



Astronomy Maker Kit

Guide

This kit has everything you need to get started in learning astronomy, the natural science that studies celestial objects and phenomenon. It includes an Orion StarBlast 4.5 Equatorial Reflector Telescope, It's a real, bona-fide reflector telescope with sophisticated features that will help inspire beginning stargazers night after night.

Starting Out

The StarBlast 4.5 EQ telescope has been partially disassembled and packed into its carrying bag for easy transport, so the first thing you will need to do is assemble it. Use the included tool kit and follow the assembly instructions starting on page 3 of the instruction manual. Orion has also produced an informative video, which you can access online:

How to Set Up the Orion StarBlast 4.5 EQ Telescope

<https://goo.gl/K9aHZ2>

Once you have it assembled you will need to calibrate it, by first aligning the EZ Finder II Reflex Sight (page 6) and then setting the polar alignment (page 7). For polar alignment purposes, you should know that Centerville, Ohio, is at 39° North latitude. Again, if you prefer video instruction, you can find that online here:

How to Use the Orion StarBlast 4.5 EQ Telescope

<https://goo.gl/X1zRc3>

Additional Resources

Orion has produced many other instructional videos, on both the Orion Starblast 4.5 EQ Telescope specifically and on astronomy in general. You can find them on their site at:

<http://www.telescope.com/Video-Gallery/com/190.uts>

We have a wide selection of additional astronomy books and videos in our collection. Find them in our catalog at <http://goo.gl/ZVOsC3>

These websites have excellent information for the beginning astronomer:

Miami Valley Astronomical Society

<http://mvas.org/>

Astronomical Society of the Pacific

<https://www.astrosociety.org/>

Astronomy Magazine

<http://www.astronomy.com/>

Sky & Telescope

<http://www.skyandtelescope.com/>

Troubleshooting

If you experience problems, please contact the Reference Desk at cvref@wcpl.lib.oh.us.

Feedback

We would love to hear how your experience was! Please complete this survey:

<http://goo.gl/forms/CuU9efutyX>

Also, feel free to share your experience with us on social media:

<https://www.facebook.com/wclibrary.info>

<https://twitter.com/washcentlibrary>

