

Assembly Guide : 60mm Reflector 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 Combine the larger and smaller portions of each leg using a tri-wing screw for each as shown in Figure 1.



Figure 1 – Connecting the legs using the tri-wing screw.



Step 2 Attach all three legs to the center connector that will hold the telescope as shown in Figure 2.

Figure 2 – Attaching a leg to the center.

Step 3 Connect the accessory tray holder to each leg with a screw as shown in figure 3.



Figure 3 – Connecting the accessory tray holder.



Step 4 Attach the accessory tray to the holder as shown in figure 4.

Figure 4 – Place the accessory tray on the middle.

Step 5 Next, one large tri-wing screw goes on either side of the telescope to attach it to the mount, as shown in figure 5.



Figure 5 – Attach the telescope to the mount using the two tri-wing screws.



Figure 6 – Screwing in the pitching clamp handle screw.

Step 6 Another screw attaches to the mount near the telescope. This screw has a hole in it as shown in figure 6 and is used to hold the long metal pitching shaft.

Step 7 Now you are ready to install the pitching shaft. Slide the long metal shaft into the previous screw and screw the other end into the telescope, as shown in figure 7.



Figure 7 – Screwing in the pitching shaft.



Step 8 Next, attach the sighting scope so that it points in the direction of the telescope. It attaches with two screws as shown in figure 8.

Figure 8 – Attaching the sighting scope.

Step 9 Make sure that the sighting scope is secure with 3 small hand screws that hold it in place, shown in figure 9.



Figure 9 – Securing the sighting scope with the hand screws.



Step 10 Now, insert the angular prism into the base of the telescope as shown in figure 10.

Figure 10 – Sliding in the angular prism.

Step 11 Finally, slide the eyepiece into the angular prism to complete the setup.



Figure 11 - Inserting the eyepiece into the angular prism.

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

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