

# Assembly Guide : 80mm 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

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**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.

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**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.**

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**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.

**Figure 4 -- Tightening the sighting scope screw.**

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**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 5 - Inserting the angle prism.**



**Figure 6 – An eyepiece goes in 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.

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

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