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[Jason Telescopes Manual](#)

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## ACCESSORIES:

The Model 311 Jason telescope is packed with several accessories that will add to your viewing convenience and pleasure. Therefore, before using your telescope it will be well to spend a moment studying these accessories:

**Ocular Lenses:** Three of these lenses are furnished. 5 mm, 10 mm, 15 mm. One of these lenses combined with the objective lens provides the basic optical combination for the magnification and viewing of distant objects. **The ocular lens must be used in conjunction with the diagonal.**

**Star Diagonal:** The **star diagonal** permits comfortable viewing of objects high in the sky. It allows you to look down into the telescope and see the sky without bending. The **star diagonal** may be inserted into the drawtube itself. One of the ocular lenses is then inserted directly into the **star diagonal**.

**1.5x Erecting Lens:** This unusual extra serves a dual function: the most important one is to convert the visual image right side up. (Celestial telescopes always present an upside-down image, which is satisfactory in viewing the heavens, but not suitable for viewing landscapes.) Its second function is to increase the magnifying power by 50 %. Thus when it is used with the 15 mm ocular lens the magnifying power becomes 70x. The erecting lens is attached to the drawtube itself and the ocular lens is then slipped into the erecting lens. Use of the erecting lens is not recommended with the 5 mm or 10 mm eyepieces because it too severely limits the incoming light to render a clear image. **The 1.5x erecting lens should not be used in conjunction with the diagonal or 2x barlow.**

**2x Barlow Lens:** This Barlow lens is a 2x attachment which doubles the magnification of each of the eyepieces of your telescope. The exact magnification increase is listed below in the discussion of lenses. The Barlow lens is inserted directly into the drawtube and the ocular lenses can then be inserted into it. (The Barlow lens should NOT be used in conjunction with either the diagonal prism or the 1.5x erecting lens. The source of light will not render any adequate view if these accessories are used in combination.)

**Finder Scope:** The finder scope will aid you in locating distant objects that your more powerful scope lens would have difficulty finding. Adjust the finder scope so that the cross hairs coincide with the object seen in the center of the field of the main scope. Then, once set, it will aid you in locating distant objects.

## CAUTION:

Never look directly at the sun through your telescope  
as serious and permanent damage to your eyes may result.

Use only a sun screen which is available as optional item!



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If you cannot enable JavaScript or you are having technical difficulties, please — we are always here to help! Please Enable Your Browser's Cookies Functionality Cookies are not currently enabled in your browser, and due to this the functionality of our site will be severely restricted.. We sell separate go-to computerized and GPS mounts that you can add to your purchase at a later time.. Jason 323 Telescope Manual Jason Telescopes Manual Free Looking to get into backyard astronomy or want to buy an educational gift for a youngster interested in space? We have quite a selection of manual telescopes to choose from, all hand selected by us for their quality, ease of use, and price.. A telescope with a focal length of only 600 mm, however, will yield only 30x when used with the same 20mm eyepiece.

It is not the magnification of the eyepiece Eyepiece Magnification The magnification of any telescope eyepiece used with your telescope will be the focal length of the (consult your manual) divided by the focal length of the eyepiece.

There is a manual telescope here for everyone, so grab the perfect gift for a kid, adult, beginner, or pro who wants to be blown away by up-close views of all the wonders of space.. While JavaScript is disabled, you will not be able to add items to your cart or browse all product options.. Manual telescopes make great gifts for anyone interested in space, including beginners, experts, kids, and adults.

Jason 323 Telescope Manual Jason Telescopes Manual Free Number on the Telescope Eyepiece The number on the eyepiece is the focal length of the.. Whether you want a telescope for daytime, nighttime, deep space, or the Moon and planets, our selection has got you covered.. Your is important to us, and any personal information you supply to us is kept strictly confidential.. It's easy to find the Moon or to point the telescope at random nighttime objects until you gain the knowledge to locate and focus on specific star clusters, planets, and constellations.. I really need the owners manual for the Jason 200x Mercury Astronomical Telescope Model #404 This is a very simple refractor telescope.. Whether you are looking for a Reflector, Refractor, Cassegrain, or giant Dobsonian telescope, we do what we can to bring you the absolute best options at reasonable prices. e10c415e6f