Dormie

T100 PRO

Golf Rangefinder

Start Guide

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Quick Start Guide

Measurement range

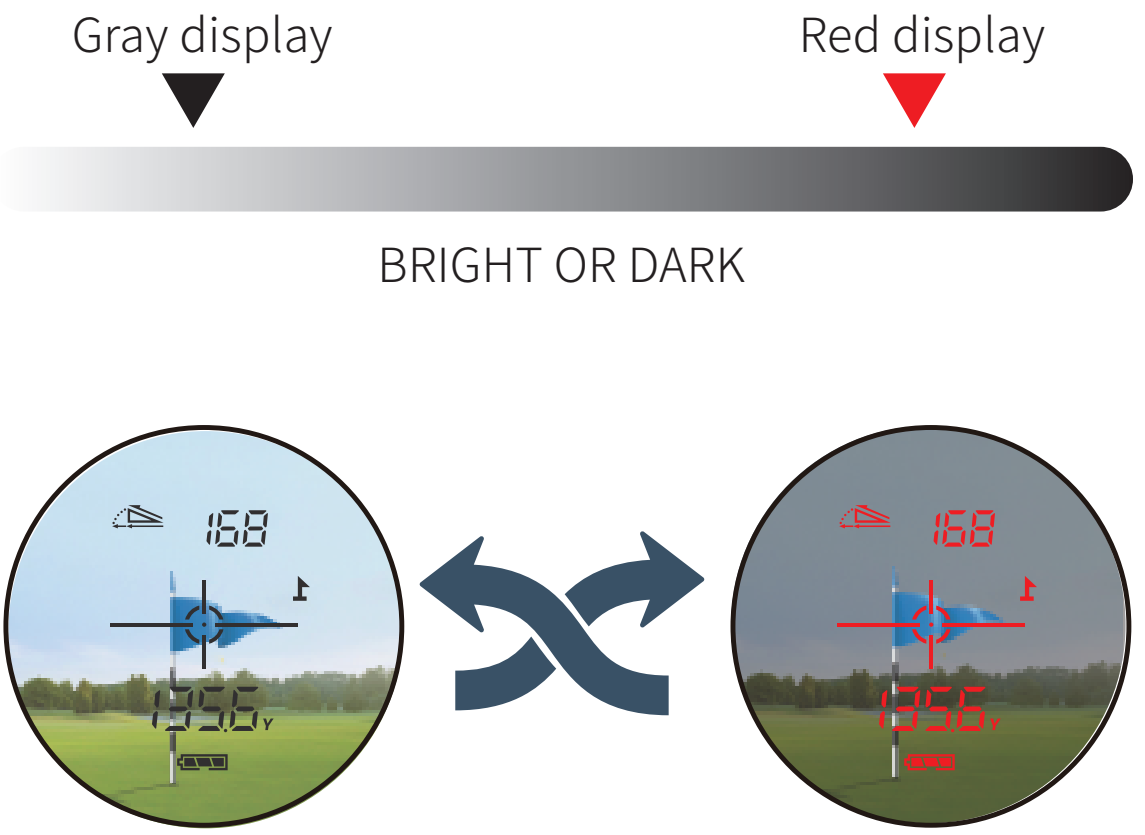
Reflective range: 5～800Y
Tree range: 5～500Y
Flag range: 5～400Y by range mode

Focus adjustment

Rotating the eyepiece until the reticle and object display to your eyes clearly.
T100 PRO 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.

Auto ambient display

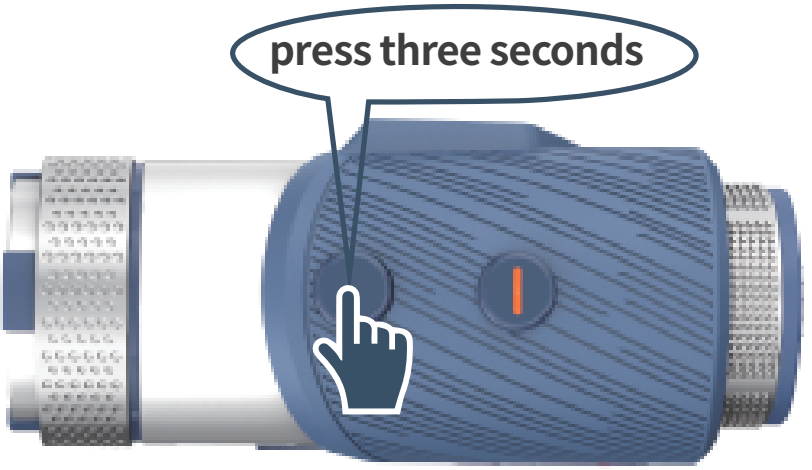
The Auto-Ambient Display automatically changes the display color based on the environment.
In light environments, the display will show gray. In dark environments, the display will show red.

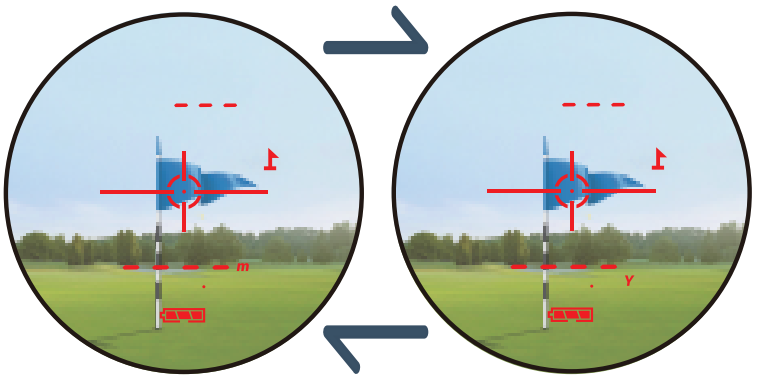


Functions of "MODE" button

【1】Units switch

To switch the Units, just press the "MODE" button for 3 seconds to change "Y" (yard) and "m" (meter).
The T100 PRO rangefinder can be used to measure distances in meters and yards. The unit of measure indicator is located in the lower right portion of the LCD (as shown in the figure below).

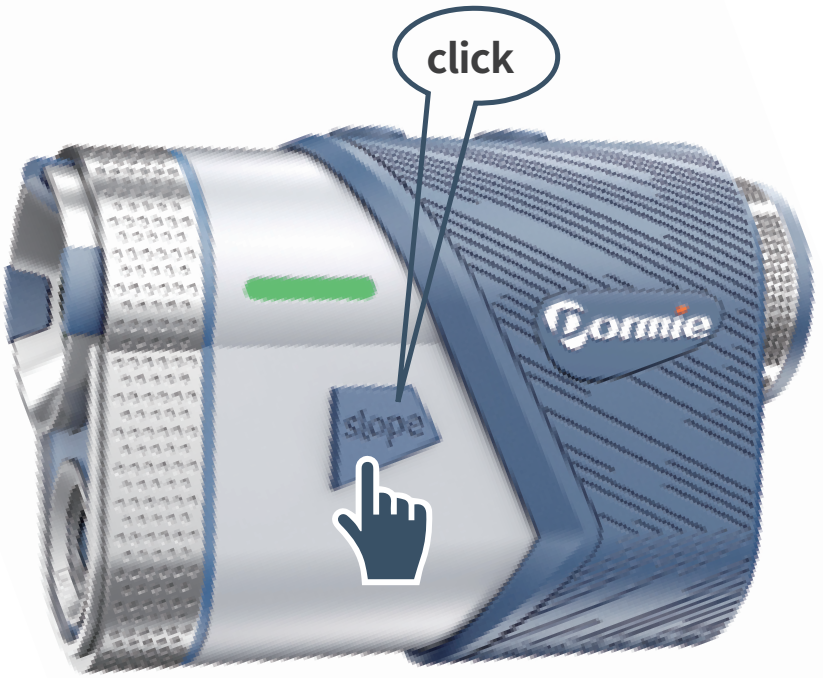




【2】Slope switch with indicator light

To turn off the slope compensation function, just click the "slope" button .

The slope compensation distance and angle at the top of the display disappear and only the straight-line distance at the bottom are shown.



This function is designed for golf tournament compliance.

If you want to turn on the slope, just click the "slope" button again.

Indicator light

There is an indicator light on the outside, which is convenient to understand the slope on/off status. As shown on the below.

Green light flash: slope off

Green light off: slope on

Green light flash

Green light off

Range mode

【1】Look at LCD through the eyepiece, you will see the display as below.

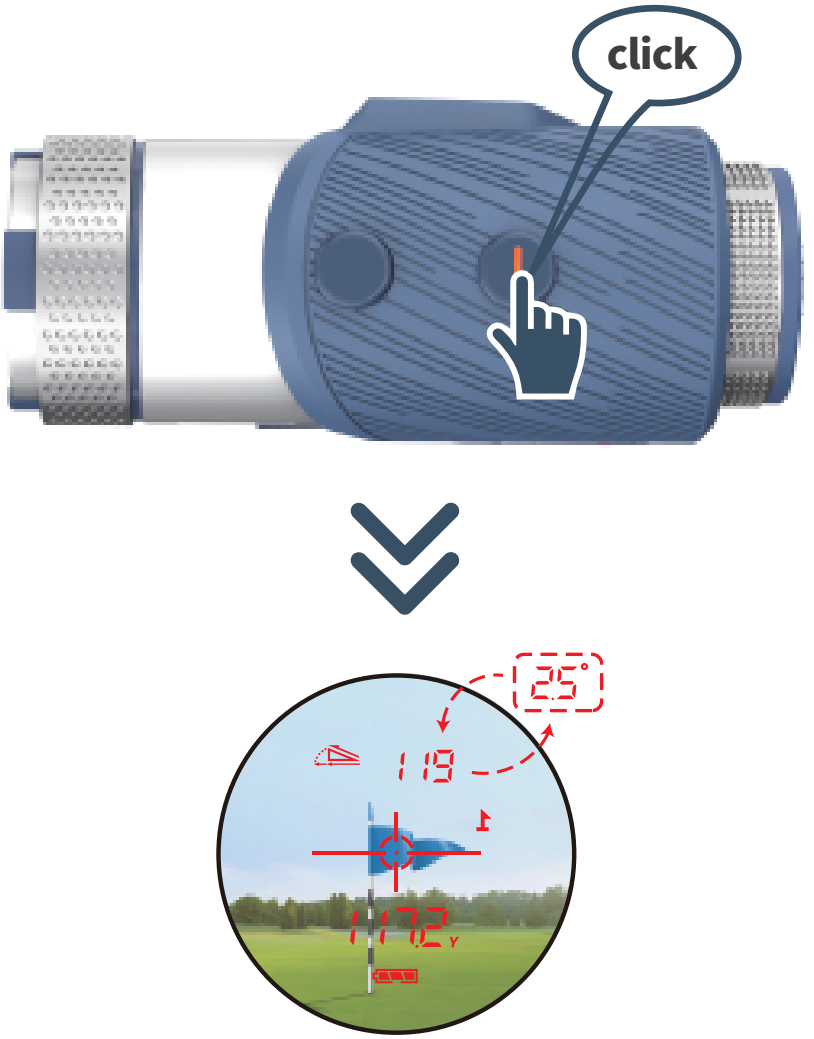
Tips: Make sure the mode switches to the Range mode, as shown below.

【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 11 "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.

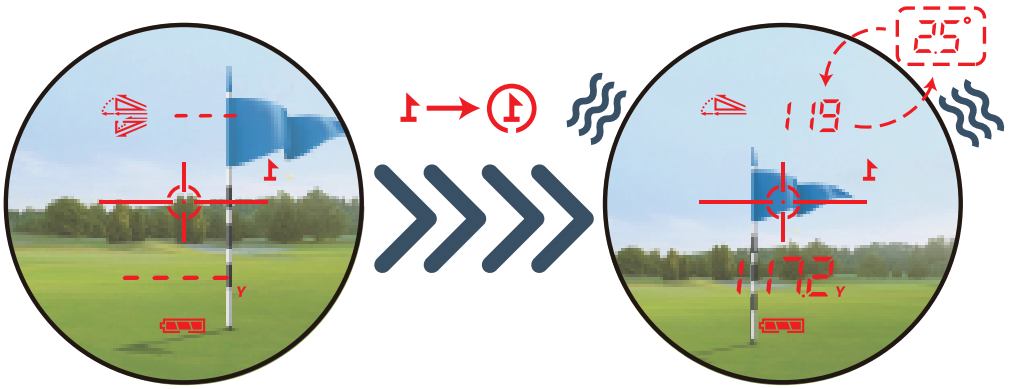
When the target background is complicated or it is difficult to measure the distance by pressing "POWER" button, you can use Flag lock function.

Flag lock function with continuous scan

Lock mode icon: After you lock onto flag successfully, the circle on flag sign will shows .

1.Flag lock function (from far to near)

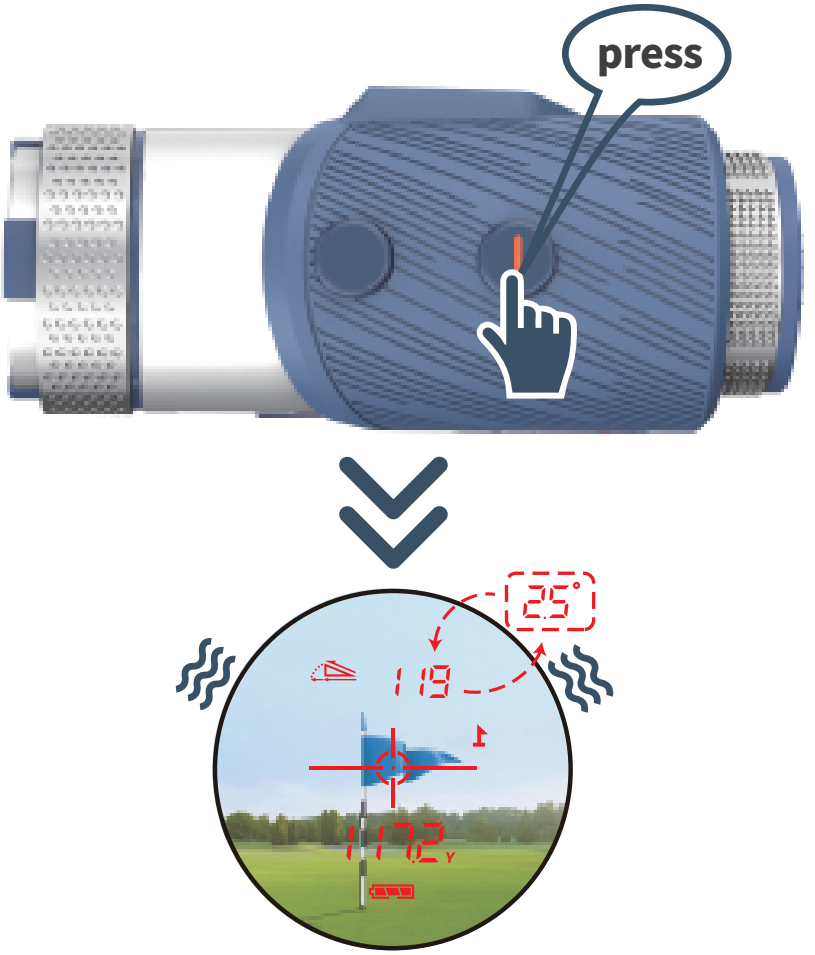
Method: Pressing "POWER" button and scan from far to flag, at the same time, the circle on the flag will show , you will get distance and feel vibration.



Unlocked locked

2.Flag lock function (align the flag)

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

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 data.

Notice1: After activating "Continuous scan function", it can scan continuously for 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.

Notice2: To use "Continuous scan function", do not release "POWER" button after locking successfully, you should press "POWER" button to closer targets.

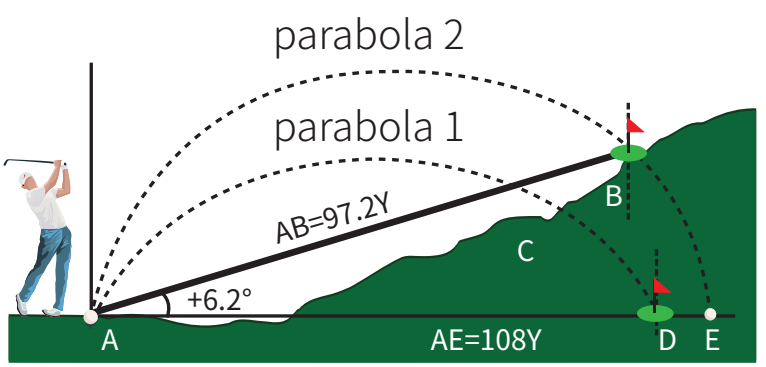
Notice3: To use this "Continuous scan function" again, just repeat the above operation.

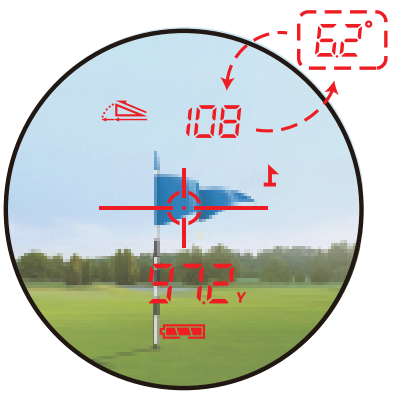
Golf mode example

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 97.2Y Hit the ball in accordance with the distance measured with the strike parabola 1, the angle of slope is + 6.2 °, 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 show, you will get distance and feel vibration.

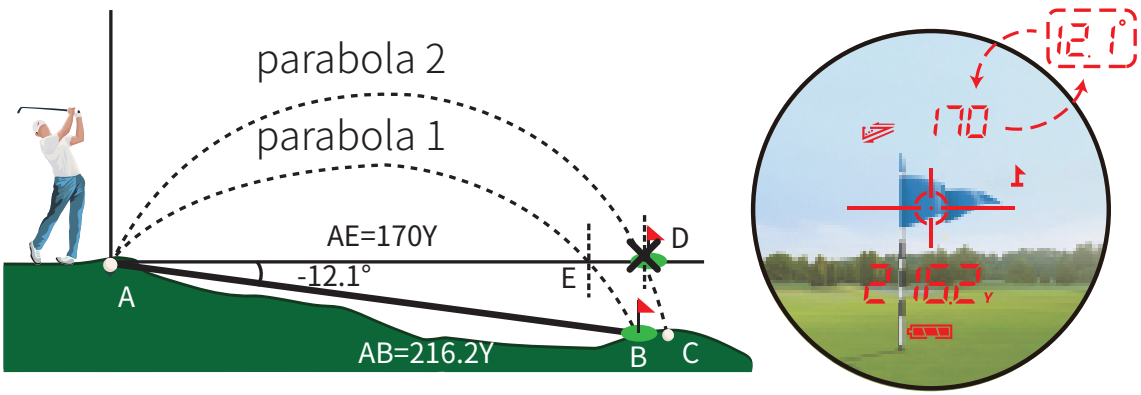




Distance measurement of downward slope: Slope is less than the straight-line distance.

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 °, the ball will arrive at the point C.

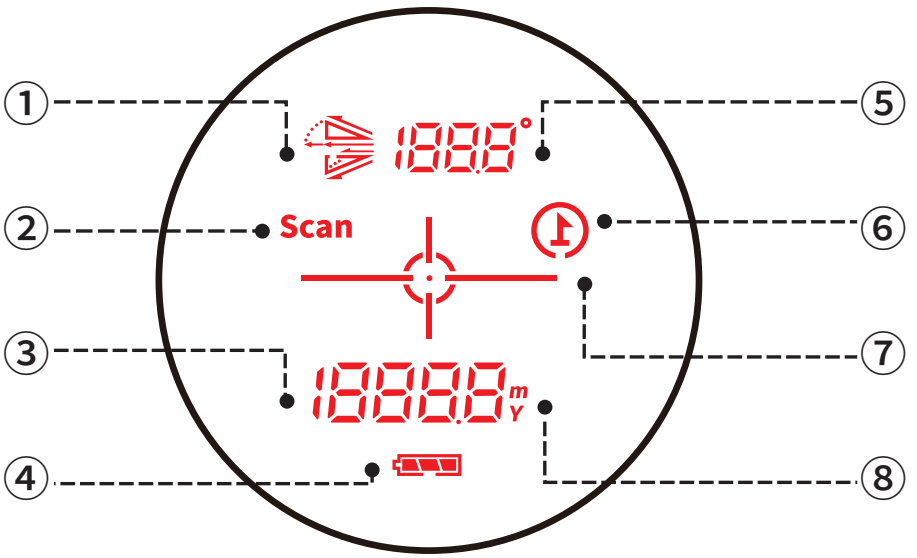
To reach the point B, the trajectory of the ball needs to follow the parabola 1. The actual hitting distance at this time is the straight-line distance between point A and point E, i.e. 170Y.



Product Specifications

Model	T100 PRO
Size	103.5*45.7*71.4 mm
Weight	184 g
Power source	CR2-3V
Reflective range	5 ~ 800 Y
Tree range	5~500 Y
Flag range	5~400 Y
Measurement deviation	±0.5 Y
Magnification	6X
Objective diameter	20 mm
Eyepiece diameter	15 mm
Exit pupil diameter	3.3 mm
Laser wavelength	905 nm
Laser type	Class 1
Diopter	±3°
Operating temperature	-10~50 °C
Storage temperature	-20~60 °C
IPX rating	IPX4 waterproof

Display Overview



① Uphill display: The target is uphill
Downhill display: The target is downhill

② Scan mode(Continuous scan)

③ Measuring distance: Straight-line distance

④ Battery indicator

⑤ Display order: slope, angle then slope

⑥ Lock mode sign：Icon change comparison

⑦ Target marker: Please superimpose the center circle with target object to be measured

⑧ Distance unit display: The distance unit at your option

Included Accessories

- Laser rangefinder*1
- Instruction manual*1
- Handbag*1
- Lanyard*1
- Cleaning cloth *1
- Battery*1
- Bite clip*1

Operation & Ranging Accuracy

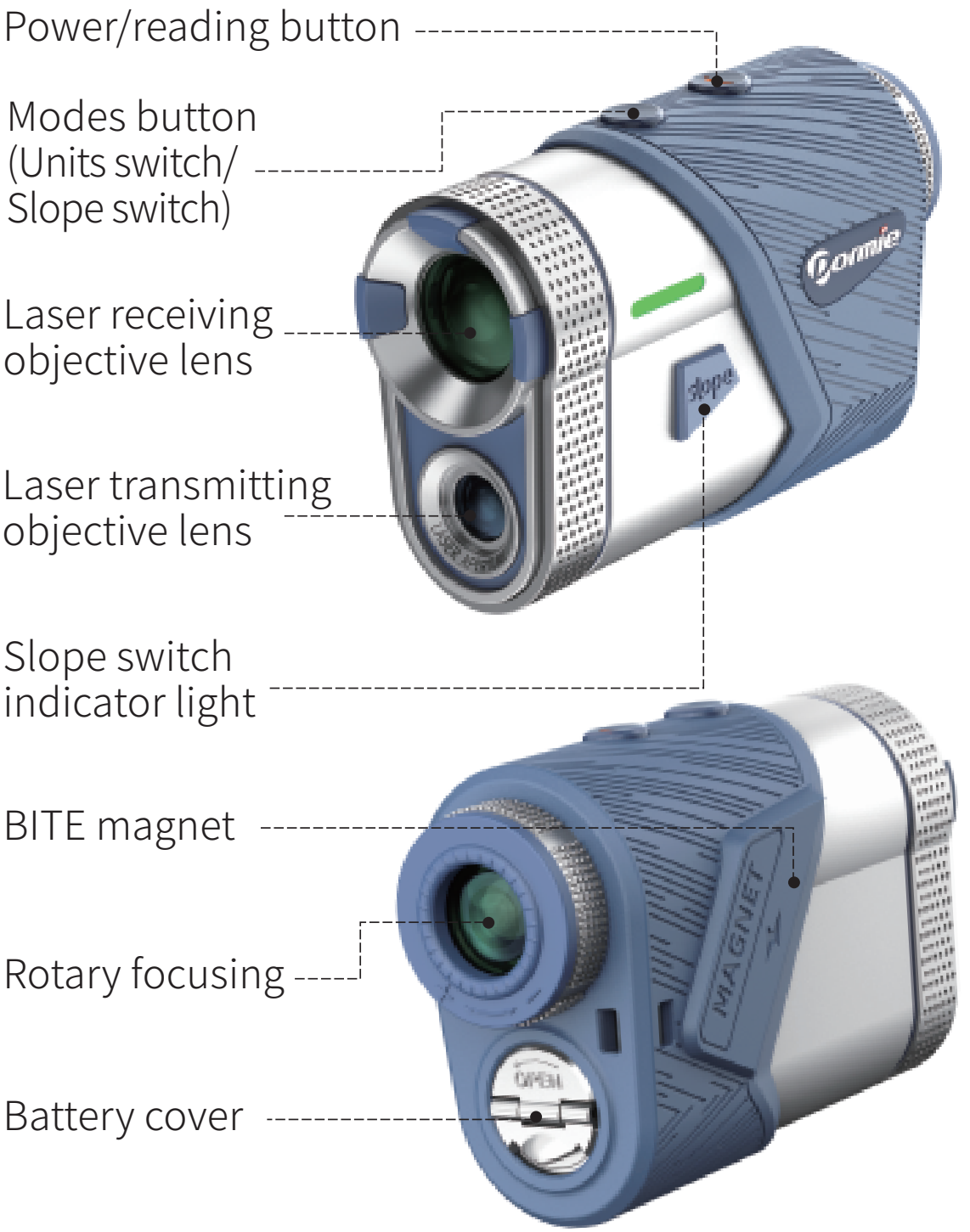
The T100 PRO range finder emits invisible, eye-safe pulses of infrared energy. Sophisticated digital technology instantaneously calculates distances by measuring time. The time it takes for each pulse to travel from the rangefinder to the target and back to rangefinder.

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.

Component Names



Bite magnetic mount

The T100 PRO 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(nd-feb magnet).magnets could affect the function-ing 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 totemperatures 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.

Precautions of lithium battery

- To prevent leakage, heat and fire, etc.
  Do not disassemble and modify the product by
- yourself.
- Do not throw it into fire or store it in high temperature.
- Avoid direct contact with metal objects such as coins or keys (in a pocket or bag).
- If skin touch the leaked liquid accidentally, please rinse under cool water immediately. If eyes or mouth touch liquid leaking, do not rub. Rinse under cool water and consult a doctor.
- It must be kept out of reach of children.
- Observe treatment methods in your native policy when dropping a used lithium battery.

Note: It is recommended that the battery should be replaced once every 12 months.

Notice: Replace the battery when Low battery indicator shows.If the "  " displays and flash on LCD, which means "low battery".

It can be turned on, but it can't shows any data. Meanwhile, vibration will be paused.

Display	Description
	Sufficient power available.
	60%power left.
	Low battery indicator flash: Replace the battery now! ***It can be turned on, but it can't shows any data. Meanwhile, vibration will be paused.**

Install/Replacing battery

1. Open the battery cover. (Push the battery cover upward)
2. Put the negative pole of lithium battery into battery compartment first.
3. The positive pole "+"of the lithium battery CR2 should be placed outwards. (look at the picture)
4. Tightening the battery cap clockwise after installing the battery.

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 it 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 will not be used 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.
- Although the product has waterproof function, please do not get it wet or immersed in water intentionally. When there is moisture around the button, please operate it after wiping it off, and do not use it in water.
- Please confirm that the battery cover is closed tightly when it be used.

Warning!

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

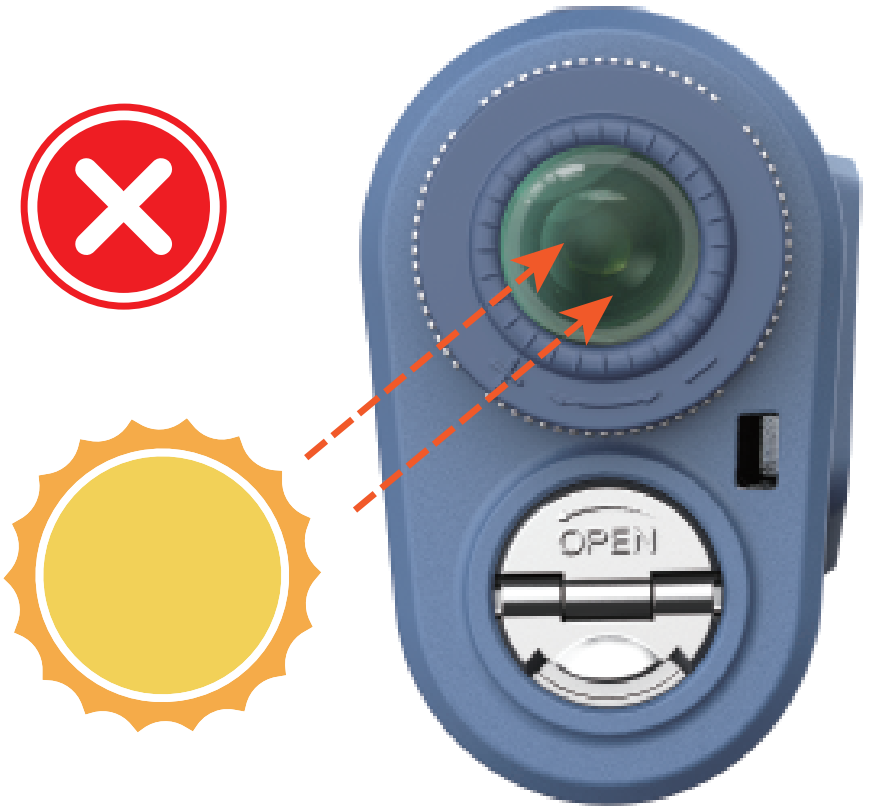
Attention!

- 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! It's radiation convergence function can harm the LCD.



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.

Troubleshooting Guide

If LCD can't be turned on:
Pressing power button again.
Check battery or replace it if necessary.
If Distance measurement is abnormal:
Please confirm whether the lens have dirt.
Please make sure that the mark circle overlap your target.
It can be turned on, but the data will not be displayed:
Low battery voltage, please change the battery.
Out of measurement range or less than 5 yards.
Change the measurement target.
Measurement error:
Meter/yard is not switched.
Rain and fog and small target will also affect the measurement results.
Battery power runs out quickly:
Low ambient temperature will cause the battery power runs out quickly.

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