



Golf Rangefinder



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## Quick Start Guide

### Measurement range

Reflective range: 5~1000Y

Tree range: 5~500Y

Flag range: 5~400Y by range mode

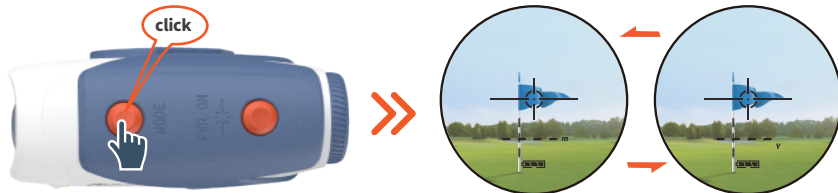
### Focus adjustment

Rotating the eyepiece until the reticle and object display to your eye clearly. GX6 range finder is constructed with an adjustable eyepiece (+/-3 Diopter). People with different visions don't need to wear glasses, they can observe LCD with naked eyes.



## Units switch

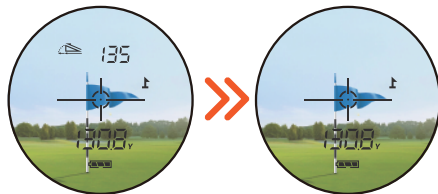
The GX6 rangefinder can be used to measure distances in yards, meters. To switch the Units, just click the "MODE" button to switch yards, meters. The unit of measure indicator is located in the lower right portion of the LCD (as shown in the figure below).



## Slope switch with indicator light

### Independent slope switch button

- There is a separate button on the outside of the product as a slope switch, which makes the operation easier and more convenient. As shown on the right.
- Turn the slope on or off with a click.



### Indicator light

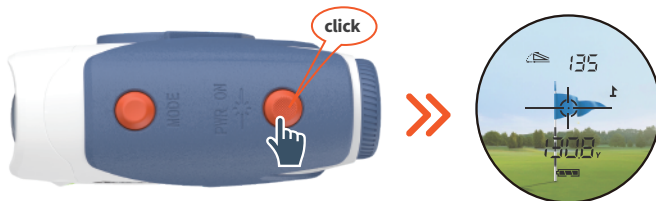
- There is an indicator light on the outside, which is convenient to understand the slope on/off status. As shown below.
- Light flash: SLOPE OFF  
Light off: SLOPE ON



## Range mode

**[1]** Look at LCD through the eyepiece, you will see the display as below picture.

**Tips:** Make sure the mode switches to the Range mode, as shows below.



## **[2]** Operation method

After switch to the Range mode, click "POWER " button again to measure.

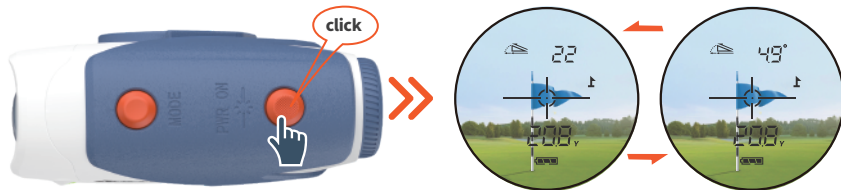
(The laser rangefinder will auto power-off if no operation within 8 seconds).

Placing the aiming circle (located in the center of view) on a target over than 5 yards away, click "POWER" button. The angle, slope compensation distance and straight line distance will be displayed on the LCD.

Measurements of targets up to 300 meters will be accurate to one decimal with a decimal point, and beyond 300 meters to a whole number.


For the parabolic distance of uphill / downhill slope. Please refer to Page 9 "Golf mode example".

**Tips:** When the target's background is single or the target is large, just need use Range Mode that click the "POWER" button to measure. When the target background is complicated or it is difficult to measure the distance by pressing "POWER" button, you can use Flag Lock Function.




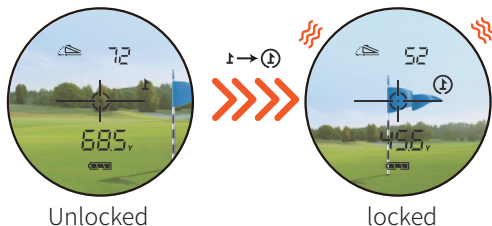


## Flag lock mode with continuous scan function

**Lock mode sign:** After you lock onto flag successfully, the circle on flag sign will show  → .

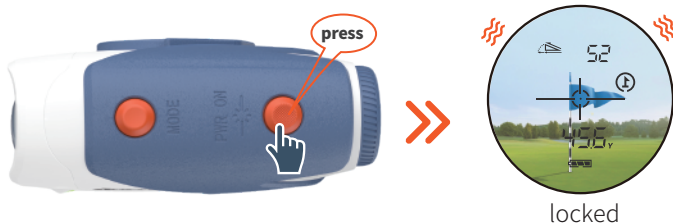
### 1.Flag lock mode (from far to near)

**Method:** Pressing “POWER” button and scan from far to flag, at the same time, the circle on the flag will show , you will get distance and feel vibration.



## 2.Flag lock mode (align the flag)

**Method:** Align the flag and keep still, press "POWER" button to get distance. At the same time, you will feel vibration and the circle on flag sign will show.



**Note:** Within 50 yards, the flag is large. According to the working principle, laser can't measure the distance difference between two targets. It won't vibrate, but can measure distance normally. Above 50 yards, the flag is small. According to the working principle, laser can measure the distance difference between two targets. It will vibrate, and measure distance normally.

## Continuous scan after locking successfully

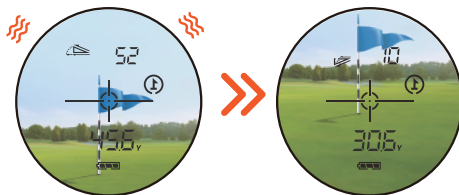
After locking successfully, holding "POWER" button and move to closer targets(above 5 m/6 Y)can active "Continuous scan function".

After activating "Continuous scan function", you can only get the closer target's reading.

**Notice 1:** After activating "Continuous scan function", it can keep on scan with 10 seconds, which is the maximum work time of laser. After 10 seconds, it will stop reading, and LCD will display the last target's data you measured.

**Notice 2:** To use this "Continuous scan function" again, just repeat the above operation.

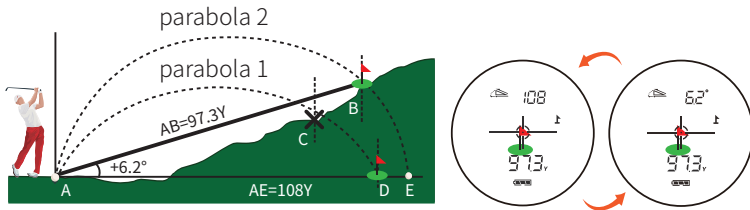
**Notice 3:** To use "Continuous scan function", do not release "POWER" button after locking successfully, you should press "POWER" button to closer targets.



## Golf mode example

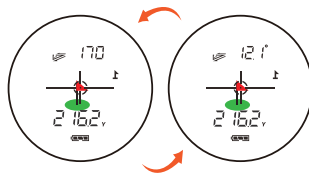
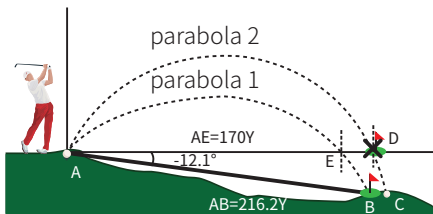
### Distance measurement of ascending slope: Slope is farther than the straight-line distance.

Distance between AB points=distance between AD points in a straight-line 97.3Y. Hit the ball in accordance with the distance measured with the strike parabola, the angle of slope is  $+6.2^\circ$ , and the ball will arrive at the point C. To reach the point B, the trajectory of the ball needs to follow the parabola 2. The actual hitting distance at this time is the straight-line distance between point A and point E, i.e. 108Y.



## Distance measurement of downward slope: Slope is less than the straight-line distance.










Distance between AB points= distance between AD points in a straight-line 216.2Y. Hit the ball in accordance with the measured distance with the strike parabola 2, the angle of slope is  $-12.1^\circ$ , the ball will arrive at the point C. To reach the point B, the trajectory of the ball needs to follow the parabola 1. The actual hitting distance at this time is the straight-line distance between point A and point E, i.e. 170Y.



## Product Specifications

1.	Model	GX6
2.	Size	96x78x42 mm
3.	Weight	166 g
4.	Power source	3.7V 450mAh
5.	Reflective range	5-1000 Y
6.	Tree range	5~500 Y
7.	Flag range	5~400 Y
8.	Measurement deviation	$\pm 1Y$
9.	Magnification	7 Times
10.	Objective diameter	24 mm
11.	Eyepiece diameter	16 mm
12.	Exit pupil diameter	4 mm
13.	Laser wavelength	905 nm
14.	Laser type	Class 1
15.	Diopter	$\pm 3$
16.	Operating temperature	-10~50 °C
17.	Storage temperature	-20~60 °C
18.	IPX rating	IPX4 waterproof

## Display Overview

		Uphill display: The target is uphill
		Downhill display: The target is downhill
		Display order: slope, angle then slope
		Lock mode sign: Icon change comparison
		Battery indicator
		Measuring distance: Straight-line distance
		Target marker: Please superimpose the centercircle with target object to be
		Distance unit display: The distance unit at your option

## Included Accessories

- \*Laser rangefinder\*1
- \*Instruction manual\*1
- \*Handbag\*1
- \*Lanyard\*1
- \*Cleaning cloth\*1
- \*Charging cord\*1
- \*Carabiner\*1





## Component Names

- ① Units button (m: Meter/Y: Yard)
- ② Power/reading button
- ③ Rotary focusing
- ④ Slope switch button
- ⑤ Slope switch indicator light
- ⑥ Laser transmitting objective lens
- ⑦ Laser receiving objective lens
- ⑧ BITE magnet



## Bite Magnetic Mount

The GX6 features a powerful BITE magnet incorporated into the right side of its housing, which allows the device to be securely attached to a golf cartbar or frame.



**Warning: bite feature included with the device contains a neodymium-iron-boron magnet(ndfeb magnet). magnets could affect the functioning of pacemakers andimplanted heart defibrillators. if you use these devices, keep a sufficient distance from the magnet. also, warn others who wear these devices from getting too close to magnets.**

- The magnet may permanently lose part of its adhesive force if exposed to temperatures above 175°F(80° C).
- Magnets produce a far-reaching, strong magnetic field. They could damage TVs and laptops, computer hard drives, credit and ATM cards, data storage media, mechanical watches, hearing aids, and speakers. Keep the unit away from devices and objects that strong magnetic fields could damage.
- Magnets have strong magnetic fields which can pinch skin and fingers. Use caution when attaching the unit to a metal bar.

## Charging Instructions & Warnings

### Charging display:

The battery level is displayed as follows:



**Charging indicator:** During charging, the external light will flash regularly (green), and when full, the light will remain green.

### Use the appropriate charger:

This product features a USB C-Type interface with a charging specification of 5V/1A. Please use a power adapter with an output of 5V/1A for charging. Do not use fast-charging adapters, as they may cause product damage or prevent charging.

(The product package does not include a power adapter).



**Charging time:**

Before initial use, it is recommended to fully charge the rangefinder. Typically, charging takes approximately 2-3 hours.

**Tips:**

A full charge supports up to 12,000 measurements.

Product cannot be used while charging.

**Avoid overcharging:**

Disconnect the charger promptly after the device is fully charged to prevent overcharging, which may affect battery life.

**Tips:**

Do not disassemble and modify the product by yourself. Do not put it into fire or store it under high temperature. Prevent leakage of electricity, heat, fire, etc.

## **Safety Guidelines**

- Preventing your instrument from falling or getting damaged and never tamper it. If there is abnormal noise, please contact customer service department of our company.
- The operating temperature for this product is -10 °C ~ 50 °C. Please use or keep the instrument within the operating temperature range and avoid using in a sharp temperature change environment.
- Please do not keep the product under the sunlight directly, high temperature or low temperature environment for a long time. (e.g. in trunk of car).
- Do not expose and aim at the sunlight.
- Do not use or store the product in the environment with strong electromagnetic radiation or magnetic field.
- If the product isn't be in use for a long time, please remove the battery and store it in a cool, dry place. It is also recommended to put this product in a dry box.

- Do not disassemble, modify or repair the product by yourself, the damage of the instrument and the irradiation of the laser may cause the visual damage and other harm.
- Please do not use it in dusty areas in order to avoid failures.

### **Warning!**

- Do not look at the laser transmitting objective lens ⑥.
- Do not measure eyes of others.
- It is forbidden to detach this product yourself.
- It should be kept out of reach of the children.



**Warning**

### **Attention!**

- It is normal for lens to be wet when the temperature changes suddenly. In this situation, remove the battery and do not use the device until it becomes dry.

- Moving from a cold place to a hot room of the product may dew on the appearance and internal parts. To avoid this phenomenon, please put the device in a waterproof plastic bag and take it out after its temperature has gradually increased.
- To avoid failures, do not store the product in:
  1. Unventilated and humid places
  2. The car or trunk exposed to the sun
  3. Environment with humidity over 90%

**Tips:**

Please don't preserve or place the lens under the sun! Its radiation convergence function can harm the LCD.



## **Operation & Ranging Accuracy**

The GX6 range finder emits invisible, eye safe, infrared energy pulses. Sophisticated digital technology instantaneously calculates distances by measuring the time, which it takes for each pulse to travel from the rangefinder to the target and back to rangefinder. The color, surface smoothness, size and sharpness of target will affect its reflectivity and range. It is difficult to test in the following conditions and environments:

Raining or fogging/Target is too small/Low reflectivity of the measured object (dark color, complex shape, curved surface, water surface, glass surface, mirror surface.etc.)/Low battery.

## **Maintenance & Care**

Gently wipe the surface of lens with a clean, soft cloth to remove stains which would damage it. If there are stains on the surface of the lens, which may damage lens. Do not touch the lens with your finger to protect the coating from the appearance.



## Customer Support/Warranty

### Q1: How to contact us?

Method1: Follow our Instagram  **"aofar\_official"**, then directly message us

Method2: Send your questions to our mailbox **"service@aofar.com"**

Method3: Visit our website **"www.aofar.com"**



Instagram

### Q2: How to get vip warranty?

Register your VIP warranty: **<https://www.aofar.com>**



Website

### Q3: How to watch aofar videos?

Subscribe to YouTube channel: **"aofar\_official"**



YouTube



Name: Range Finder	Manufacture Date: 2025
Model: GX6	Serial Number: 1561802004
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