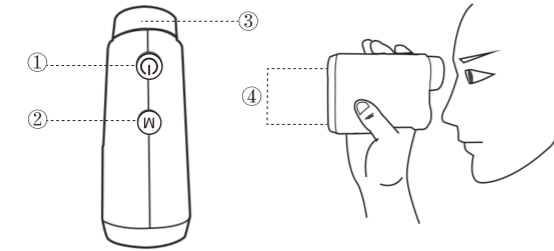


PARSEC LASER RANGEFINDER

Introduction

Even powered off, this device is a precision optical telescope. Observe targets via the eyepiece and adjust knob until the target is clear. It has extremely fast acquisition and ± 0.5 yard accuracy.

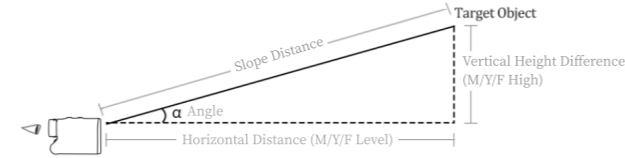


- ① Power Button
- ② Mode Button
- ③ Eyepiece Lens
- ④ Objective Lens

Working Principle

The Rangefinder uses a safe 905nanometer laser that is safe for human eyes, invisible and meets the standard of Class I lasers. First, it calculates the time the beam takes to acquire a target and then return. Secondly, it multiplies the time and the speed of the light together, then divides by 2 to obtain the distance of the target object.

Change in environment temperature may temporarily impact accuracy of measurements. Device must acclimate to local environment temperature for approximately 30 minutes.



Warning

- Do not view the emissions for long periods of time with magnified lenses.
- Avoid direct sunlight to the eyepiece to avoid damaging the eyepiece display/internal components.
- The equipment contains electrical and/or electronic components and therefore cannot be disposed of in the same way as ordinary household waste. These wastes should be disposed of at community-provided waste collection points.

Maintenance

1. The lens of our laser rangefinder are multi-coated for highest light transmission. To remove finger prints, clean with the lens demisting cloths with a circular motion.
2. When using a cleaning solution, it needs to be placed on the wipe cloth. Do not apply directly on the lens.

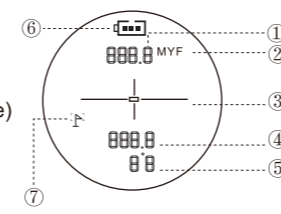
3. Do not store the device out of the temperature range of $-20\sim 50^{\circ}\text{C}$.
4. If device is not used for a long time, it must be packed in a protective case and placed in a dry environment.

Battery

- The product is available in Rechargeable Lithium Battery
- Keep the battery away from the fire, do not throw the battery into fire, otherwise it may cause an explosion.
- When " " battery icon is flashing, please charge the battery using the provided USB-C cable. The battery indicator is red when charging and green when fully charged.

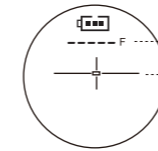
LCD Display

- ① Line of Sight Distance
- ② Distance Unit M/Y/F
- ③ Target Indicator
- ④ Slope Distance(Play Distance)
- ⑤ Slope
- ⑥ Battery Display
- ⑦ Flagpole Icon

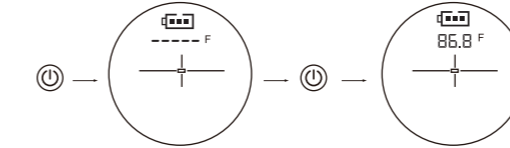


Mode 1 Straight Line Distance Mode

- ① Power on
- ② Press mode button (M) to Straight Line Distance
- ③ Press power button (power icon) to measure

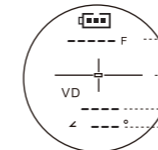


- F -----
Straight Line Distance (The distance from the rangefinder to the target object)
- Target Indicator (Indicating the target object, laser emission position)

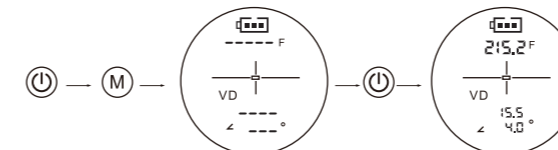


Mode 2 VD-Vertical Distance Mode

- ① Power on
- ② Press mode button (M) to VD mode
- ③ Press power button (power icon) to measure

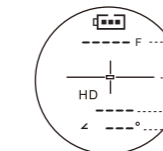


- F -----
Straight Line Distance (The distance from the rangefinder to the target object)
- Target Indicator (Indicating the target object, laser emission position)
- Vertical Distance (Vertical height difference)
- Angle

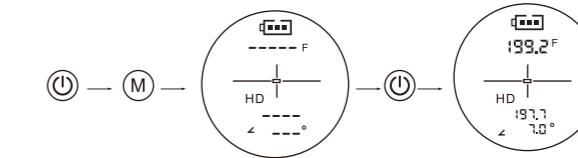


Mode 3 HD-Horizontal Distance Mode

- ① Power on
- ② Press mode button (M) to HD mode
- ③ Press power button (power icon) to measure



- F -----
Straight Line Distance (The distance from the rangefinder to the target object)
- Target Indicator (Indicating the target object, laser emission position)
- Horizontal Distance
- Angle

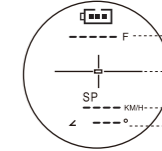


Mode 4 Speed Measurement Mode

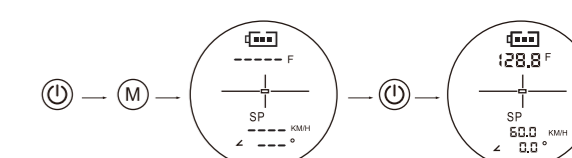
- ① Power on
- ② Press mode button (M) to Speed mode
- ③ Aim at target and press power button (power icon), device will start scan mode, get distance results in 2s.



Speed mode can measure the speed of the target object moving in a radial motion. The speed of the target object moving in parallel cannot be measured because the distance from rangefinder to target does not change. Speed unit is km/h & mile/h.



- F -----
Straight Line Distance (The distance from the rangefinder to the target object)
- Target Indicator (Indicating the target object, laser emission position)
- Speed
- Angle

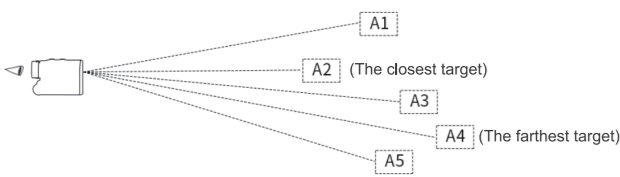
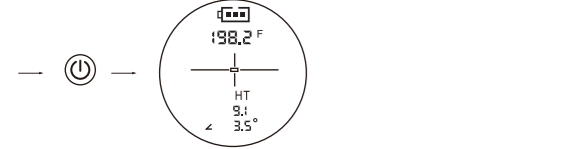
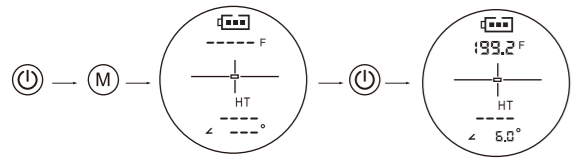
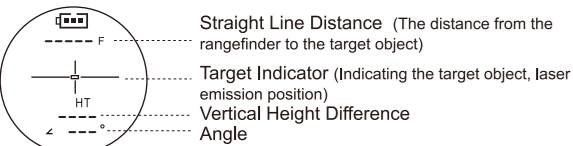


Mode 5 Two Point Height Measurement Mode

This mode can check the vertical height difference between two targets.

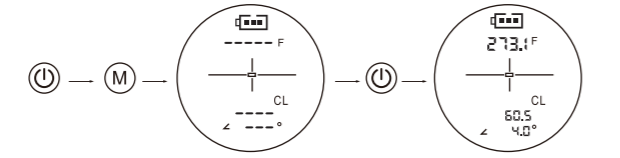
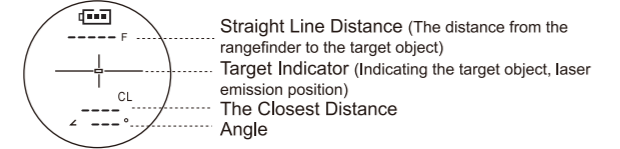
- ① Power on
- ② Press mode button (M) to HT mode
- ③ Press power button (power icon) to measure target 1 & target 2

Tip: Press the Power button to measure target 1 and target 2, then LCD screen will display as below:



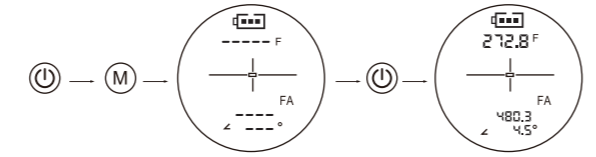
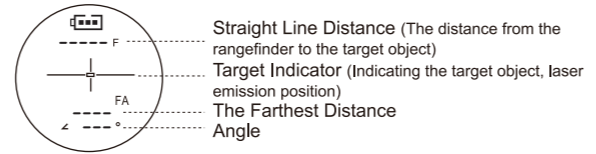
Mode 6 Closest Distance Measurement Mode

- 1 Press on
- 2 Press mode button (M) to CL mode
- 3 Long Press power button (⏻) to measure



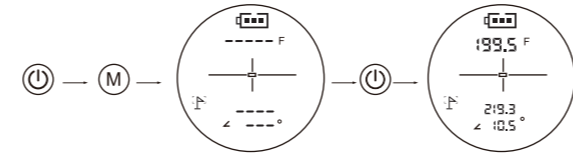
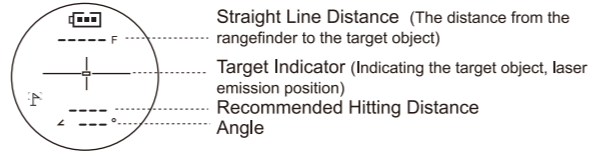
Mode 7 Farthest Distance Measurement Mode

- 1 Power on
- 2 Press mode button (M) to FA mode
- 3 Long Press power button (⏻) to measure

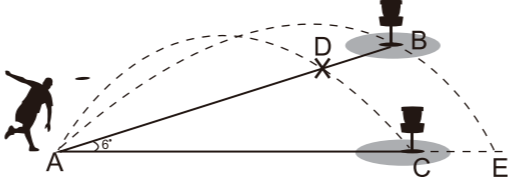


Mode 8 Golf Distance Compensation Mode

- 1 Power on.
- 2 Press mode button (M) to Golf mode
- 3 Select the target object and aim the target indicator at the target object.
- 4 Long press power button (⏻) to enter the scanning mode (Aim at the slope/background behind the flagpole).
- 5 Move Target Indicator from background to target slowly.
- 6 When the target is locked successfully, the rangefinder vibrates and displays the measurement data.



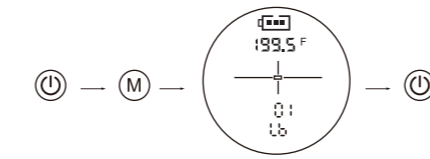
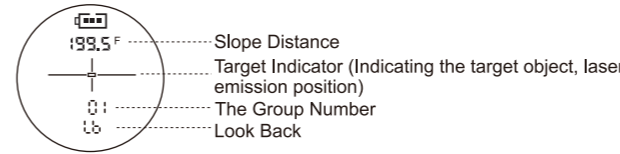
When the slope is positive, play distance will be bigger than sight distance.
When the slope is negative, play distance will be less than sight distance



Mode 9 Storage Function

Twenty sets of distance measurement data can be saved.

- 1 Power on
- 2 Press Mode button (M) to Storage mode
- 3 The first set of slope distance will be displayed in the LCD
- 4 Press the Power button (⏻) continuously to view other sets of slope distance

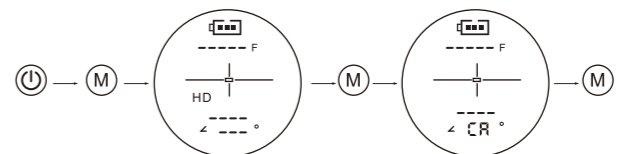


Angle Calibration

The device needs to be calibrated if the angle is inaccurate. Operate with a horizontal platform or a tripod where the horizontal angle has been adjusted and verified.

- 1 Power on
- 2 Press mode button (M) to HD mode
- 3 Long press mode button (M), LCD shows "CA"
- 4 Long press mode button (M) again to calibrate angle
- 5 Release mode button (M) to finish calibration
- 6 Press power button (⏻) to measure

Device angle is 0° under horizontal status after finishing calibration



Technical Specifications

Angle Ranging Scope	-90° to 90°
Laser Safety	Class1, Laser Wavelength 905nm
Power Supply	Rechargeable Lithium Battery
Magnification	6.0X
Field Of View	6.5°
Ranging Error *	±0.5M/Y (Ranging scope<700M/Y)
Focusing Mode	Manual Focusing Eyepiece
LCD Display	Transmission LCD Display
Exit Pupil Diameter	3.8MM
Lens Quality	Multi-Coated
Ranging Method	Semiconductor Laser Ranging

* Minimum range distance is 3.5M

Product Warranty Registration

To register this product for warranty, please use your mobile device's QR scanner on the QR code below.

