EXPLORE SCIENTIFIC



ReflexSight™

Instruction Manual

Item #: ES-REFLECT-01

WARNING: SUN HAZARD – Never look directly at the sun with this device.

DO NOT USE THIS FINDER SCOPE TO LOOK AT OR NEAR THE SUN UNLESS YOU ARE USING A SPECIAL SOLAR FILTER! EVEN MOMENTARY VISUAL CONTACT WITH THE SUN'S LIGHT RAYS CAN INSTANTLY CAUSE IRREVERSIBLE DAMAGE TO YOUR EYE(S). EYE DAMAGE CAN BE PAINLESS, SO THERE IS NO WARNING TO THE OBSERVER THAT DAMAGE HAS OCCURRED UNTIL IT IS TOO LATE. TAKE EXTRA CARE WHEN USING THE TELESCOPE OR A FINDER SCOPE DURING DAYLIGHT HOURS, AND DO NOT POINT EITHER AT OR NEAR THE SUN. DO NOT LOOK THROUGH EITHER WHEN YOU ARE MOVING THE INSTRUMENTS DURING THE DAYTIME. NEVER ALLOW ANYONE TO USE THE TELESCOPE OR A FINDER SCOPE DURING THE DAYTIME WITHOUT WARNING THEM OF THE HAZARDS OF AIMING EITHER AT OR NEAR THE SUN. MAKE SURE THAT THEY ARE ADEQUATELY TRAINED ON THE USE OF THESE INSTRUMENTS BEFORE ALLOWING THEM TO START OBSERVING. CHILDREN SHOULD ALWAYS HAVE INFORMED AND TRAINED ADULT SUPERVISION WHILE OBSERVING.

⚠ IMPORTANT SAFETY INSTRUCTIONS

READ AND FOLLOW THE INSTRUCTIONS BEFORE USE. KEEP THESE INSTRUCTIONS FOR LATER USE.



• **SUN WARNING: WARNING – NEVER ATTEMPT TO OBSERVE THE SUN WITH THIS DEVICE! OBSERVING THE SUN – EVEN FOR A MOMENT – WILL CAUSE INSTANT AND IRREVERSIBLE DAMAGE TO YOUR EYE OR EVEN BLINDNESS.** EYE DAMAGE IS OFTEN PAINLESS, SO THERE IS NO WARNING TO THE OBSERVER THAT THE DAMAGE HAS OCCURRED UNTIL IT IS TOO LATE. DO NOT POINT THE DEVICE AT OR NEAR THE SUN. DO NOT LOOK THROUGH THE DEVICE AS IT IS MOVING. CHILDREN SHOULD ALWAYS HAVE ADULT SUPERVISION WHILE OBSERVING.

• **RESPECT PRIVACY:** WHEN USING THIS DEVICE, RESPECT THE PRIVACY OF OTHER PEOPLE. FOR EXAMPLE, DO NOT USE IT TO LOOK INTO PEOPLE'S HOMES.



• **CHOKING HAZARD:** CHILDREN SHOULD ONLY USE DEVICE UNDER ADULT SUPERVISION. KEEP PACKAGING MATERIALS LIKE PLASTIC BAGS AND RUBBER BANDS OUT OF THE REACH OF CHILDREN AS THESE MATERIALS POSE A CHOKING HAZARD.

• **RISK OF BLINDNESS:** NEVER USE THIS DEVICE TO LOOK DIRECTLY AT THE SUN OR IN THE DIRECT PROXIMITY OF THE SUN. DOING SO MAY RESULT IN A PERMANENT LOSS OF VISION.

• **RISK OF FIRE:** DO NOT PLACE DEVICE, PARTICULARLY THE LENSES, IN DIRECT SUNLIGHT. THE CONCENTRATION OF LIGHT RAYS COULD CAUSE A FIRE.

• **DO NOT SUBJECT THE DEVICE TO TEMPERATURES EXCEEDING 60 °C (140 °F).**



• **DISPOSAL:** KEEP PACKAGING MATERIALS, LIKE PLASTIC BAGS AND RUBBER BANDS, AWAY FROM CHILDREN AS THEY POSE A RISK OF SUFFOCATION. DISPOSE OF PACKAGING MATERIALS AS LEGALLY REQUIRED. CONSULT THE LOCAL AUTHORITY ON THE MATTER IF NECESSARY AND RECYCLE MATERIALS WHEN POSSIBLE.



• THE WEEE SYMBOL IF PRESENT INDICATES THAT THIS ITEM CONTAINS ELECTRICAL OR ELECTRONIC COMPONENTS WHICH MUST BE COLLECTED AND DISPOSED OF SEPARATELY.
• NEVER DISPOSE OF ELECTRICAL OR ELECTRONIC WASTE IN GENERAL MUNICIPAL WASTE. COLLECT AND DISPOSE OF SUCH WASTE SEPARATELY.
• MAKE USE OF THE RETURN AND COLLECTION SYSTEMS AVAILABLE TO YOU, OR YOUR LOCAL RECYCLING PROGRAM. CONTACT YOUR LOCAL AUTHORITY OR PLACE OF PURCHASE TO FIND OUT WHAT SCHEMES ARE AVAILABLE.
• ELECTRICAL AND ELECTRONIC EQUIPMENT CONTAINS HAZARDOUS SUBSTANCES WHICH, WHEN DISPOSED OF INCORRECTLY, MAY LEAK INTO THE GROUND. THIS CAN CONTRIBUTE TO SOIL AND WATER POLLUTION WHICH IS HAZARDOUS TO HUMAN HEALTH, AND ENDANGER WILDLIFE.
• IT IS ESSENTIAL THAT CONSUMERS LOOK TO RE-USE OR RECYCLE ELECTRICAL OR ELECTRONIC WASTE TO AVOID IT GOING TO LANDFILL SITES OR INCINERATION WITHOUT TREATMENT.

⚠ **BUTTON/COIN BATTERY WARNING:** THIS PRODUCT CONTAINS A BUTTON OR COIN CELL BATTERY. A SWALLOWED BUTTON OR COIN CELL BATTERY CAN CAUSE INTERNAL CHEMICAL BURNS IN AS LITTLE AS TWO HOURS AND LEAD TO DEATH. DISPOSE OF USED BATTERIES IMMEDIATELY. KEEP NEW AND USED BATTERIES AWAY FROM CHILDREN. IF YOU THINK BATTERIES MIGHT HAVE BEEN SWALLOWED OR PLACED INSIDE ANY PART OF THE BODY, SEEK IMMEDIATE MEDICAL ATTENTION.
• A SWALLOWED BUTTON OR COIN CELL BATTERY CAN CAUSE INTERNAL CHEMICAL BURNS IN AS LITTLE AS TWO HOURS AND LEAD TO DEATH DUE TO CHEMICAL BURNS AND POTENTIAL PERFORATION OF THE ESOPHAGUS.
• DISPOSE OF USED BATTERIES IMMEDIATELY, FLAT/DRAINED BATTERIES CAN STILL BE DANGEROUS
• KEEP NEW AND USED BATTERIES AWAY FROM CHILDREN.
• IF YOU THINK BATTERIES MIGHT HAVE BEEN SWALLOWED OR PLACED INSIDE ANY PART OF THE BODY, SEEK IMMEDIATE MEDICAL ATTENTION.
• IF YOU SUSPECT YOUR CHILD HAS SWALLOWED OR INSERTED A BUTTON BATTERY IMMEDIATELY CALL THE POISONS CONTROL HOTLINE AND SEEK IMMEDIATE MEDICAL ATTENTION.
• EXAMINE DEVICES AND MAKE SURE THE BATTERY COMPARTMENT IS CORRECTLY SECURED, E.G. THAT THE SCREW OR ANOTHER MECHANICAL FASTENER IS TIGHTENED. DO NOT USE IF COMPARTMENT IS NOT SECURE.
• TELL OTHERS ABOUT THE RISK ASSOCIATED WITH BUTTON BATTERIES AND HOW TO KEEP THEIR CHILDREN SAFE.

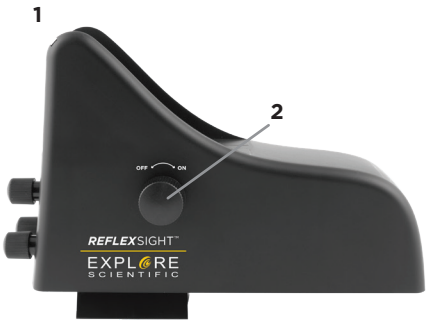
Features and Benefits

The Explore Scientific **ReflexSight™** uses time-tested functionality re-imagined with versatility and enhanced performance features. The view through the device gives the appearance of a deep-red reticle projected against the sky, allowing you to use both eyes to help you quickly and easily "star hop" using visible stars to find and center objects.
The Explore Scientific **ReflexSight™** is a zero-power finder for use on amateur or professional telescopes that can be employed as the sole or primary sight of a telescope.
Uses 2 AAA-sized alkaline batteries (included).

Features

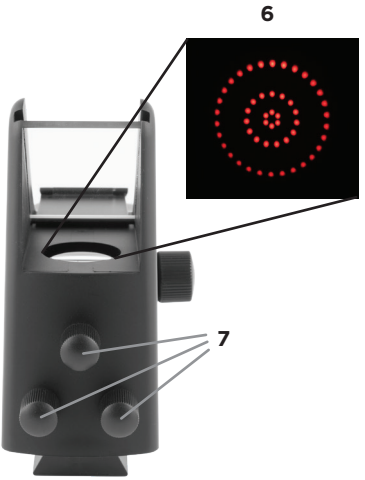
- Multi-dot reticle design in 4.0 degree, 2.0 degree, and 0.5 degree circular patterns that prevents blocking stars in the field.
- Fits on common mini-dovetail-style viewfinder bases, which allows the user to attach the device on almost any telescope without modification to the telescope.
- 1/4 x 20 threaded adapter is built into the base, allowing the device to attach to a variety of devices such as piggyback camera adapters, photo tripods, etc.
- Smooth body style eliminates sharp corners and reduces snagging.
- Easy to access battery compartment.
- Optical cover.
- Operates on two AAA batteries.
- Low power draw provides long, continuous operating time.
- Large, continuously adjustable brightness control knob with knurl. Can be operated with gloves on. Full-off click switch.
- Rear-facing, no-tool, three-point parallax adjustment knobs with knurl, that can be operated with gloves on.
- Coated lens for maximum reticle projection performance.
- Compact size.

Parts Overview



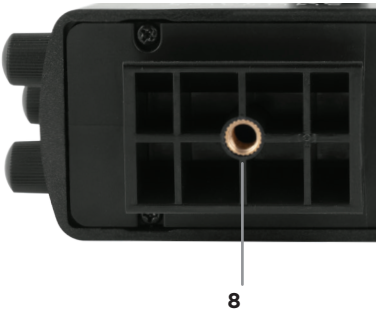






Parts List

1. ReflexSight™
2. On/Off & Brightness Knob
3. Dovetail Base
4. Projection Glass
5. Optics Cover
6. Projection Lens & Red Dot Reticle
7. Paralax Adjustment Knobs
8. 1/4 x 20 Threaded Adapter



How To Use

- To use, remove the folding optics cover by pulling upward from the projection glass, then pull the entire cover free from the device by angling the pins from the slots that are on either side of the projection lens.
- Install two AAA batteries by opening the battery compartment door (using your fingernail or a small flat-edged screwdriver) on the bottom of the Explore Scientific **ReflexSight™** (note the direction of polarity for the batteries), then replace the battery door by pushing down gently until you feel the door snap in place.
- Slide the device into a standard 30mm wide finderscope dovetail base on the telescope, with the parallax adjustment knobs facing rearward.
- Turn the reticle on by rotating the brightness control knob clockwise to full brightness.
- Aim by sighting your telescope using a low-power eyepiece at the Moon, a bright star, or a very distant object. Look through the projection glass of the **ReflexSight™** (can be used with both eyes open) and slowly turn (either clockwise or counter-clockwise) each of the three rearward facing adjustment knobs until the 0.5 degree center circle pattern is directly over the target. Repeat the process with higher power on the telescope for greater pointing accuracy.
- Before proceeding, look through the eyepiece to ensure the telescope did not move while you were adjusting the reticle. If it moved, recenter the target in the eyepiece. If you need to adjust the reticle, do so. Once the telescope and reticle are pointing at the same spot, proceed to the next step.
- Turn the brightness control knob counter-clockwise in order to see the faintest stars while maintaining enough brightness of the projected reticle.
- When your observing session is over, be sure to turn the power brightness switch to off.

Specifications

Part no: ES-REFLECT-01

- Plastic housing
- Target dots reflect sharply at 9.8 MOA
- Reflective coating
- Water resistant
- Coated lens
- Long lasting LED

Overall dimensions:
7 in L x 1.8 in W x 5 in H (18 cm L x 4.7 cm W x 12.7 cm H)
Projection glass: 1.375 in W x 2.165 in L (35mm W x 55mm L)
Weight: 0.55 lb (249 g)
Construction: Metal, glass, and plastic parts

Includes: ReflexSight™ Device; Product Badge with Serial Number; Instructions and Warranty; ES Gift-box

EXPLORE SCIENTIFIC

explorescientific.com

©2022 Explore Scientific, LLC. All model names and logos are registered trademarks.