Canon

BINOCULARS

10×30 IS II
12×36 IS III



IMAGE STABILIZER

ENG
Instructions

Thank you for purchasing a Canon product.

The Canon 10x30 IS II and 12x36 IS III prism binoculars are equipped with an Image Stabilizer that uses a vari-angle prism.
Before using the binoculars, read this instruction booklet to familiarize yourself with the proper operation.

Features

- High-performance Image Stabilizer binoculars for bird watching, spectator sports, theater events, and other everyday uses (the 10x30 IS II offers a magnification of 10x, and the 12x36 IS III offers a magnification of 12x).
- Image Stabilizer can be operated by either the left or right finger.
- Ergonomic design for easy operation and portability.

Symbols


Warning to prevent malfunction or damage to the binoculars.


Supplementary hints for using the binoculars.

Accessories

The binoculars come with the following accessories:
Case 1
Strap 1
Eyepiece lens caps.....2
AA alkaline batteries 2

Precautions for Use (Please be sure to read before use)

- Please be sure to read this section carefully beforehand in order to use your binoculars correctly and safely.
- The following safety indications are designed to prevent injury to you or others as well as damage by identifying safety information for safe, correct use of the product. Please understand what each indication means before reading the manual.

⚠ **Warning**	Denotes the risk of death or serious injury from improper handling if the information is not observed.
⚠ **Caution**	Denotes the risk of injury from improper handling if the information is not observed.
Caution	Denotes the risk of physical damage from improper handling if the information is not observed.

⚠ Warning (regarding the binoculars)



1) Never look at the sun with the binoculars. Doing so can cause loss of vision.

2) Do not place the binoculars under direct sunlight. Otherwise, the lens may concentrate the sun's rays and cause a fire.
3) Keep the plastic bags used for packaging out of reach of small children since choking may occur if swallowed.
4) If the strap is mistakenly wrapped around the neck, suffocation may result.

⚠ Caution (regarding the binoculars)

5) Do not place the binoculars on an unstable surface. Doing so may cause the binoculars to fall and could result in a personal injury.
6) Please do not use the binoculars while walking. Doing so may cause you to collide into objects or fall down and could result in a personal injury.

⚠ Caution (regarding the binoculars (con't))

7) Please do not swing the binoculars around by the strap. Doing so may cause others to be hit by the binoculars and could result in a personal injury.
8) Fingers may be pinched when adjusting the width of the binoculars. Please be aware of this when the binoculars are being used by small children.
9) When used for a prolonged period, the rubber eye cups may irritate the skin around the eyes. If you suspect that this may have occurred, please see a physician.

Caution (regarding the binoculars)

10) Binoculars are precision instruments. Do not drop them or subject them to shock. Never attempt to disassemble them.
11) The binoculars are not waterproof. Avoid exposing the binoculars to rain or water spray.
12) High temperatures can cause the binoculars to malfunction. Therefore, do not store them close to a heater or in a car under direct sunlight.
13) Avoid storing the binoculars in a laboratory or a location where chemicals are present since this may cause rust or corrosion. Also avoid storage in a chest of drawers.
14) If the lens is dirty, first use a blower brush to remove dust, etc., from the lens surface. Then use a soft, dry cloth and wipe the lens gently without scratching it. Do not use any organic solvent on the body or lenses.
15) Storing the binoculars in a humid location may cause fungus to form on the lenses or cause the lenses to become cloudy. If the binoculars are not to be used for an extended period, clean the lenses and body thoroughly and store in a well-ventilated dry place.
16) If the binoculars are taken from a cold environment to a warm one, condensation may develop on the surface and internal parts due to the sudden change in temperature. To prevent condensation, first put the binoculars into an airtight plastic bag before taking it to a warm environment. Let it gradually adjust to the warmer temperature, then take out the binoculars. Do the same when taking the binoculars from a warm environment to a cold one.

All Canon Binoculars are composed only of “Environment Friendly Lead-Free Optical Glass”. The design is derived from Canon’s corporate policy to care about our environment.

⚠ Warning (regarding the batteries)

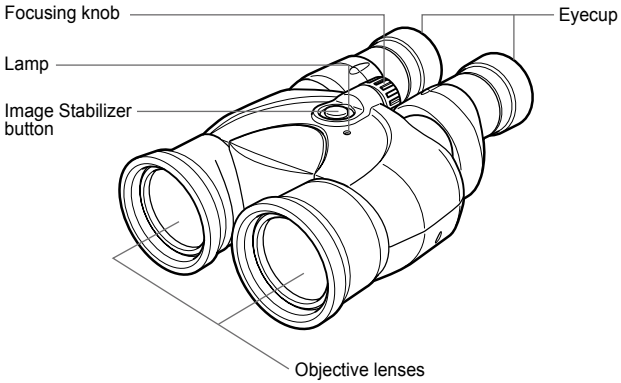
1) Please carefully check the batteries as well as the package to verify the nominal voltage rating of the batteries before use. Be sure not to use batteries with a nominal voltage rating of 1.5V or higher or batteries which have no nominal voltage information. Using such batteries may result fire, generation of smoke, or personal injury.
2) In rare cases, some AA-size lithium batteries will reach extremely high temperatures. For your safety, please refrain from using AA-size lithium batteries.
3) Never attempt to disassemble batteries, charge the batteries (except for Ni-MH rechargeable batteries), leave batteries in a hot place, short circuit the contacts, or throw them into a fire. These actions can cause battery leakage, ignitions, and explosions which may lead to fire or personal injury. (Rechargeable batteries are batteries which can be charged and reused many times.)
4) Always replace both batteries at the same time. In addition, please do not use different brand batteries together or a new battery with an old battery. Doing so can cause battery leakage, ignitions, and explosions which may lead to fire or personal injury.
5) Please remove the batteries if the binoculars are not to be used for an extended period or if the batteries have been depleted. If the batteries are left inside, they may leak, causing malfunction, corrosion, or fire.
6) Insert the batteries with the + and – terminals in the correct directions. Not doing so can cause battery leakage, ignitions, and explosions which may lead to fire or personal injury.

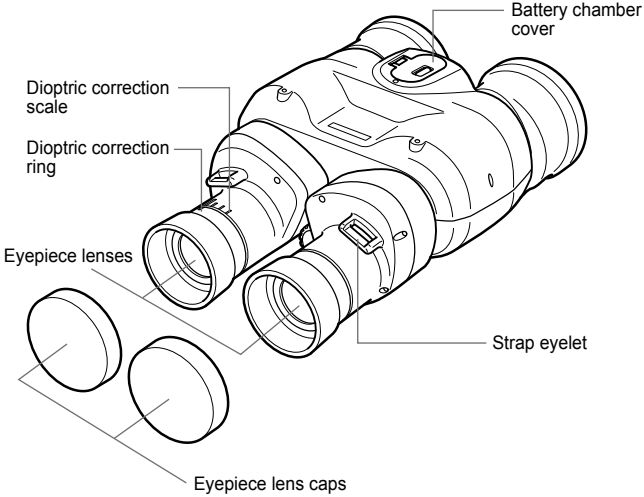
⚠ Caution (regarding the batteries)

7) If any liquid from inside the batteries leaks out and contacts your skin, be sure to wash the liquid off thoroughly.
8) If the lamp does not light even when you press the Image Stabilizer button, the battery power is low. Replace the batteries with two new batteries at the same time from the same brand.

Nomenclature

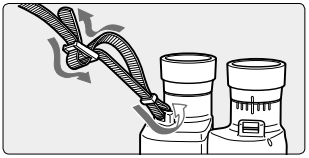
(The 12x36 IS III is shown in the illustrations.)





Before You Start

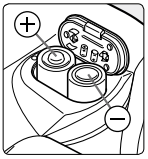
(The 12x36 IS III is shown in the illustrations.)



1 Attach the strap.

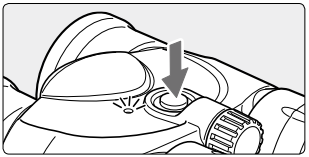
- Make sure there is no slack at the clasp, and that the strap does not loosen at the clasp when you pull it.





2 Insert the battery.

- Open the battery chamber cover, and insert the battery in the correct + and – orientation shown in the battery chamber.



3 Check that the lamp lights.

- Press the Image Stabilizer button and check that the lamp lights.

- When handling batteries, please carefully read "⚠ Warning (regarding the batteries)" and "⚠ Caution (regarding the batteries)" which are found on page 4 of this manual.
- Please use two new batteries of the same brand. Also, always replace both batteries at the same time.
- Since the shapes of battery contacts for AA-size batteries other than alkaline batteries* is not standardized, use of certain brand batteries may result in contact failure.

* An alkaline battery is a primary cell capable of electrical discharge only and designed to be used only once and discarded.

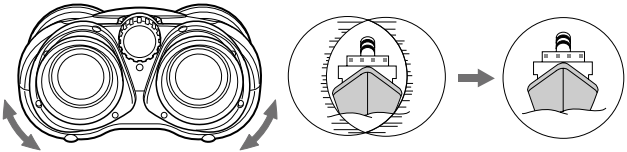
Battery Life (Continuous Use) (Based on Canon's testing conditions)

	25°C / 77°F	–10°C / 14°F
Size-AA alkaline batteries*	Approx. 9 hours	Approx. 1 hour

* Alkaline battery usage times can vary greatly depending on the brand.

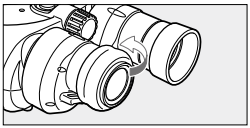
- AA-size nickel metal hydride rechargeable batteries (Ni-MH) can also be used.
- Rechargeable batteries are batteries which can be charged and reused many times.

4 Adjust the width of the binoculars.

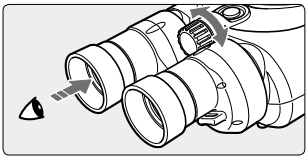


Look through the binoculars and adjust the width until the left and right images converge as shown above.

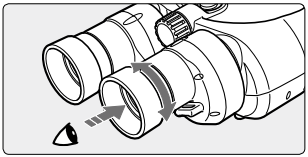
- Doing the above minimizes eye fatigue during viewing.
- When adjusting the width of the binoculars to suit the width between your eyes, look at a distant object.
- If you are wearing eyeglasses, fold back the eye cups.



5 Adjust the diopter.

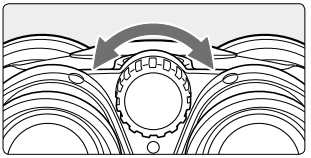


First look through the left eyepiece only and adjust the focusing knob until the object looks sharp.



Then look through the right eyepiece only and look at the same object while turning the dioptric correction ring until the object looks sharp.

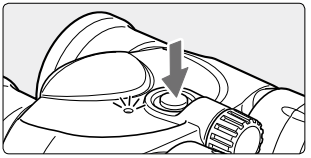
6 Adjust the focus.



Look through the eyepiece and turn the focusing knob until the object looks sharp.

Using the Image Stabilizer

While you look through the binoculars, the image may be shaking and difficult to see since your hands are holding the binoculars. In such a case, the Image Stabilizer can help steady the image.
The Image Stabilizer operates as long as you hold down the Image Stabilizer button. It stops operating when you let go of the button.



The lamp lights while the Image Stabilizer is on.

- The Image Stabilizer may not be able to compensate for severe shaking.
- In rare cases, images may momentarily appear to move irregularly during rapid panning, etc.
- Even without batteries loaded, the binoculars can still be used as is.

Troubleshooting

If there is a problem with the binoculars, first refer to the table below to see if you can resolve it. If the problem cannot be resolved, take the binoculars to your nearest Canon Service Center.

Problem	Probable Cause	Corrective Measures
The image is not clear.	The lens is dirty.	Use a blower brush to remove dust, etc., from the lens surface. Then use a soft, dry cloth to wipe the lens gently.
	The width of the binoculars does not suit the width between your eyes.	Adjust the width of the binoculars (See step 4 on page 7).
	The diopter has not been properly set.	Adjust the diopter (see step 5 on page 7).
	The binoculars are not properly focused.	Focus the binoculars (see step 6 on page 8).
The Image Stabilizer does not operate.	There are no batteries loaded.	Load batteries having enough power (See steps 2 and 3 on page 6).
	When the Image Stabilizer button is pressed, the lamp does not light.	If the lamp does not light, it means the batteries are exhausted. Replace the batteries with new ones. (Please carefully read Item 8 from "Caution (regarding the batteries)" found on page 4.)
When the Image Stabilizer is on, the binoculars make an unusual sound when shaken deeply.	The battery power is low.	Replace the batteries with new ones. (Please carefully read Item 8 from "Caution (regarding the batteries)" found on page 4.)

Major Specifications

	10x30 IS II	12x36 IS III
Type	Prism binoculars	
Magnification	10x	12x
Objective lens effective diameter	30 mm	36 mm
Real field of view	6°	5°
Apparent field of view	55.3° (Calculated based on ISO 14132-1:2002)	
Field of view at 1000 m / yds	105 m / 344 ft	87 m / 285 ft
Exit pupil diameter	3 mm	
Eye relief	14.5 mm	
Focusing distance range	Approx. 4.2 m (13.8ft) - infinity	Approx. 6 m (19.7ft) - infinity
Image Stabilizer system	Optical compensation with vari-angle prism	
Correction angle	±1°	±0.8°
Battery check	Lamp (LED) turns on	
Power	2 AA-size alkaline batteries (primary cells*1) (AA-size nickel metal hydride secondary cells*2 (Ni-MH) can also be used.) *1: A primary cell is a type of battery capable of electrical discharge only and designed to be used only once and discarded. *2: A secondary cell is a type of battery that can be charged and reused many times over.	
Operating environment	Temperature: –10°C to 45°C / 14°F to 113°F Humidity: 90%	
Dimensions (W x H x D)	127 x 150 x 70 mm / 5 x 5.9 x 2.8 inch	127 x 174 x 70 mm / 5 x 6.9 x 2.8 inch
Weight (Excluding batteries)	Approx. 600 g / 21.2 oz	Approx. 660 g / 23.3 oz

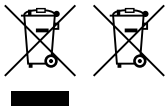
*Specifications subject to change without notice.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
Do not make any changes or modifications to the equipment unless otherwise specified in the instructions. If such changes or modifications should be made, you could be required to stop operation of the equipmet.
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.
This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is conected.
- Consult the dealer or an experienced radio/ TV technician for help.

CAN ICES-3 (B) / NMB-3 (B)

Only for European Union and EEA (Norway, Iceland and Liechtenstein)



These symbols indicate that this product is not to be disposed of with your household waste, according to the WEEE Directive (2012/19/EU), the Battery Directive (2006/66/EC) and/or national legislation implementing those Directives.
If a chemical symbol is printed beneath the symbol shown above, in accordance with the Battery Directive, this indicates that a heavy metal (Hg = Mercury, Cd = Cadmium, Pb = Lead) is present in this battery or accumulator at a concentration above an applicable threshold specified in the Battery Directive.

This product should be handed over to a designated collection point, e.g., on an authorized one-for-one basis when you buy a new similar product or to an authorized collection site for recycling waste electrical and electronic equipment (EEE) and batteries and accumulators. Improper handling of this type of waste could have a possible impact on the environment and human health due to potentially hazardous substances that are generally associated with EEE. Your cooperation in the correct disposal of this product will contribute to the effective usage of natural resources.

For more information about the recycling of this product, please contact your local city office, waste authority, approved scheme or your household waste disposal service or visit www.canon-europe.com/weee, or www.canon-europe.com/battery.

Canon

YT1-7925-001 0515Ni © CANON INC. 2015