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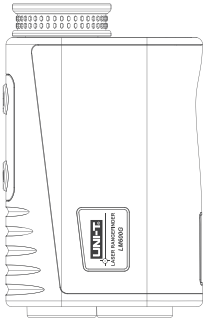


LM600G Series Laser Rangefinders

Operating Manual

Safety Instructions

Please read the safety and operating instructions carefully before using the product for the first time.

- If users do not use the product in accordance with the instructions in this manual, it may cause damage to the product, affect the accuracy or cause personal injury.
- Do not disassemble or repair the product by yourself. Do not modify or change the performance of the laser emitter. Please keep the product in a safe place and do not place it in the reach of children.
- The electromagnetic radiation of the product may cause interference to other devices. Do not use the product near aircraft or medical equipment. Do not use it in inflammable and explosive environment.
- The discarded products cannot be disposed of together with household garbage. Please dispose them according to the national or local laws and regulations.
- If there is any quality problem, or if users have any questions about the use of the product, please contact the local dealer or manufacturer in time.

Product Introduction

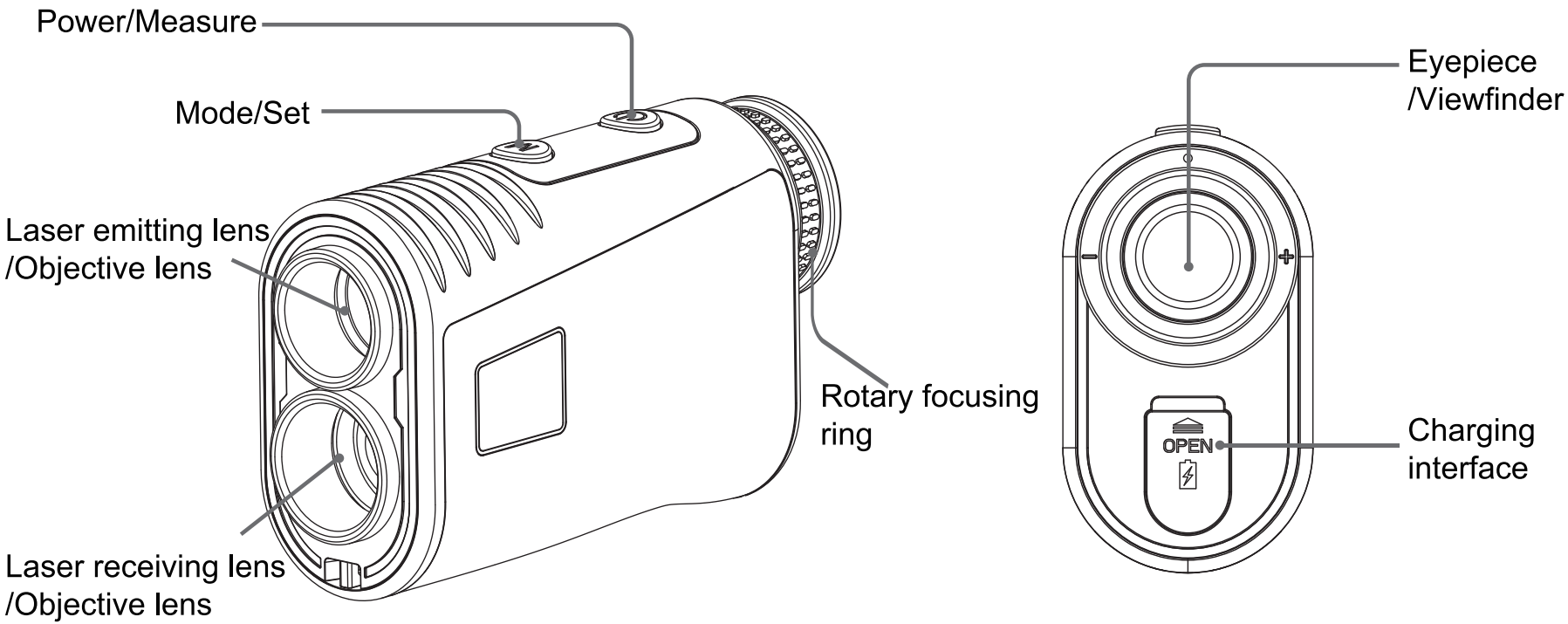
LM600G series laser rangefinders can be used in power equipment installation, highway, municipal engineering, forestry survey and design, construction, network planning, communication maintenance and golf.

- While clearly observing objects, the product can measure the distance of fixed or slow moving objects in a certain range. It has the advantages of high accuracy, short measuring time, direct distance display, low power consumption and auto power off.
- The laser power is small. The product can measure any target. It is compact and portable and has built-in rechargeable lithium battery.

Features:

- Compact and portable;
- High precision and speed, low power consumption;
- Multi-function LCD;
- Harmless class I pulse laser;
- Mute operation and auto power off;
- Built-in 750mAh rechargeable lithium battery;
- Flagpole lock mode to measure slender targets;
- Golf trajectory compensation mode to calculate the actual shot distance;
- Height and horizontal mode applies to engineering surveying.

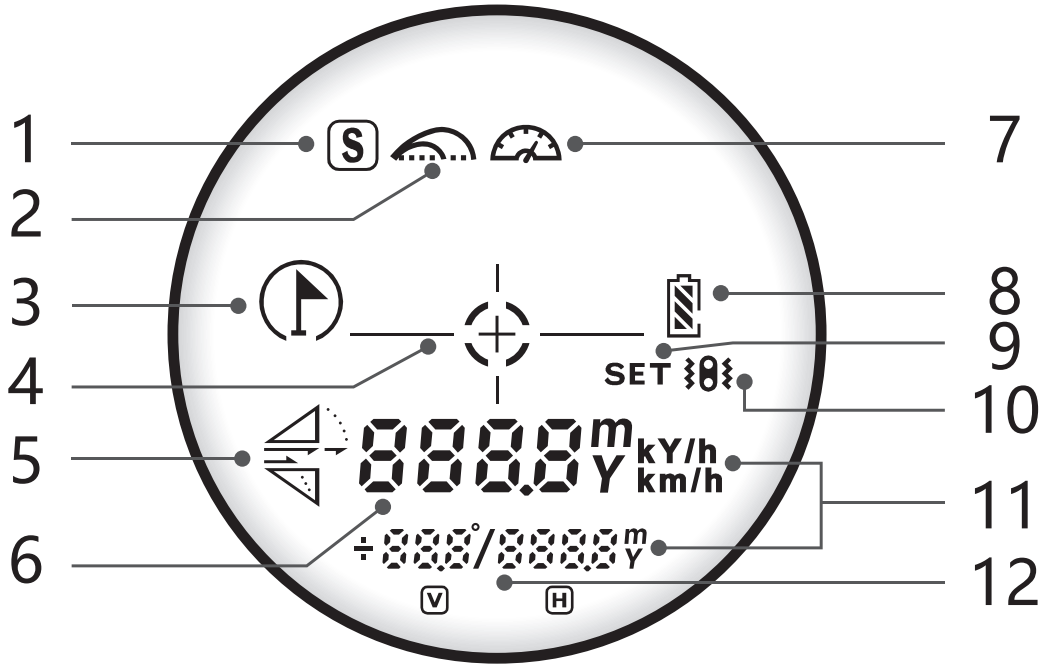
Product Appearance



Specifications

Functions	Range				
Model	LM600G	LM800G	LM1000G	LM1200	LM1500G
Distance range	3-600m	3-800m	3-1000m	3-1200m	3-1500m
Accuracy	±1m±range×0.2%				
Magnification	6X				
Diopter adjustment range	±6° diopter				
Height	250m	300m	450m	500m	600m
Height error	±0.5m				
Speed range	0-300Km/h				
Angle	±60°				
Objective aperture	19mm				
Eyepiece aperture	15mm				
Exit pupil diameter	3.7mm				
Angle error	±1°				
Flagpole lock	√				
Golf trajectory compensation mode	√				
Slope measurement	√				
Height measurement	√				
Mute operation	Auto power off				
Laser class	Class I				
Laser wavelength	905nm				
Operating temperature	-10°C~50°C				
Power	3.7V 750mAh lithium battery				
Product color	Black + silver				
Product size	108×68×38mm				
Accessories	Carrying bag, USB cable, hand strap				
Remarks	The range refers to the vertical measurement directly opposite the light-colored target in sunny weather and not in strong light.				

Display Indicators/Icons



1>  Linear distance mode

2>  Golf trajectory compensation mode

3>  Flagpole lock mode

Flagpole unlocked: 

Flagpole locked: 

4>  Aiming circle/dot

Target seeking:  flashes

Target sought:  stops flashing

5>  Uphill or downhill

Uphill: 

Downhill: 

6> 

In linear distance mode: Display actual distance
In flagpole lock mode: Display flagpole distance
In golf trajectory compensation mode: Display compensation distance
In height and horizontal mode: Display actual distance
In speed measurement mode: Display speed

7>  Speed measurement

8>  Battery status

9>  Set

10>  Vibration

11>  Units (m: meter/Y: yard)

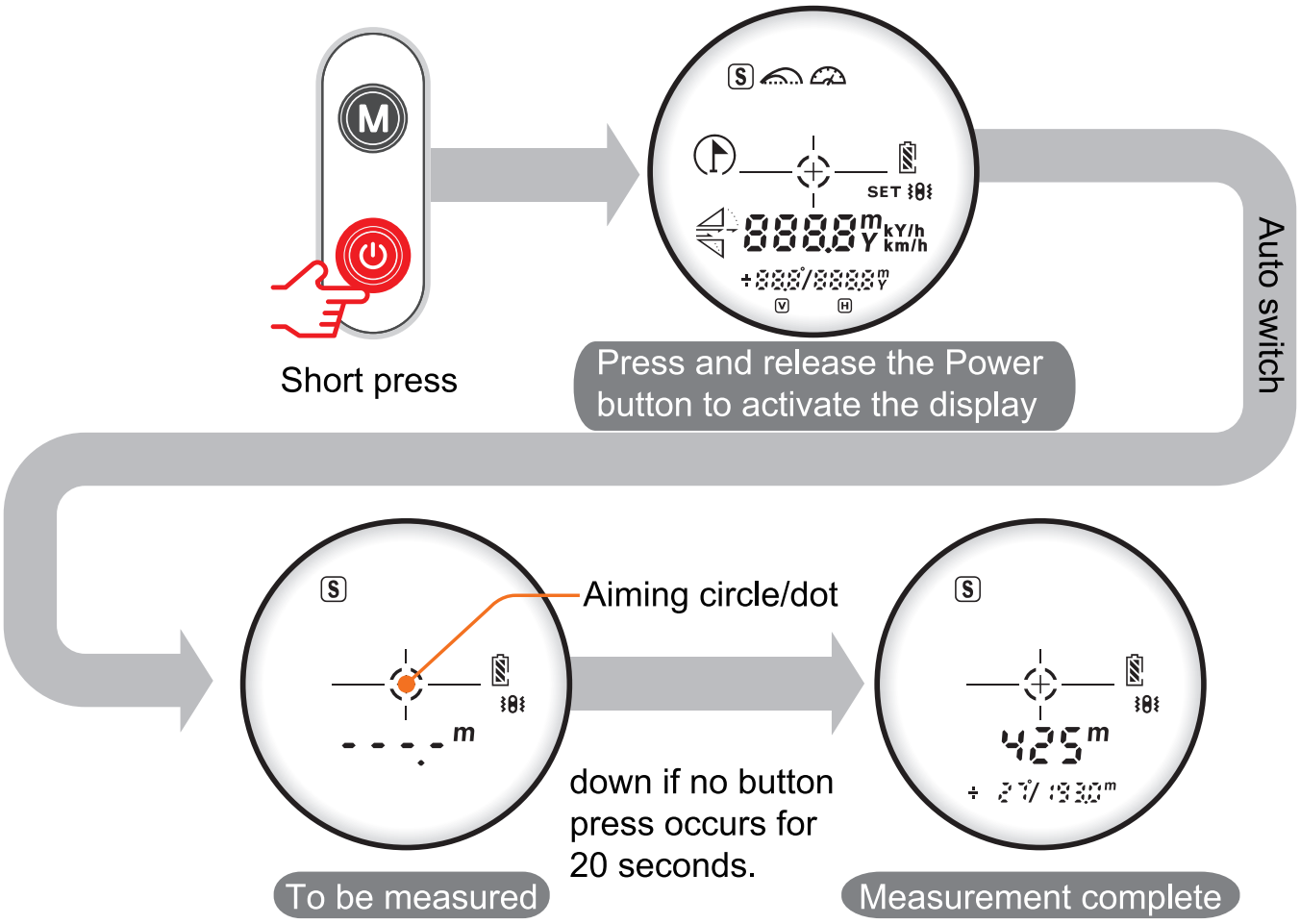
 kY/h

 km/h

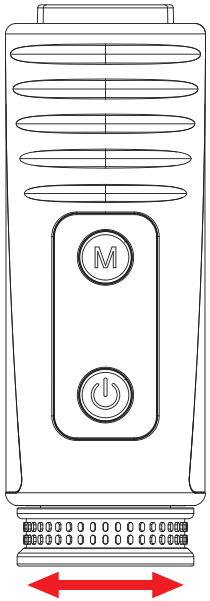
12> 

In linear distance mode: Display height and angle
In flagpole lock mode: Display height and angle
In golf trajectory compensation mode: Display height and actual distance
In height and horizontal mode: Display height and horizontal distance

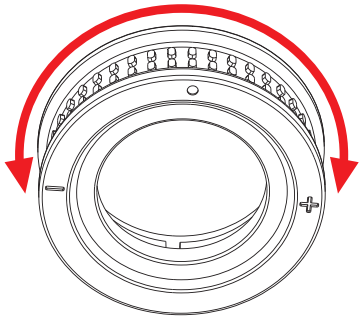
Power On


M
Short press
SET
Press and release the Power button to activate the display
Auto switch
Aiming circle/dot
m
down if no button press occurs for 20 seconds.
To be measured
425 m
Measurement complete

Rotary Focusing Ring



According to the positive and negative indications on the knob as a reference.



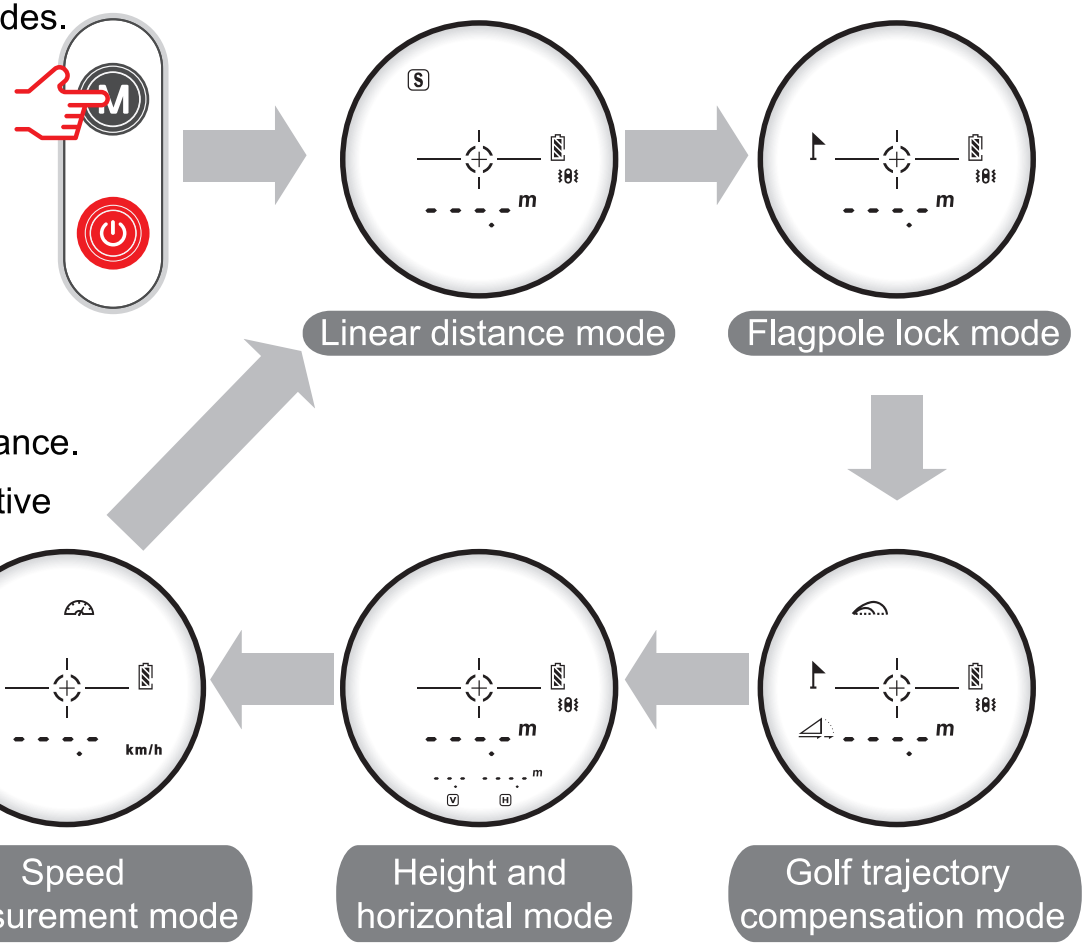
Users who can't see close (e.g., farsighted) should rotate in the "+" direction, and users who can't see far (e.g., nearsighted) should rotate in the "-" direction. Rotate the knob to match eye distance with pupil distance.

Modes

Short press M to switch between different modes.

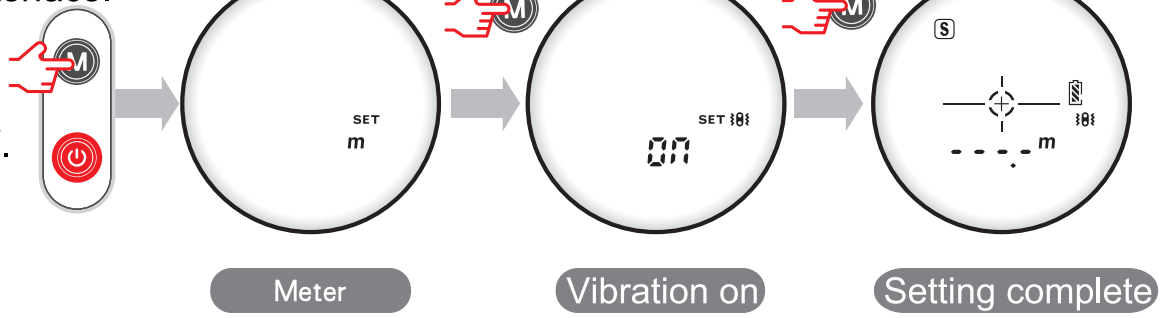
There are 5 modes:

1. Linear distance mode: Measure the linear distance between the user and the target.
2. Flagpole lock mode: Lock the nearest target distance.
3. Golf trajectory compensation mode: Measure the golf trajectory compensation distance.
4. Height and horizontal mode: Measure the relative height and horizontal distance between the user and the target.
5. Speed measurement mode: Measure the target speed.



Units and Vibration

Long press M for 2s to enter the setting interface.



● **Units**

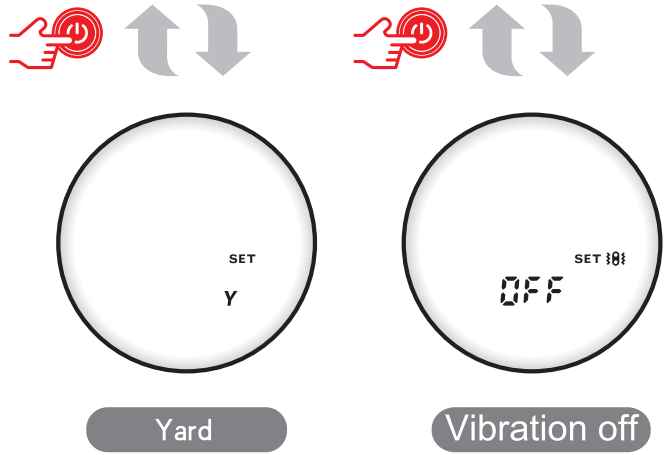
Short press ⏻ to switch between m and Y.

Short press M to set the vibration mode.

● **Vibration**

Short press ⏻ to turn on/off the vibration mode.

Short press M to complete the setting



Note:

1. If the vibration mode is turned on, the product will vibrate once when measuring distance, and twice when locking the flagpole.

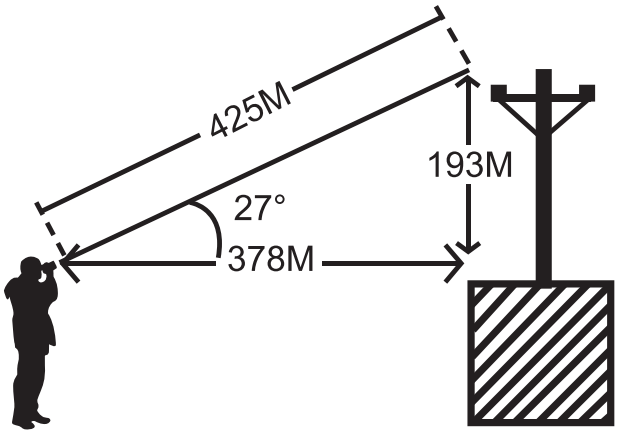
2.If the vibration mode is turned off, the product will not vibrate when measuring distance, and twice when locking the flagpole.

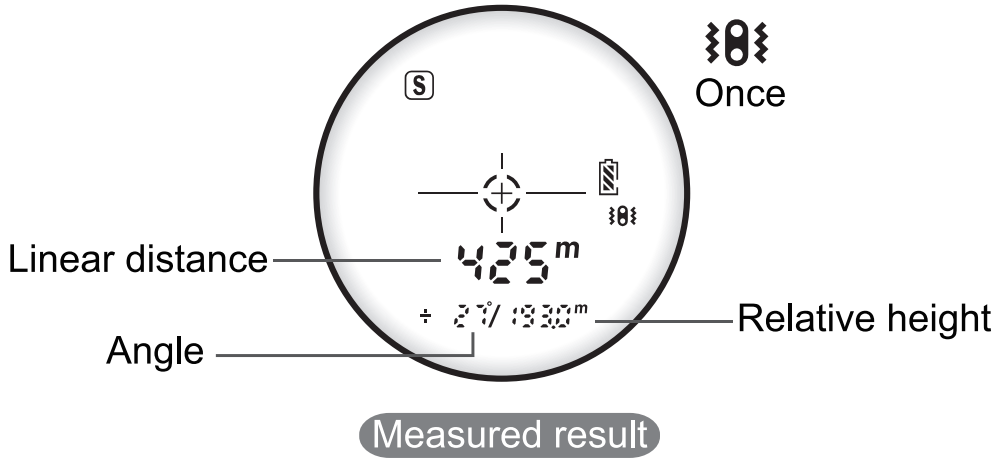
Linear Distance

Measure the target distance, height and angle.

Single measurement: Short press to take a measurement.

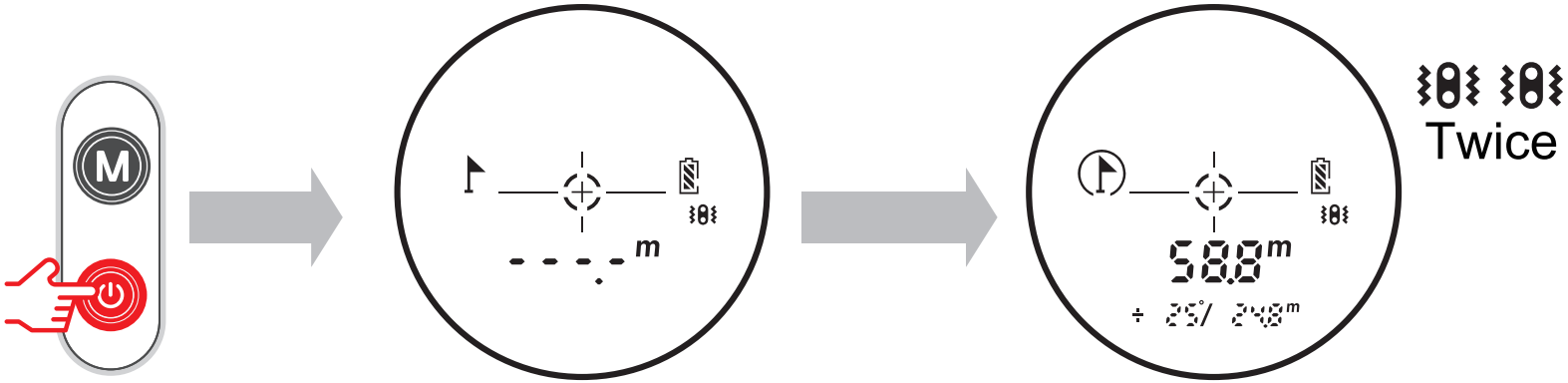
Continuous measurement: Long press to scan the laser across an area and get continuously updated range readings.





Flagpole Lock

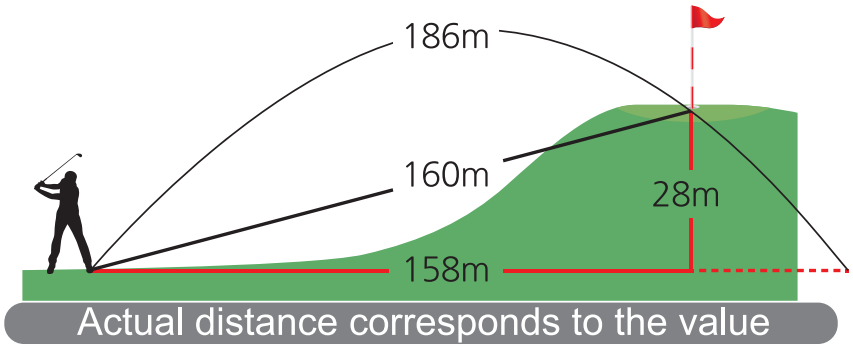
When measuring overlapping targets, long press to display the distance of the nearest target. For example, if it is not clear whether the measured target is the flag or the forest behind it, the product with the flagpole lock function will lock on the nearest target, the flagpole.



Golf Measurement

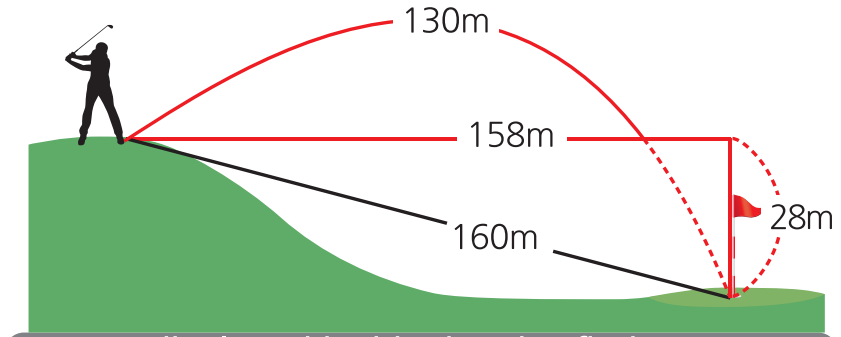
Long press to display the golf trajectory compensation distance, height and actual distance.

Uphill



Actual distance corresponds to the value

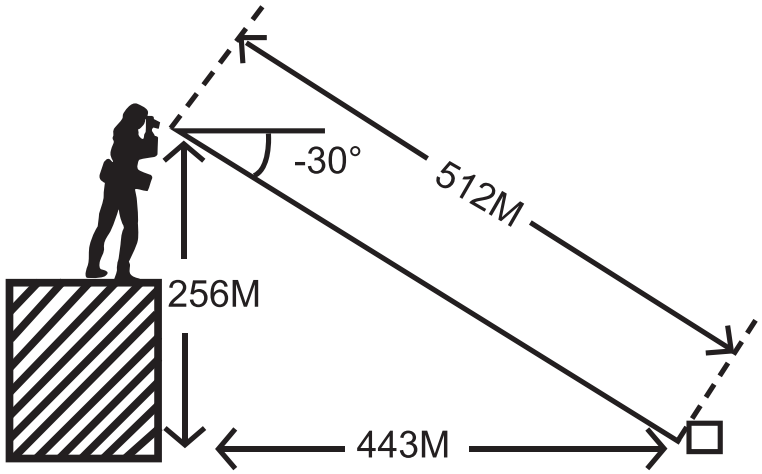
Downhill

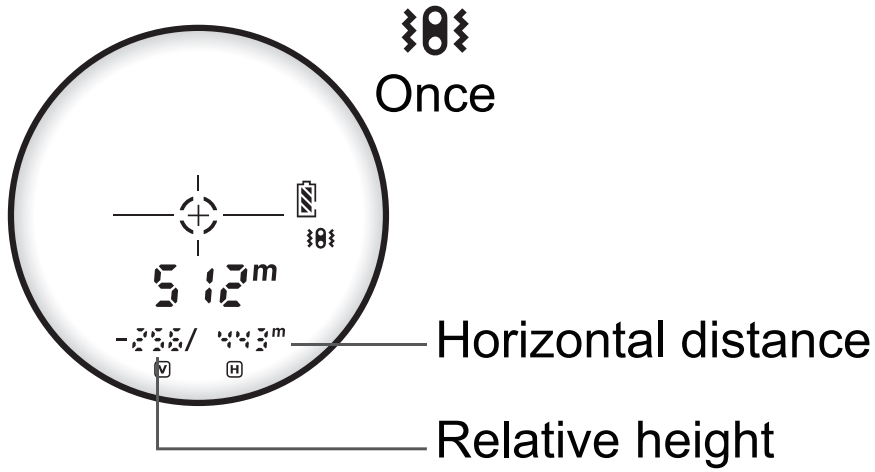


displayed inside the viewfinder

Height and Horizontal Distance

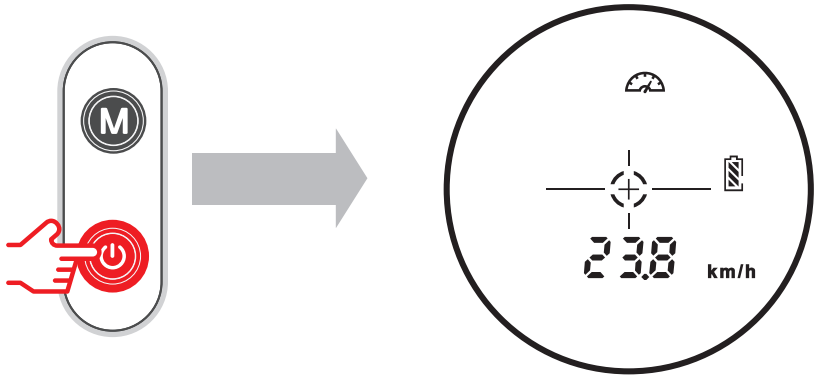
Short/long press to display the relative height and horizontal distance of the observer to the target.





Speed Measurement

Press and hold  and aim at the moving target. The product will calculate the target speed in real time and display it on the LCD.



Cautions

- The product emits an invisible and harmless infrared pulse laser which is then reflected back to the optical receiver on the product from the target. By measuring how long it takes each pulse laser to travel from the rangefinder to the target and back, the product system uses a precise charging circuit to calculate the measured distance in real time. The maximum measurement range of the product depends on the target's reflectivity, color, surface finish, size, and actual shape.

The following factors can ensure optimal range and accuracy:

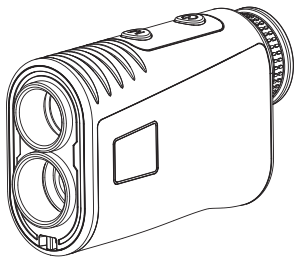
- Sunny weather
- Bright color targets
- Targets with a bright appearance
- No impurities in the air
- Targets with high reflective surfaces

The following factors cannot ensure optimal range and accuracy:

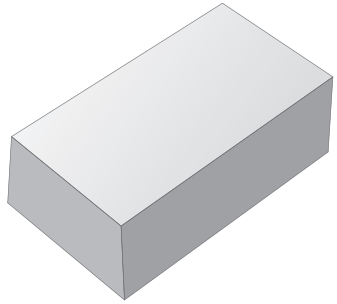
- Black targets
- Snow, rain or fog
- Targets with diffuse surfaces
- Small or micro targets
- Targets to be measured through glass
- Moving targets
- Strong light/sunlight

- When the battery status is  , please charge the battery immediately.
- Do not touch the lens surface to protect the film layer.
- Do not disassemble the product. If it is damaged, send it to specialized departments for maintenance.
- Please wipe the lens gently with a cleaning cloth. Do not wipe with other objects.
- Avoid collision or heavy pressure when carrying.
- Do not bake or corrode the product.
- Store the product in a dry, cool and ventilated place, away from direct sunlight, dust and sudden temperature changes.
- Do not direct the product at the sun or strong light source.

Packing List



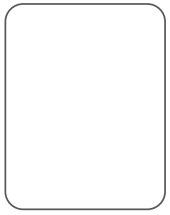
Laser rangefinder



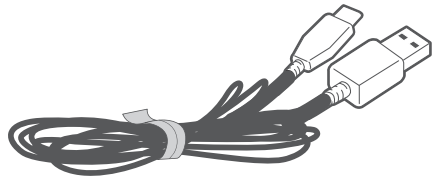
Packing box

Hand strap

Carrying bag



User manual



USB Type-C cable