SI-TEX®

Sirius 12 Binoculars

Operation Manual

12/4/24

Sirius 12 Binocular Operations:

Thank you very much for your purchase. This product is the stabilized binoculars "SIRIUS 12". Before using it, please read this manual thoroughly and ensure you understand all warnings and cautions.

About the Stabilized Binoculars "SIRIUS 12"

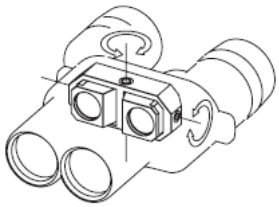
The SIRIUS 12 waterproof, stabilized binoculars are equipped with a built-in gyro sensor, allowing for quick and stable tracking of targets in unstable environments, such as helicopters, vehicles, and vessels. They effectively reduce handshakes, especially at high magnifications. When vibration reduction is unnecessary, the power can be turned off, allowing the binoculars to be used as standard binoculars.

Primary Uses

From confirming rescue subjects and tracking vehicles from helicopters above to navigating from the passenger seat of a moving car, spotting obstacles and suspicious vessels from a ship, and enjoying sports events and birdwatching.

About the Gyro Sensor

The gyro sensor detects vibrations using a 6-axis control system. The detected vibrations are processed through a gimbal mechanism and controlled by a voice coil motor, which adjusts horizontal and vertical axes.



Names of Parts

Power Switch
Diopter Adjustment Ring
Eyepiece
Strap Mounting Hole
Battery Cover
Objective Lens
Tripod Screw Hole (Bottom)
Focus Adjustment Ring

⚠WARNING and CAUTION

・Do not look directly at the sun or intense light with this device, as it may cause blindness.
・Use of this product for acts that invade privacy or may be perceived as such is strictly prohibited.
・Keep the product and its accessories out of the reach of infants and children to prevent accidents.
・This device is precision equipment. Handle it with care to avoid drops and impacts.
・Prolonged use may strain your eyes; take breaks during usage.
・Store the device in a case, avoiding high temperatures, high humidity, and direct sunlight.
・Remove the batteries before storing them if not used for an extended period.
・Disassembly or modification is prohibited. Doing so will void the product warranty.
・Do not operate a vehicle or bicycle while using this device, as it poses a risk of accidents.
・After use, wipe off any moisture and avoid exposing the device to humidity or condensation. To care for the lens, use a small amount of camera lens cleaner on a soft cloth.

Adjusting the Interpupillary Distance and Eyecups

Interpupillary Distance Adjustment:

While looking through the eyepieces, adjust the distance between the binoculars' eyepieces to match the distance between your eyes. As you view a distant object, adjust the interpupillary distance by widening or narrowing the lens spacing until the fields of view from both eyes overlap and appear as one large circle.

Eyecups:

To extend the twist-up eyecups, turn them counterclockwise. This maintains the appropriate distance between your eyes and the eyepieces, making viewing with the naked eye easier. If you are wearing glasses or sunglasses, turn the eyecups clockwise to lower them and shorten the distance between the lenses and your eyes for a more comfortable view.

Focusing and Diopter Adjustment

First, close your right eye and look through the binoculars with your left eye. Turn the focus adjustment ring to find the point where the outline of the objective lens becomes clear. Next, close your left eye and look through with your right eye. Adjust the diopter adjustment ring located just below the right eyepiece. Finally, make any fine adjustments with both eyes open. If the object changes after adjustment, only the focus adjustment ring is used to refine the tune.

Note: If your left and right eyes have the same vision, diopter adjustment may not be necessary.

Inserting the Battery and Powering On/Off

Lift the tab on the battery cover and turn it counterclockwise to open. Insert one AA alkaline battery with the positive (+) end facing you and the negative (-) end facing the back. Replace the cover and turn it clockwise to secure it. Switch the power to "ON" to turn the device on; the indicator will light green.

Note: If the device remains unused and stationary for 30 minutes, it will automatically power off, and the LED will turn off. To turn the power back on after it has automatically shut off, switch it to "OFF" and then back to "ON."

Sirius 12 Specifications

- Magnification: 12x
- Effective Aperture Diameter: 21mm
- Field of View (FOV): 4.8°
- Exit Pupil Diameter: 1.8mm
- Eye Relief: 11mm
- Minimum Focus Distance: 2.7m
- Waterproof Rating: Fully waterproof IPX7
- Battery Life: Continuous operation for 12 hours (sensor activated)
- Auto-Off Function: Powers off automatically after 30 minutes of inactivity and being stationary
- Power Source: 1 AA alkaline battery
- Tripod Socket: Yes (hands-free use possible)
- Dimensions: Width 119mm × Depth 131mm × Height 52mm
- Weight: 438g
- Country of Origin: Japan