Dormie

T200

Golf Rangefinder

Start Guide

TABLE OF CONTENTS

Quick Start Guide

Measurement range

Reflective range: 5～1000Y
Tree range: 5～500Y
Flag range: 5～400Y by range mode

Focus adjustment

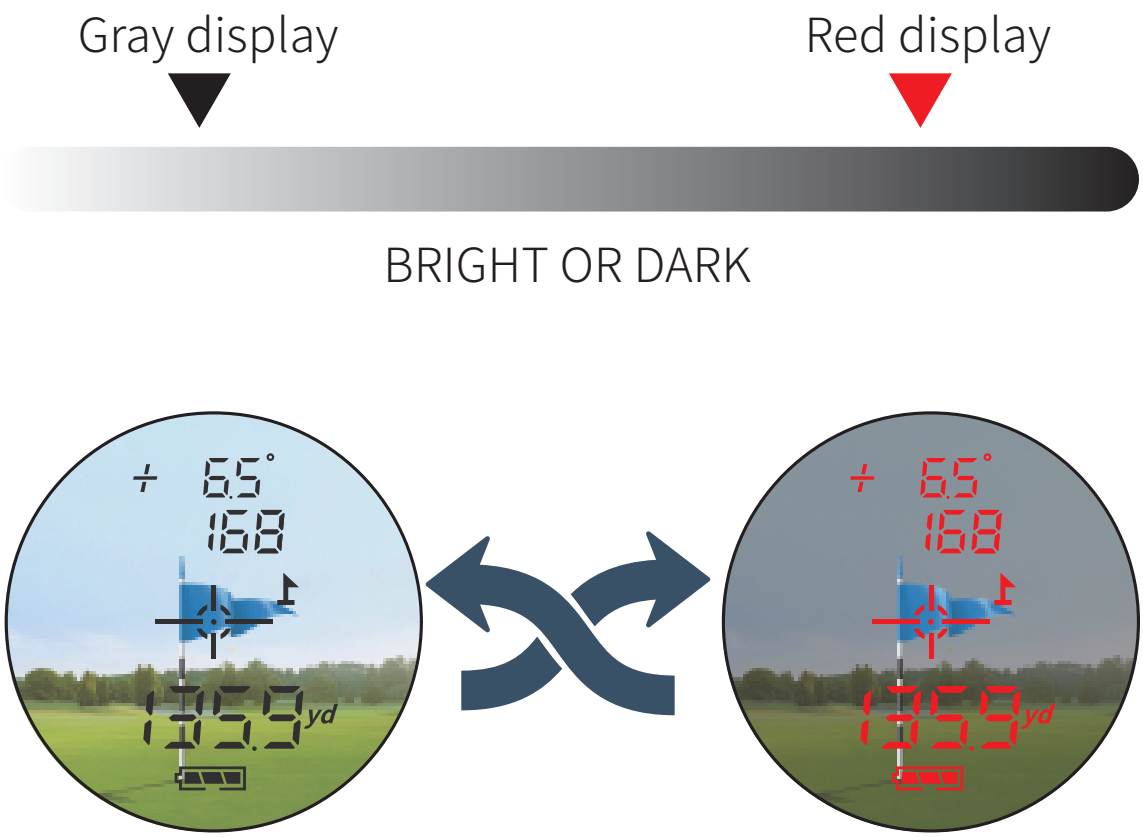
Rotating the eyepiece until the reticle and object display to your eyes clearly.
T200 range finder is constructed with an adjustable eyepiece (+/-3 Diopter).
People with different visions don't need to wear glasses, they can observe LCD with naked eyes.

White model

Grey model

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.

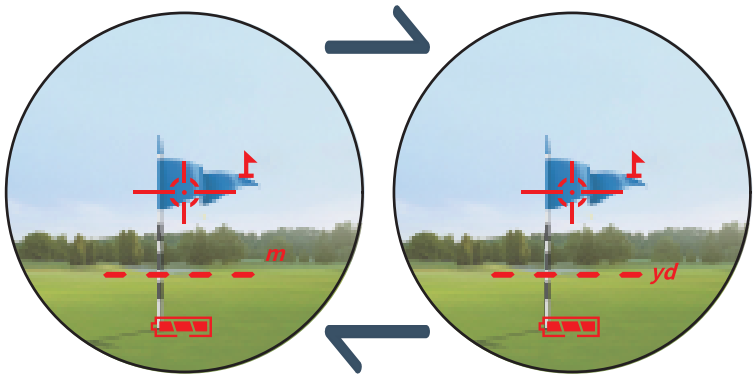


Functions of "MODE" button

【1】Units switch

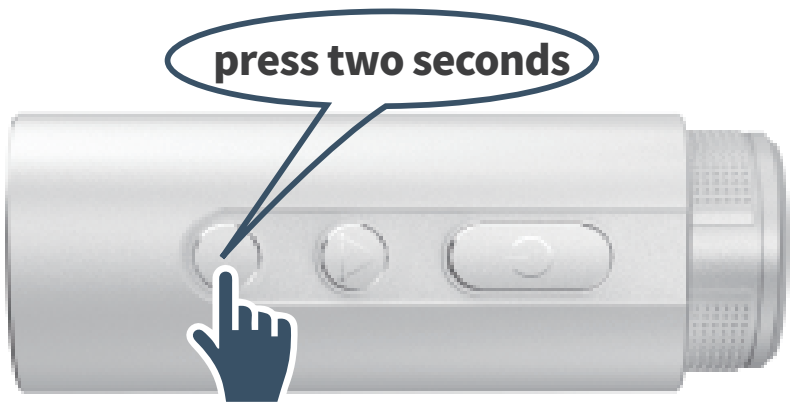
To switch the Units, just click the "MODE" button to switch meters and yards.

The T200 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

To turn off the slope compensation function, just press the “MODE” button for 2 seconds.
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 press the “MODE” button for 2 seconds again.

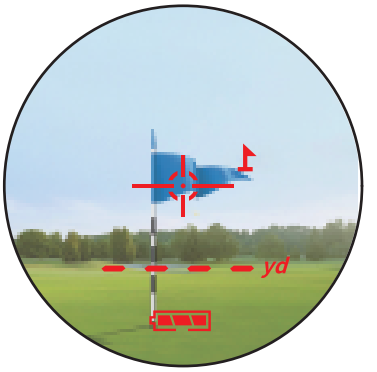
Indicator light

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

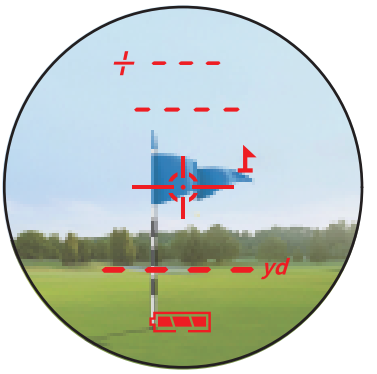
Blue light flash: slope off

Blue light off: slope on

Blue light flash



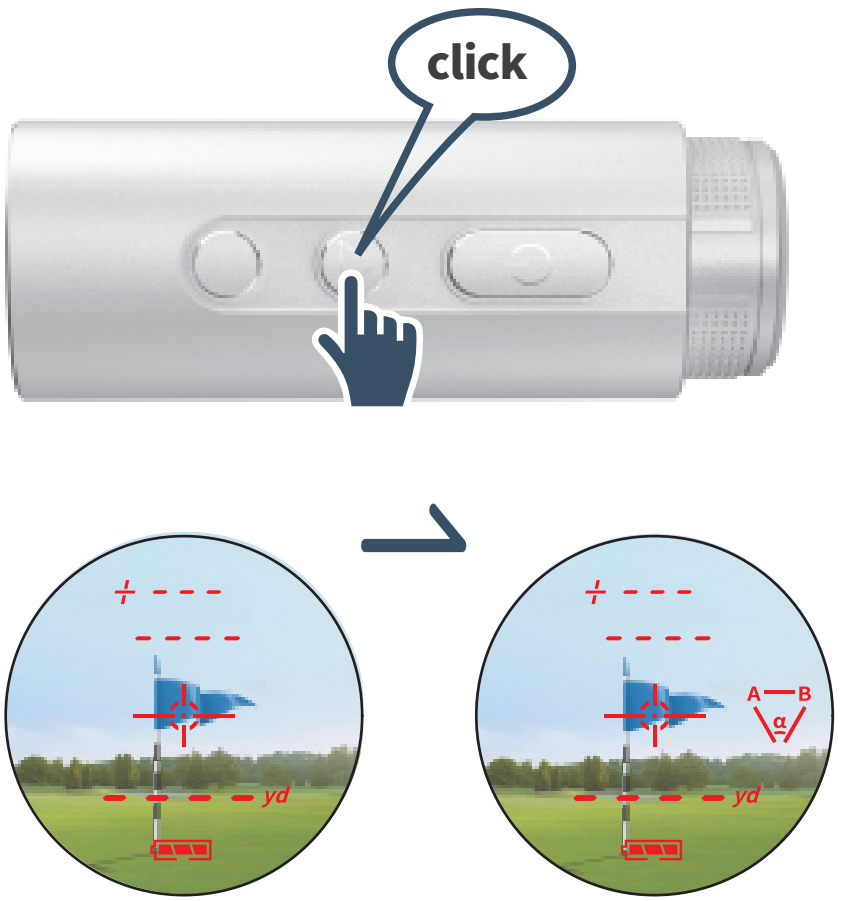
Blue light off



Triangulation mode

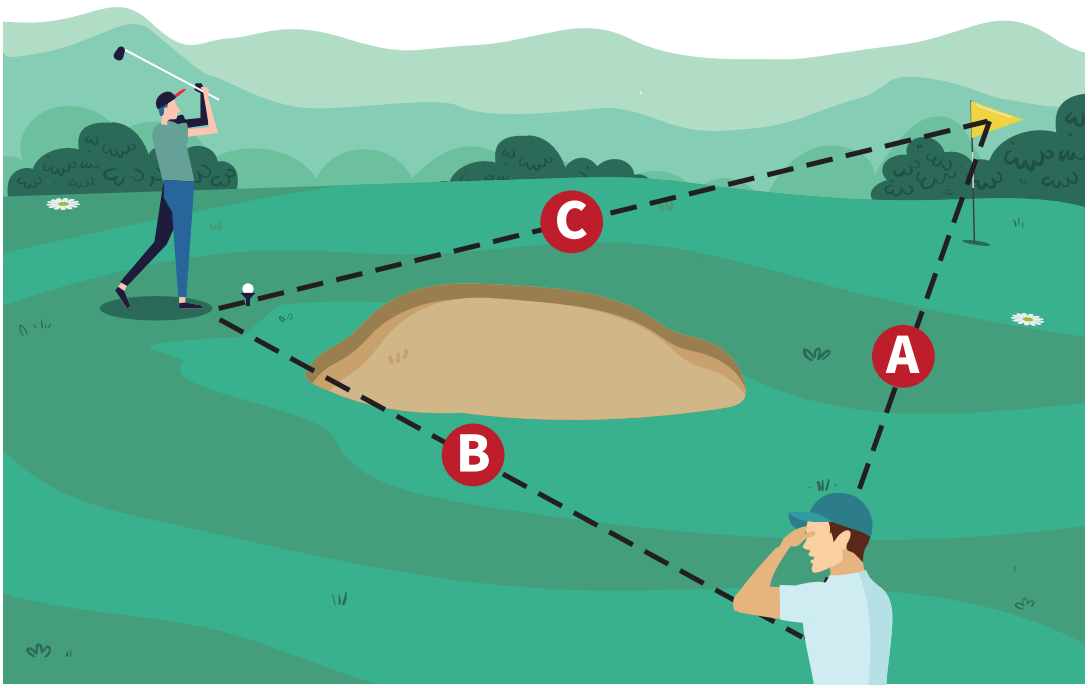
Activate/Deactivate triangulation mode

Click the triangulation mode button to activate or deactivate the mode (as shown below).



Triangulation mode feature overview

The triangulation mode allows users to measure the slope compensation distance, angle and straight-line distance for your partner.



A: Measure distance from user to flag.
B: Measure distance from user to buddy.
C: Calculate distance from buddy to flag.

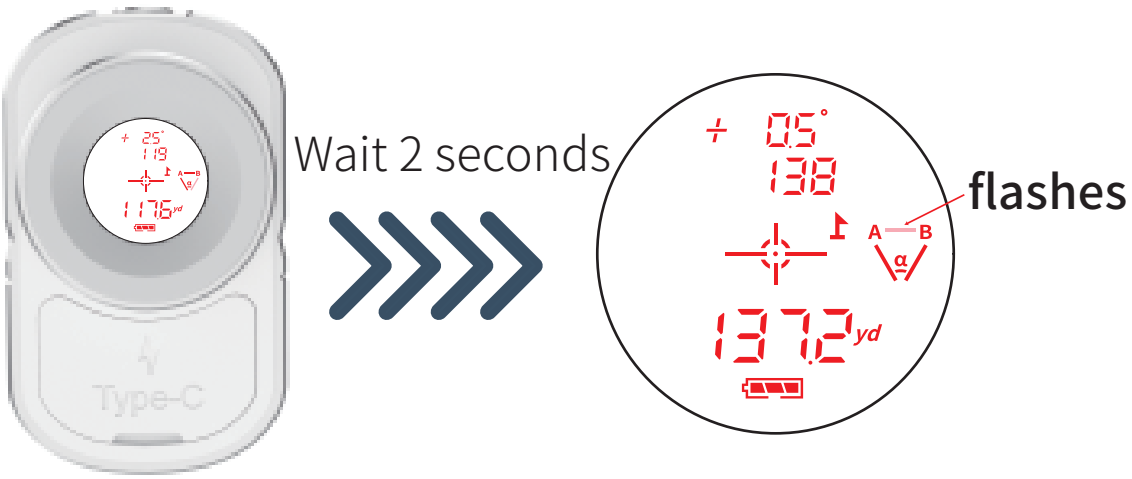
Operation method

【1】Click the “POWER” button to turn on the rangefinder, and click the triangulation mode button again to activate the triangulation mode.
Look through the eyepiece at the display screen (as shown below).
【2】When α-A line flashes, aim at Target A (recommended: your position to the flag) and click the “POWER” button to measure.
After measurement, the screen displays the slope compensation distance, angle and straight-line distance to Target A.

【3】After completing the A measurement, α-B line will flash. Aim at Target B (recommended: your position to your buddy) and click the “POWER” button once to measure the distance to Target B.

【4】After measuring Target B, the screen will display the slope compensation distance, angle and straight-line distance to Target B.

【5】Wait 2 seconds for the screen to update. It will display the angle between A and B, slope compensation distance, and straight-line distance between A and B, with A-B line flashing.



Tips:

If Target A or B fails to measure, restart Target A measurement.

The rangefinder will automatically power off after 8 seconds of inactivity. To re-enter Triangulation Mode, repeat the steps above.

Unit switching and Slope On/Off cannot be adjusted during Triangulation Mode.

Range mode

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

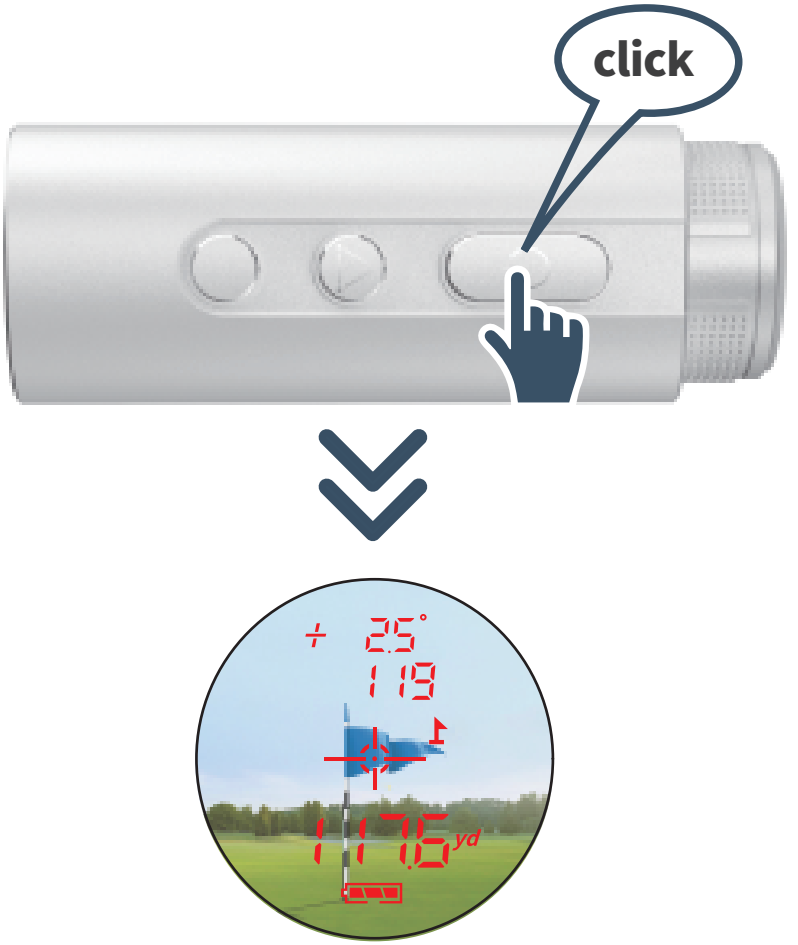
Tips: Make sure the mode switches to the Range mode, as shown below.

【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 16 "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.

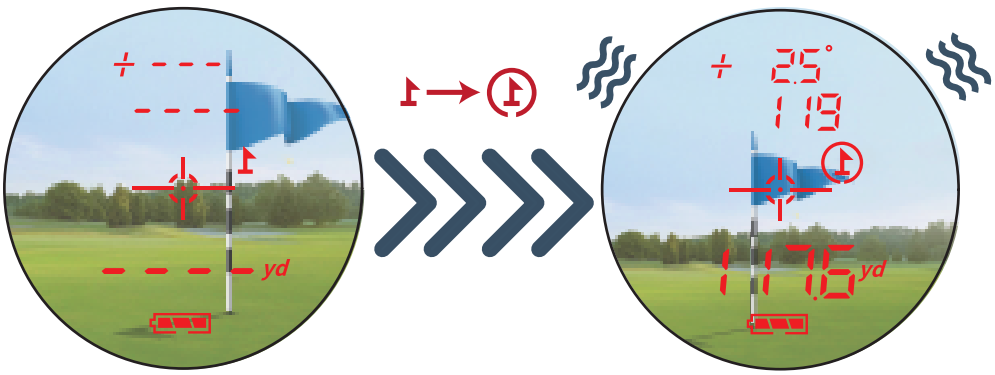
When the target background is complicated or it is difficult to measure the distance by pressing "POWER" button, you can use Flag lock function.

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)

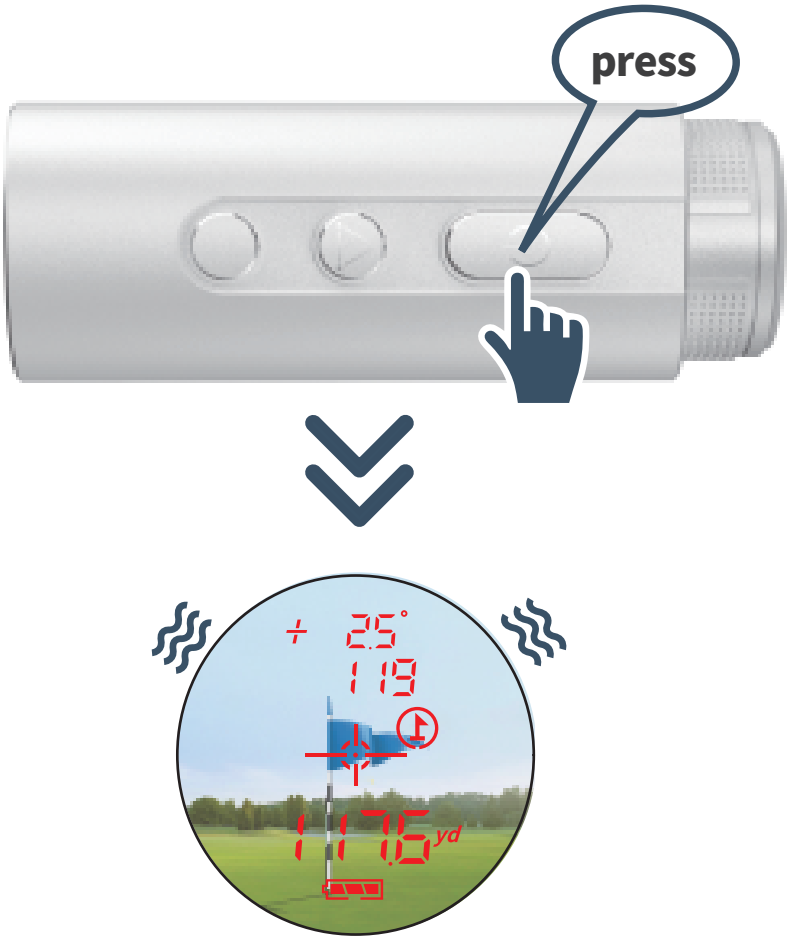
Method: Pressing "POWER" button and scan from far to flag, at the same time, the circle on the flag will show , you will get distance and feel vibration.



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.

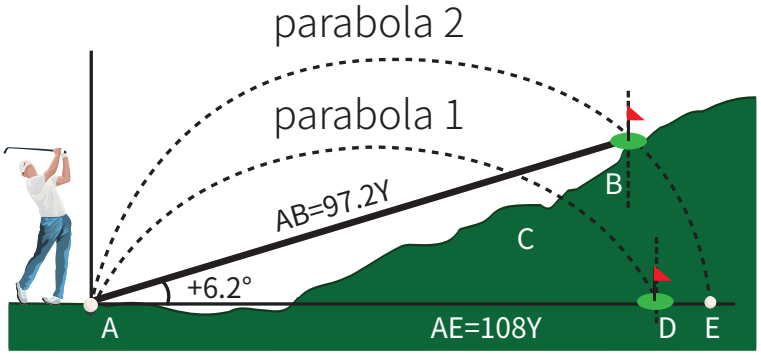
Notice3: To use this "Continuous scan function" again, just repeat the above operation.

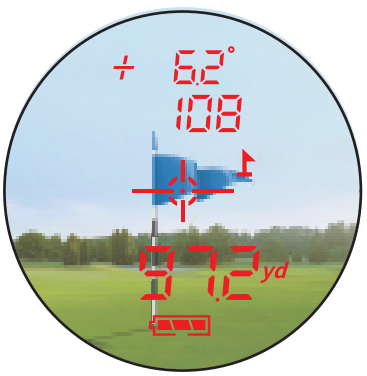
Golf mode example

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.

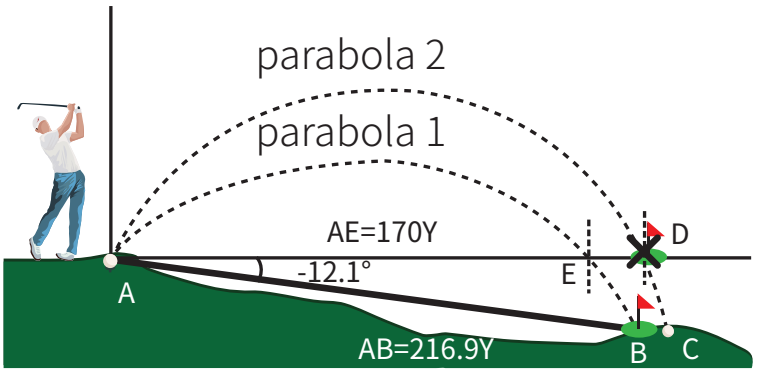


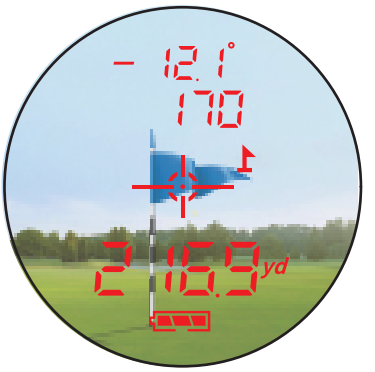


Distance measurement of downward slope: Slope is less than the straight-line distance.

Distance between AB points = distance between AD Points in a straight-line 216.9Y. 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.

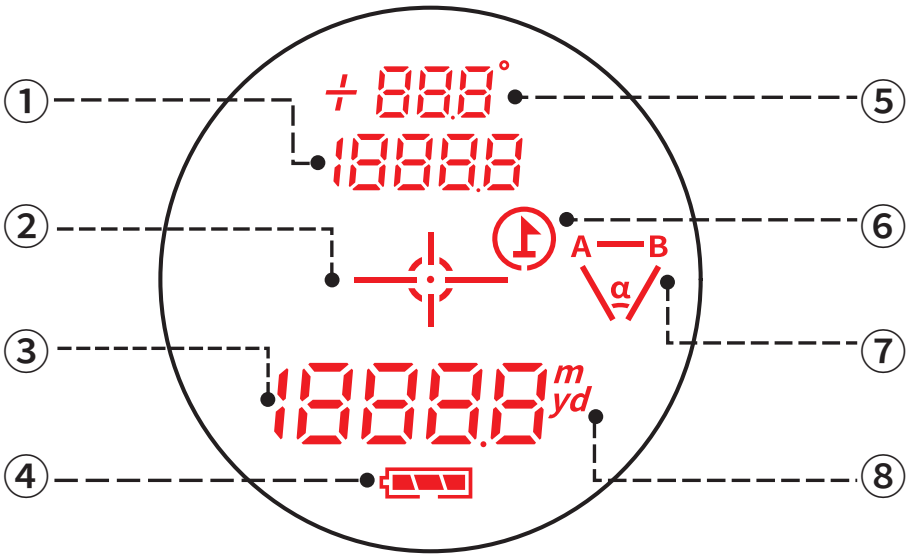




Product Specifications

Model	T200
Size	94*57*34 mm
Weight	160 g
Power source	3.7V 450mAh
Reflective range	5-1000 Y
Tree range	5~500 Y
Flag range	5~400 Y
Measurement deviation	±0.5 Y
Magnification	7X
Objective diameter	17 mm
Eyepiece diameter	14 mm
Exit pupil diameter	4 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 Slope compensation distance

② Target marker: Please superimpose the center circle with target object to be measured

③ Straight-line distance

④ Battery indicator

⑤ Angle

⑥ Flag locked successfully displayed sign

⑦ Triangulation mode

⑧ Distance unit

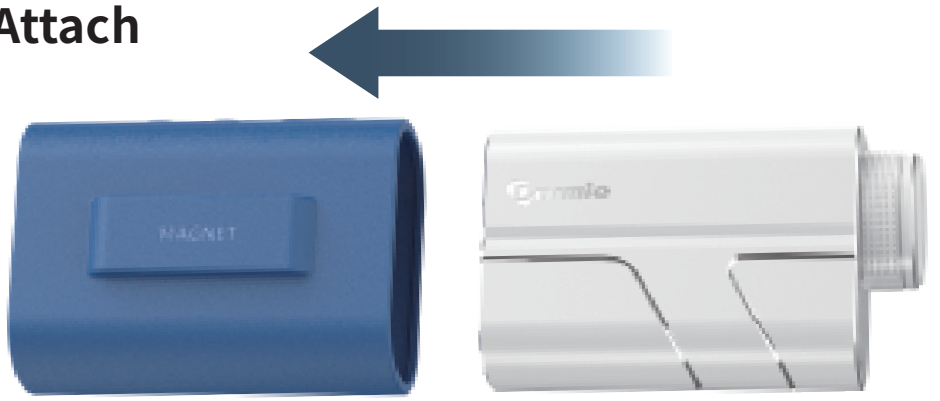
Included Accessories

☐ White model ■ Grey model

- Laser rangefinder*1
- Instruction manual*1
- Handbag*1
- Packaging box*1
- Magnetic sheath*1
- Cleaning cloth*1
- Charging cord*1

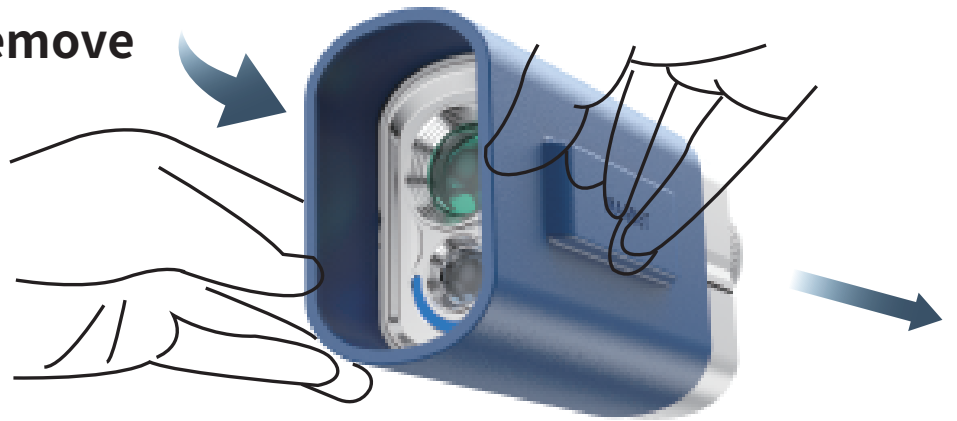
How To Attach & Remove The Magnetic Sheath

To Attach



Align the side of the device with the logo on it with the magnet side of the case, then slip the case over the rangefinder until it fits perfectly.

To Remove



Hold both sides of the case with your thumbs and gently push the rangefinder out from the back. The case will easily separate from the device.

Operation & Ranging Accuracy

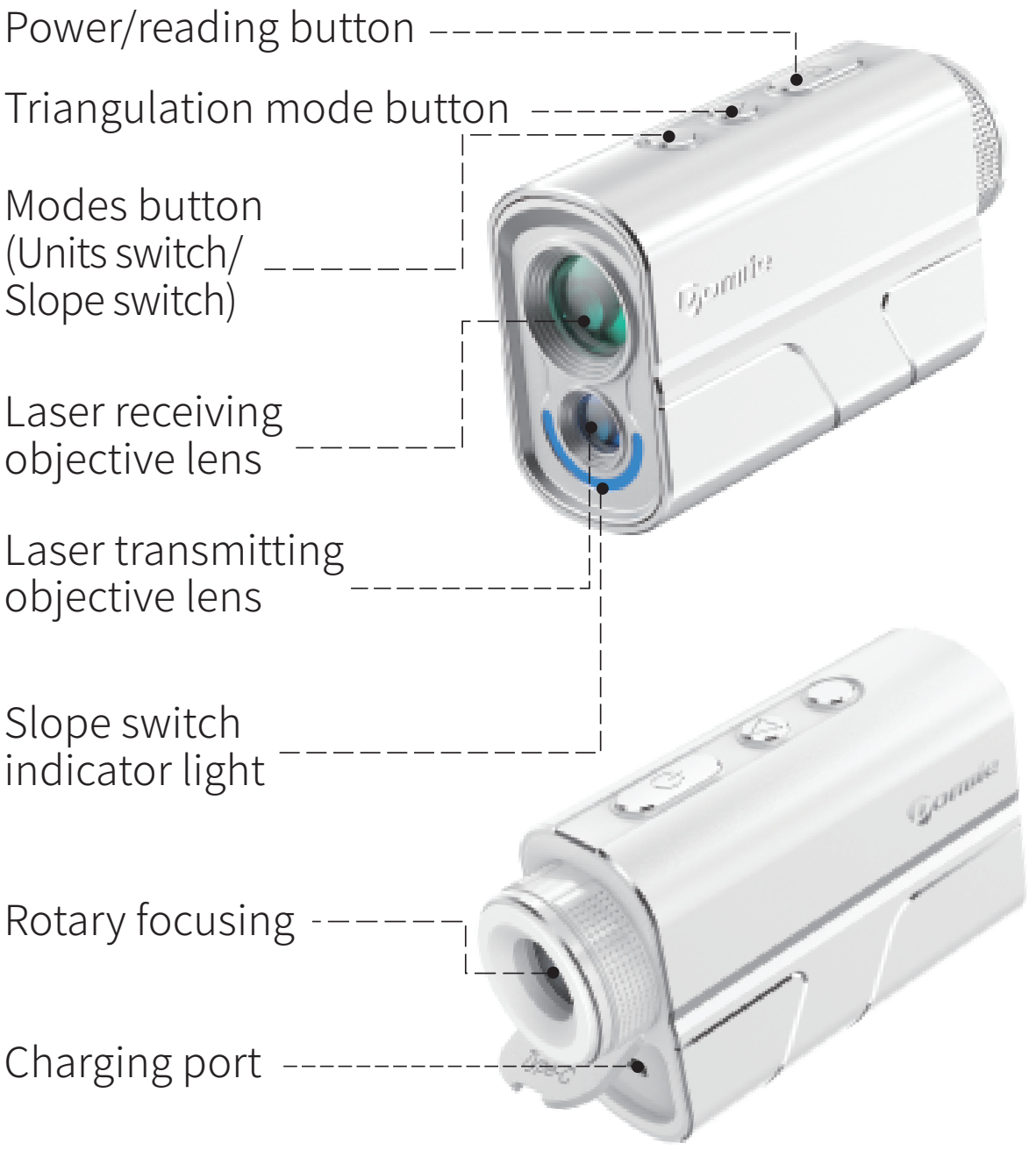
The T200 range finder emits invisible, eye-safe pulses of infrared energy. Sophisticated digital technology instantaneously calculates distances by measuring time. The time it takes for each pulse to travel from the rangefinder to the target and back to rangefinder.

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



White model Grey model

Charging Instructions & Warnings

☐ White model

■ Grey model

5V/1A

Charging display

The battery level is displayed as follows:

100%

60%

30%

Charging indicator: When charging, the charging indicator light will flash regularly (red). The indicator light will stop blinking (blue regular) when fully charged.

flash regularly (red)

Charging fully displays blue light

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 8,000 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 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!

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.

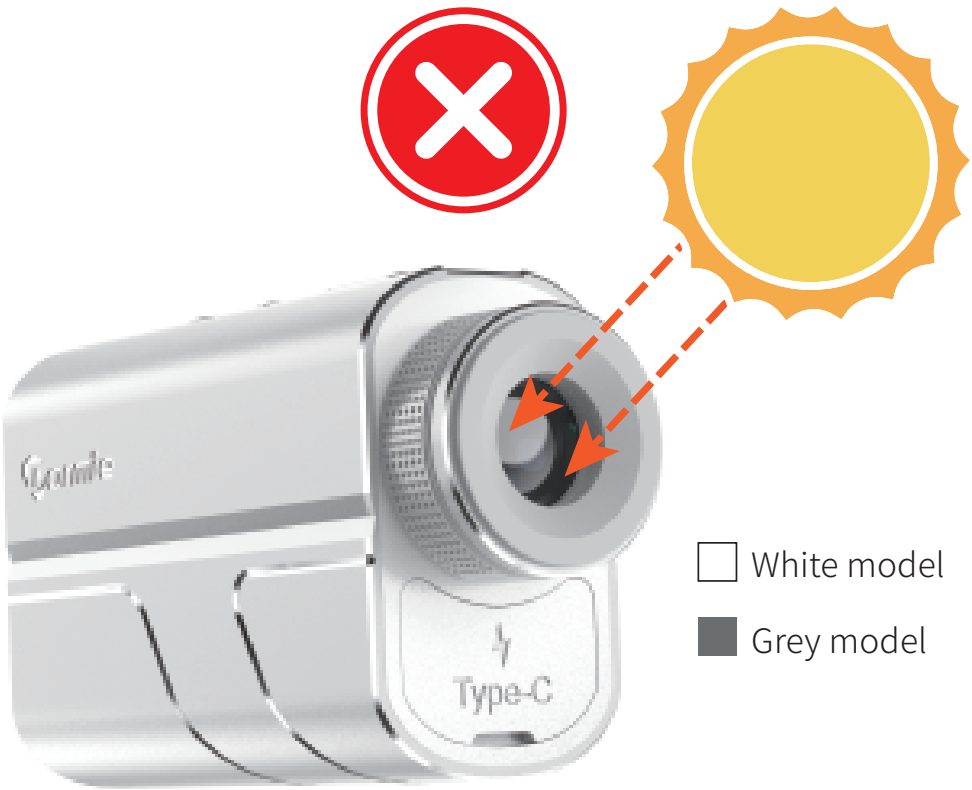
Attention!

- 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.

Email:service@dormie.tech

WWW.DORMIE.TECH