

Online Assembly Guide : 80mm Refractor Spotting 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.

Of course, the telescope comes with an assembly guide, and we were able to assemble our telescope in less than 10 minutes using that guide.

However, 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

Putting the telescope together is a snap!

Step 1: Remove the mini tripod from the carry bag, and extend the legs as shown in Figure 1 below.



Figure 1 - Extending the tripod legs.

Step 2: Next, attach the main telescope tube to the tripod as shown in Figure 2. Please notice the orientation of the tripod head (mount) in Figure 2, if you attach the telescope backwards, it won't tip upwards to the sky very well. Use the tightening nut to get a good and tight fit.



Figure 2 - Attaching the main telescope tube -- notice the orientation of the tripod head.

Step 3: Attach the sighting scope to the sighting scope mount screw on the main telescope.



Figure 3 - The sighting scope attaches to the main tube.

Step 4: Tighten the sighting scope in place with the screw provided.

Step 5: OPTIONAL You may insert the angle prism as shown below in Figure 5, or you can skip to Step 6. This depends on the viewing angle you want.



Figure 4 -- Tightening the sighting scope screw.



Figure 5 - Inserting the angle prism.

Step 6: Now you can drop any 1.25" eyepiece right into the angle prism (or the end of the main tube) and begin viewing objects.



Figure 6 - Inserting an eyepiece.

Step 7: Smile! You did it. Now go enjoy your telescope. You probably will want to align the sighting scope during the daytime because it is easier. You should do this outside and point the telescope at something at least 50 yards away. Objects will be seen upside down through the sighting scope -- this is normal! When you are looking at distant stars, it won't matter if they are upside down.

