

INSTRUCTION MANUAL

Orion EZ™ Finder II Reflex Sight

#7228



 **ORION**
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Parts List

- 1EZ Finder II
- 1 Bracket
- 1CR2032 3-Volt Lithium battery

Assembling the EZ Finder II

The EZ Finder II consists of two components, not including the battery. The first step is to assemble the two components. Orient the bracket as shown and slide the grooves in its top surface into the clamp of the EZ Finder II component (**Figure 1**). Then tighten the two thumbscrews to secure the bracket in the clamp.



Figure 1. Slide the bracket into the base of the EZ Finder II main unit as shown and tighten with the two thumbscrews.

WARNING: NEVER look directly at the Sun through your telescope—even for an instant—without a professionally made solar filter that completely covers the front of the instrument, or permanent eye damage could result. Young children should use this telescope only with adult supervision.

Installing/Replacing the Battery

The EZ Finder II requires a CR2032 3-volt lithium battery. To install it, first open the battery compartment cover by lightly pressing the lock tab forward while lifting the tab (**Figure 2A**). Remove the cover. Place the CR2032 battery – positive (+) side up – under the metal retaining clip in the battery compartment (**Figure 2B**). Then replace the cover and snap it closed.

Should the battery ever die, a replacement CR2032 battery is available from many retail outlets.

Installing the EZ Finder on a Telescope

To install the EZ Finder II on most Orion telescopes, just slip the foot of the bracket into the dovetail base of the telescope, then tight-

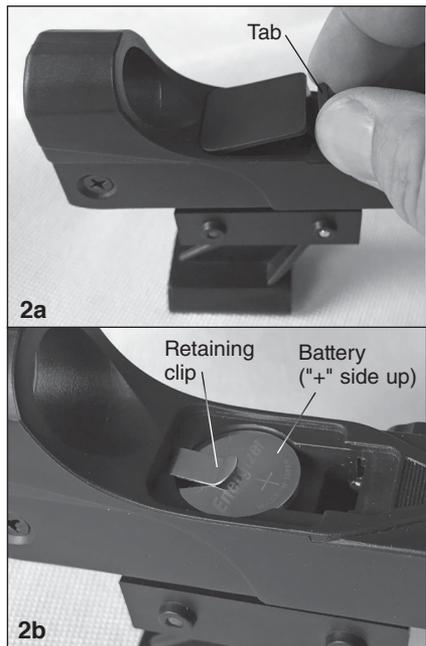


Figure 2. a) Open the battery compartment by lifting the tab. **b)** Place the battery under the retaining clip with positive “+” side up.

en the thumbscrew on the finder base to secure the EZ finder II in place (**Figure 3**).

If your telescope is not equipped with a compatible dovetail finder scope base, you may be able to add one (Orion part number 7214, sold separately).

Operation

The EZ Finder II works by projecting a tiny red dot (it's not a laser beam) onto a lens mounted in the front of the unit. When you look through the EZ Finder II, the red dot will appear to float in space, helping you locate even the faintest of deep space objects. The red dot is produced by a light-emitting diode (LED) near the rear of the sight.

Turn the power knob (see **Figure 4**) clockwise until you hear the "click" indicating that power has been turned on. Look through the back of the reflex sight with both eyes open to see the red dot. Position your eye at a comfortable distance from the back of the sight. In daylight you may need to cover the front of the sight with your hand to be able to see the dot, which is purposefully quite dim. The intensity of the dot is adjust-

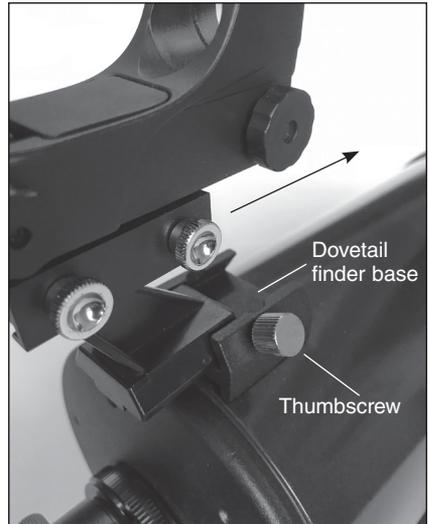


Figure 3. Slide the bracket into the telescope's dovetail finder scope base and secure it with the thumbscrew.

ed by turning the power knob. For best results when stargazing, use the dimmest possible setting that allows you to see the

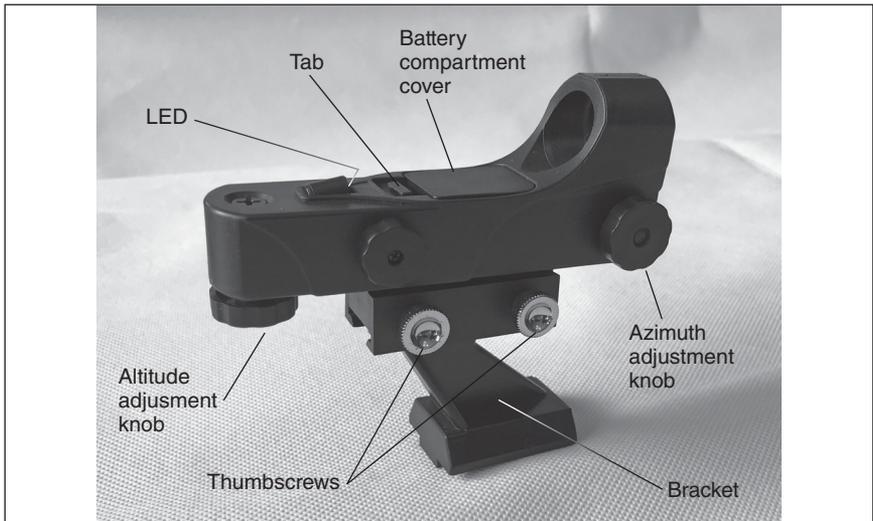


Figure 4. Familiarize yourself with the parts of the EZ Finder II.

dot without difficulty. Typically a dimmer setting is used under dark skies and a bright setting is used under light-polluted skies or daylight.

At the end of your observing session, be sure to turn the power knob counterclockwise until it clicks off.

Aligning the EZ Finder II

When the EZ Finder II is properly aligned with the telescope, an object that is centered on the EZ Finder II's red dot should also appear in the center of the field of view of the telescope's eyepiece. Alignment of the EZ Finder II is easiest during daylight, before observing at night. Aim the telescope at a distant object such as a telephone pole or roof chimney and center it in the telescope's eyepiece. The object should be at least 1/4 mile away. Now, with the EZ Finder II turned on, look through the EZ Finder II. The object should appear in the field of view. Without moving the main telescope, use the EZ Finder II's azimuth (left/right) and altitude (up/down) adjustment knobs (see **Figure 4**) to position the red dot on the object in the eyepiece.

When the red dot is centered on the distant object, check to make sure that the object is still centered in the telescope's field of view. If not, recenter it and adjust the EZ Finder II's alignment again. When the object is centered in the eyepiece and on the EZ Finder's red dot, the EZ Finder II is properly aligned with the telescope.

Once aligned, EZ Finder II will usually hold its alignment even after being removed and remounted. Otherwise, only minimal realignment will be needed.

Specifications

Weight:	2.8 oz.
Dimensions:	4-1/4"L x 1-1/4"W x 3-7/8"H
Magnification:	1x
Light Source:	red light-emitting diode (LED)
Power:	One 3-volt lithium battery (CR2032)

One-Year Limited Warranty

This Orion product is warranted against defects in materials or workmanship for a period of one year from the date of purchase. This warranty is for the benefit of the original retail purchaser only. During this warranty period Orion Telescopes & Binoculars will repair or replace, at Orion's option, any warranted instrument that proves to be defective, provided it is returned postage paid. Proof of purchase (such as a copy of the original receipt) is required. This warranty is only valid in the country of purchase.

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For further warranty information, please visit www.OrionTelescopes.com/warranty.



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