove the nuts



Figure 7 – Securing the finder scope

Step 7 Place the finder scope on the exposed screws so that the larger end of the finder scope is pointing in the same direction as the telescope. Once it is in position, tighten the nuts back onto the screws as shown in Figure 7.

Done! Congratulations! You have completed the assembly of your telescope. We hope you enjoy brand new telescope! Continue reading to learn how to use the optional Barlow lenses to improve your magnification.



Optional Step 1 A Barlow lens is an additional part that allows you to multiply your magnification. To use a Barlow lens, first remove the angle prism from the telescope. The Barlow lens inserts into the telescope and tightens with the thumbscrew.

Optional Step 2 Insert either eyepiece into the other end of the Barlow lens and tighten it using the thumbscrew. You are now ready to use your telescope with the added magnification!



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