

# Shot Navi<sup>®</sup>

## Laser Sniper<sup>®</sup> *X1 Fit2*

Laser Rangefinder for Golf

User Manual

# Introduction

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Thank you for purchasing Shot Navi Laser Sniper X1 Fit2 (hereinafter referred to as “this product” or “the product”). This product is a laser-based distance measuring device designed to improve your score and play fast.

Before first use, please read this manual and ensure correct and safe use. After reading, please store it in a place where it can be easily referenced at any time. Unauthorized reproduction of this manual is prohibited.

If you have any questions, please contact the store where you purchased the product.

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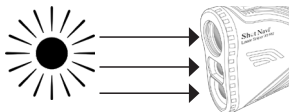
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# Safety Precautions

To ensure safe use of this product, please follow the safety guidelines outlined below. After reading, keep this user manual safely at hand for future reference. Unauthorized reproduction of this manual is prohibited.

- **Handle with Care:** Avoid dropping or impacting this product. Severe impacts may cause significant damage.
- **Operating Temperature:** The operating temperature range of this product is -10°C to 50°C. Avoid using this product in environments with sudden temperature changes, even within the range, as this is a precision instrument.
- **Avoid leaving unattended for a long time:** Do not leave this product in direct sunlight or in extremely hot or cold environments for long periods. (e.g., inside a caddy bag left in a car)
- **Electromagnetic Interference:** Avoid placing this product near equipment that generates strong electromagnetic fields or radiation during use or storage.
- **Long-Term Storage:** When not using this product for an extended period, store it in a cool and dry place. For long-term storage, place this product in a dry box to prevent damage.
- **Do not store this product in following environments:**
  1. In areas with poor ventilation and high humidity
  2. Inside a vehicle exposed to excessive sunlight or extreme temperatures
  3. In environments where humidity exceeds 90%
- **No Disassembly or Modification:** Never disassemble, modify, or attempt to repair this product yourself. Doing so may cause damage to this product and result in exposure to laser beams, which can cause visual impairment. Warranty will be voided.
- **Avoid Extreme Conditions:** Do not use this product in extremely cold, hot, or humid conditions, as this may cause malfunction.
- **Dusty Environments:** Do not use this product in dusty areas, as this can lead to malfunction.
- **Keep Away from Fire:** Do not place this product near fire, as it may cause deformation or malfunction.
- **Water Resistance:** While this product is designed to be water-resistant (equivalent to IPX4), do not intentionally expose it to water or submerge it. If there is moisture around the buttons, wipe it off before operation.
- **Make sure the charging cover is securely closed before use.**

Note: Do not store or leave with the lens exposed to direct sunlight.



The focusing effect of lens may damage the display.



## Warnings

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**Please do not do following things as it may cause visual impairment:**

- Do not look into the laser emission port. Exposure to laser light may cause visual impairment.
- Do not aim the laser at another person's eye.
- Do not operate the measurement button when this product is not in use.
- Never disassemble this product.
- Keep this product out of reach of children.
- Avoid dropping or impacting this product. If this product starts to make unusual noises, stop using and contact the store where you purchased the product.
- Do not use this product to look directly at the sun or any other strong light source.



## Attentions

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**Please do not do following things:**

- When inserting the battery, please check the +/- orientation.
- Do not use this product underwater.
- Do not store this product inside a car (inside a caddy bag in a trunk) which is under the blazing sun or exposed to direct sunlight.
- Do not use or store near heating appliances.
- Avoid sudden temperature change, as this may cause condensation on the lens.

**Note:** This product is designed to be waterproof equivalent to IPX4, and handle sweat and short periods of rain during use. However, do not expose it to prolonged rain or immerse it in water. When a drop of water gets on the main unit, wipe off moisture promptly and allow it to dry in the shade.

## Precautions for Lithium Battery

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- Do not disassemble or modify the battery, as this may cause leakage, overheating, or fire.
- Do not throw the battery into fire or store it in high-temperature environments, as this may cause leakage, overheating, or fire.
- Do not carry the battery in a condition where metal objects such as coins or keys can come into direct contact with it (e.g., inside a pocket or bag), as this may cause leakage, overheating, or fire.
- If leaked battery fluid comes into contact with your skin, wash it off immediately with water. If it enters your eyes or mouth, do not rub; rinse thoroughly with water and seek medical attention.
- Keep lithium batteries out of reach of children.
- Follow the disposal regulations of your local municipality when disposing of lithium batteries.

## Maintenance

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Remove dust from the main unit using a blower or air duster, or gently wipe it with a soft clean cloth.

As with the main unit, dust on the lens should be lightly wiped with a blower, air duster, or soft clean cloth. For fingerprints and other smudges, wipe with a commercially available lens cleaner, etc. Wiping the lens while dust or dirt is still on the surface may damage the lens.

## Before Using on the Golf Course

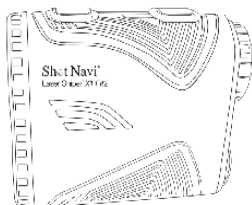
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This product calculates distance by measuring the time it takes for a laser beam to travel to the target and return. The accuracy of the measurement may be affected by environmental factors, such as the color, shape, and material of the target area, as well as weather conditions.

- ⚠ Do not use this product to look directly at the sun or any other bright light sources. When the sun is low in the sky in the early morning or at dusk, there is a risk of accidentally looking at it, which can cause damage the device and affect measurement accuracy.

# Contents List

Main Unit



User Manual /  
Warranty Card



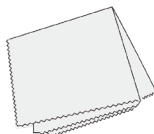
Carrying Case



Strap



Lens Cloth



## CR2 Lithium Battery (Sample for Operation Check)



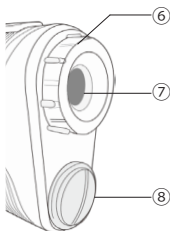
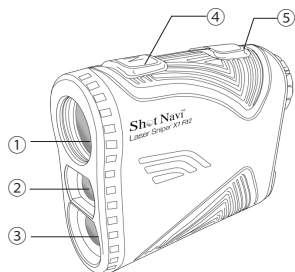
The CR2 lithium battery included with this product is a sample battery for operation check.

Please remove the protective film between the cap and the battery before use.

For actual use, prepare a new CR2 lithium battery (sold separately).

**⚠ Store this product and the battery out of reach of children.**

# Parts Names



- ① 6x Telephoto Lens      ② Laser emitting unit      ③ Laser Receiver

**⚠ Do not look directly into this part since the laser light can cause visual impairment.**

**④ Mode Switch Button (Meter/Yard)**

Short press: switch distance unit (m/y)

Long press (approximately 10 seconds): height difference measurement ON/OFF

**Note:**The unit is set to yards (Y) at shipment

**Note:**The device is set to height-difference measurement ON by default when shipped.

**⑤ Power/Measurement Button**

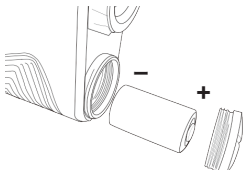
Short press: power ON.

shot measurement when power is turned on

Long press (hold): scan measurement

- ⑥ Focus Adjustment Ring      ⑦ Viewfinder      ⑧ Battery Cover

## Insert/Replace the battery



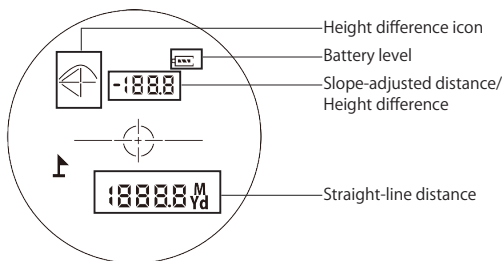
1. Turn the battery cover counterclockwise to open it.

2. Insert the CR2 lithium battery with the positive side (+) facing up (see the diagram on the left).

3. Once the battery is inserted, turn the battery cover clockwise to securely close it.



# Screen Display Explanation



Displayed during an uphill shot.



## Target mark:

Center this mark on the target for measurement.



Displayed during a downhill shot.



## Pin flag:

When you press and hold the measurement button, it blinks.



Slope-adjusted distance considering height difference (uphill)



Slope-adjusted distance considering height difference (downhill)

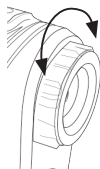


## Current Distance Unit:

M: Meter

Y: Yard

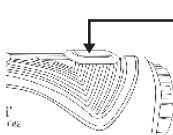
## Adjusting Focus



If it is difficult to see, turn the adjustment ring to adjust.

# Measuring

## Power ON/OFF



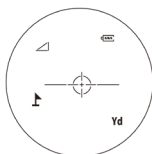
Look through the viewfinder and short press the power/measurement button to turn the power on. When the power is turned on, the display becomes visible in the viewfinder. If no operations are performed for about 10 seconds, the power automatically turns off.

Note: If the display does not appear, please check whether the battery is properly installed and if there is sufficient battery power.

## Measurement Modes

### ① Shot Measurement

This mode allows you to measure the distance to a target aligned with the center of the viewfinder.

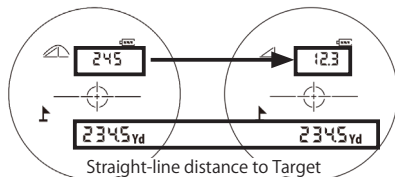


1. Align the circle displayed at the center of the finder with the target, and press the measurement button again while the device is powered on.

2. The measured distance is displayed.

### Slope-Adjusted Distance

### Height Difference



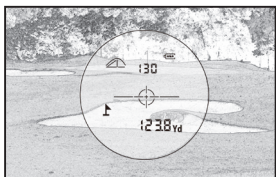
Note: The display automatically switches from the slope-adjusted distance to hit to the height difference.

Note: If the pin flag cannot be measured accurately, please refer to the "Scan Measurement" described on page 11.

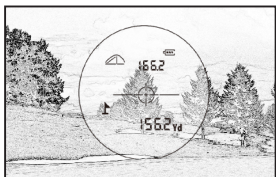
Note: For details on the slope-adjusted distance considering height difference, please refer to Page 12.

## ② Scan Measurement (Press and hold the measurement button.)

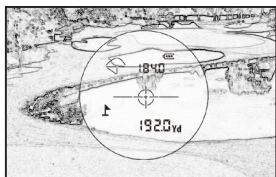
This function is useful when you want to measure the distance to multiple targets such as bunkers, creeks, or trees simultaneously.



1. While the device is powered on, align the circle with the target and press and hold the measurement button. The pin flag blinks.



2. Continuously measure the distance to the target you want to measure.



3. Release the power/measurement button, and the device vibrates to indicate that the measurement is complete.

Note: When measuring a pin flag using scan measurement, first measure the target behind the pin flag (such as a tree), then aim at the pin flag.

# Turning Height Difference Measurement ON/OFF



## Height Difference Measurement OFF

When participating in competitions etc. where height difference measurement is not allowed, you can turn this feature off. While the device is powered on, press and hold the Mode Switch Button for approximately 10 seconds. Height difference and slope-adjusted distance display is hidden.



## Height Difference Measurement ON

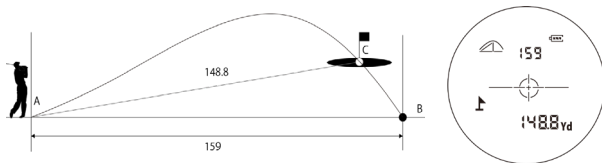
To return height difference measurement to on, press and hold the Mode Switch Button for about 10 seconds while the device is powered on. The height difference, slope-adjusted distance is displayed.

Note: The device is set to height-difference measurement ON by default when shipped.

# Slope-Adjusted Distance

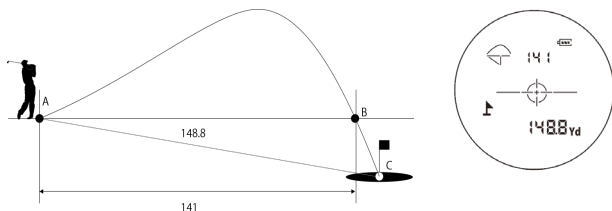
## Uphill Example

If you hit based on the straight-line distance ( $AC = 148$  yards), the ball may not reach the pin due to the uphill slope. To reach the pin, you need to hit based on the horizontal distance ( $AB = 159$  yards). This product automatically displays both AC (straight-line distance) and AB (slope-adjusted distance).



## Downhill Example

If you hit based on the straight-line distance ( $AC = 148$  yards), your ball overshoots the pin due to the downhill slope. To reach the pin, you need to hit based on the horizontal distance ( $AB = 141$  yards). This product automatically displays both AC (straight-line distance) and AB (slope-adjusted distance).



Note: The slope-adjusted distance is displayed only when the height difference is set to ON.

# Product Specifications

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<b>External Dimensions:</b>	89 x 72 x 36 mm
<b>Main Unit Weight:</b>	138g (Excluding battery)
<b>Battery:</b>	CR2 lithium battery × 1
<b>Measurement Range:</b>	10~1,093 yards (10~1,000 meters)
<b>Measurement Accuracy:</b>	± 1 meter
<b>Magnification:</b>	6x
<b>Laser Wavelength:</b>	905 nm
<b>Laser Classification:</b>	IEC 60825-1 Class 1M Laser Product
<b>Lens Diameter:</b>	21 mm
<b>Operating Temperature:</b>	-10°C ~50°C
<b>Storage Temperature:</b>	-20°C ~60°C
<b>Water Resistance:</b>	Equivalent to IPX4 (splash-proof level)

# FAQ (Frequently Asked Questions)

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Q. The device won't turn on.

A. • Please check if the battery is installed.

- Please check if the battery is inserted with the correct polarity (  $\pm$  ).
- Please check if the power button is pressed.
- Please check the battery level.

Q. The distance measurement seems incorrect.

A. • Make sure the lens is clean.

- Make sure that the target is properly aligned with the crosshairs.
- Check if the measurement results are not correct after changing the target.

Note: Laser distance measurements are calculated based on the time it takes for the laser to reflect off a target. The following conditions may affect accuracy.

■ In case of rain or fog.

■ When it is difficult to aim the laser at a target object (e.g., target object is small or thin).

■ When the laser does not bounce back well from the target object (e.g., target object is black, complex shape or curved surface, water surface, glass surface, mirror surface, etc.).

■ When sunlight enters the lens directly, such as when the sun is low in the sky and backlit.

**⚠ Avoid looking directly at the sun or its surroundings for eye protection.**

# After-Sales Service

If the product malfunctions under normal use as outlined in the instruction manual, it is repaired or replaced free of charge within one year of the purchase date. If repair or replacement is necessary, please bring the product and the warranty card to the store where it was purchased. We provide after-sales service to our customers in accordance with the following. Please agree to these regulations before requesting after-sales service.

## 1. Repair and replacement policy

- 1.Items sent with the defective product may not be returned. Please remove any items that were installed after the customer purchased the product before sending it to us.
- 2.Products sent to us are repaired or replaced at our discretion. In the interest of environmental protection, we may use recycled parts for repair or replacement.
- 3.The specifications of the product and its accessories may be subject to change.
- 4.Our repair service is available only within the country where you purchased the product.

## 2. In the event of a repair refusal

- 1.In the case of improper repairs, disassembly, or modification.
- 2.Products that are believed to have been damaged during transport due to insufficient packaging.
- 3.If the damage is severe and the company determines that repair would not be able to maintain functionality.
- 4.If water ingress or signs of water damage are found on the product, such as from submersion.

## 3. Repair fees

After the warranty period, after-sales service incurs a charge. For detailed pricing, please contact to the store where it was purchased.



# Warranty

- 1 If the product malfunctions within the warranty period under proper use in accordance with the instructions in the manual, it is repaired or replaced free of charge.
  - A. To request an inspection, please bring and present the equipment and this manual to the store where you purchased it.
  - B. Support is limited to the country where the product was purchased.
- 2 Even within the warranty period, the following cases result in a paid repair.
  - A. Malfunctions or damage caused by misuse, unauthorized repairs, or modifications.
  - B. Malfunctions or damage caused by transport and drops after purchase.
  - C. Malfunctions or damage caused by fire, earthquakes, water damage, lightning, or other natural disasters, abnormal voltage, or the use of an inappropriate power source.
  - D. Malfunctions due to strong shocks (dropping, twisting, crushing, etc.).
  - E. Replacement of consumable parts and accessories.
  - F. Malfunctions due to leaving the product in abnormally high temperatures (such as on the vehicle's dashboard, in the trunk, or under direct sunlight) or in extremely low temperatures.
  - G. Malfunctions due to water damage, such as exposure to rain.
  - H. Scratches or other changes in appearance that occur during use.
    - I. If the warranty card is not presented, if the required information (such as date of purchase, customer name, and dealer name) is not filled in, or if it has been altered.
  - J. Products purchased through auctions or personal transactions are not covered by the warranty.
- 3 The warranty is valid only within the country where you purchased the product. Please keep the warranty card in a safe place as it is not reissued.

Note: If the product is damaged due to dropping, being stepped on, run over by a cart, struck by an object, or subjected to pressure from being carried in a pocket, repair costs are charged.

Note: We may use the personal information (warranty certificate copy) provided by you for purposes such as free repairs during the warranty period and subsequent safety inspection activities.

#### 4 Important Notes Regarding Global Support.

- A. Repairs for a product are generally carried out in the country where you purchased it.
  - B. There may be restrictions on shipping and handling repaired items to other countries. Please contact the store where you purchased the product for more information.
- Note: This warranty shall be valid only within the country where you purchased the product. For sale and use in the country only. Commercial use and rental prohibited.