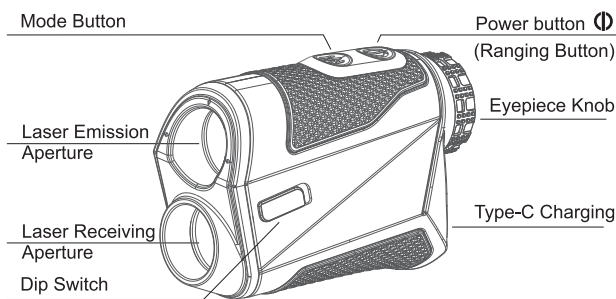




## Operation Manual (KF Series)

### 01 Parts Of Device



— 1 —

### 02 Product Parameters

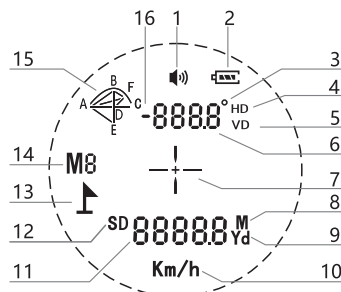
Range	10~1000(m)
Angle Measuring Accuracy	±1°
Angle Measuring Range	-60°~60°
Laser type	905nm (Class 1 laser)
Magnification type	6X
Exit Pupil Diameter	4mm
Object Lens Size	24mm
Field Angle	7°
Battery	3.7V / 800mAh (built-in)
Weight	180g
Dimensions	108mm*76mm*42mm
Operating Temperature	-10°C~50°C

#### List of Accessory:

Laser Rangefinder(1pc)	Carry Bag(1pc)	Box(1pc)
Operation Manual(1pc)	Type-C Charging Line	Lens Cloth(1pc)

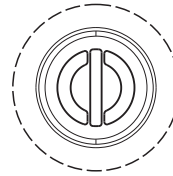
### 03 LCD Display Description

- 1) Vibration icon
- 2) Electricity icon
- 3) Angle unit icon
- 4) Horizontal distance icon
- 5) Vertical height icon
- 6) Angle / Horizontal distance / Vertical height value
- 7) Target icon
- 8) Meter
- 9) Yard
- 10) Speed unit icon
- 11) Range data
- 12) Ranging mode icon
- 13) Flag pole icon
- 14) Measurement mode code icon
- 15) Measurement symbol icon
- 16) Angle/Height negative sign icon




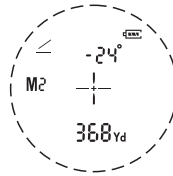
— 2 —

### 04 Basic Operations



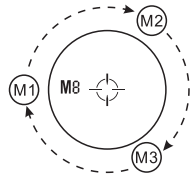
#### Power ON / OFF

**Power ON:**  
Short press the Power button (  ) to turn on.  
**Power OFF:**  
The machine will shut down automatically after 8 seconds if no any operations.



#### Unit Switch ⇌

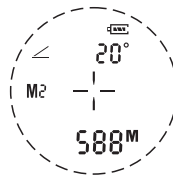
Press and hold the MODE button for 2 seconds to switch the units in turn, and release the MODE button to keep the switched unit;




#### Mode Switch → →

Short press the MODE button to switch between modes. All modes are displayed on the screen in a loop, and the mode is selected when you release the MODE button.

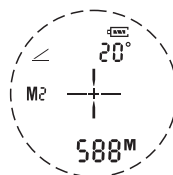
### 05 General operation





#### Single Measurement:

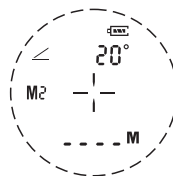
Short press the  button to start the single measurement.  
- Take M2 mode as an example

— 3 —




#### Continuous Measurement:

Press the  button and keep over 2 seconds, the measured distance value displayed alternately on the screen, and the target sign “+” will be showed on the screen until release the  button.



#### Failure Measurement :

If the measure fails, the data on the screen will be displayed as:“----”  
Press the  button to remeasure.

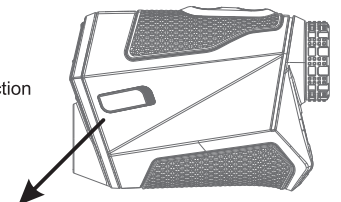
### 06 Slope Switch

The Slope Switch is used to control the opening and closing of the functions of measuring angle, slope correction and measuring horizontal distance. This function is factory set to off.



#### Operation Method:

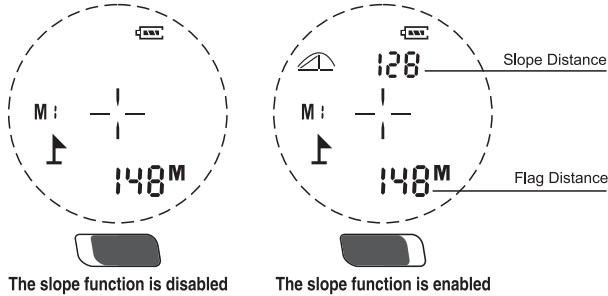
Push the Slope switch to the left to turn on the functions of measuring angle, slope correction and measuring horizontal distance;  
Push the *Slope* switch to the right to turn off the functions of measuring angle, slope correction and measuring horizontal distance.



Push the Slope Switch to the right

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## 07 Flag Locked+Slope Mode



The slope function is disabled

The slope function is enabled

### When the slope function is disabled:

Aim at the flag, press the p button, and the rangefinder will vibrate to prompt you: the flagpole distance is displayed at the bottom of the screen.

### When the slope function is enabled:

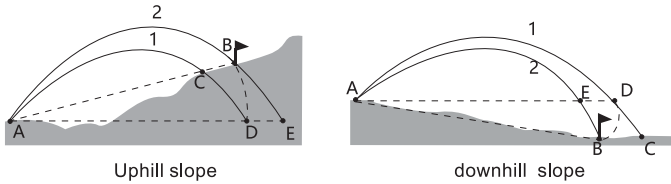
Aim at the flag, press the p button, and the rangefinder will vibrate to prompt you: the flag pole distance is displayed at the bottom of the screen, and the slope correction distance is displayed at the top of the screen.

### Note:

This mode supports continuous measurement. After pressing and holding the power button for about 2s, the flagpole will be locked continuously; Every time the flagpole is locked, the fuselage vibrates once, and the measured values on the screen are updated once

## GOLF SLOPE CORRECTION USE SCENES

You could get the slope correction distance using AB distance and angle according to golf track formula.



Uphill slope

downhill slope

— 5 —

### When uphill, the hitting distance is far

$AB=AD$ , if you want hit to B point, you would hit like parabola 2 instead parabola 1;

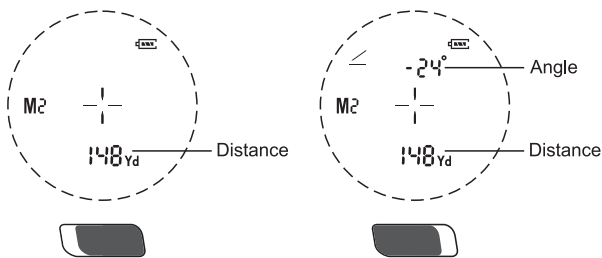
When uphill: The distance the ball travels should be the distance between AE.

### When downhill, the hitting distance is shorter

$AB=AD$ , if you want hit to B point, you would hit like parabola 2 instead parabola 1;

When downhill: The distance the ball travels should be the distance between AE.

## 08 Ranging Mode



The angle function is disabled

The angle function is enabled

### When the angle function is disabled:

Short press the button (P) after targeting, the distance would be displayed on the bottom.

### When the angle function is enabled:

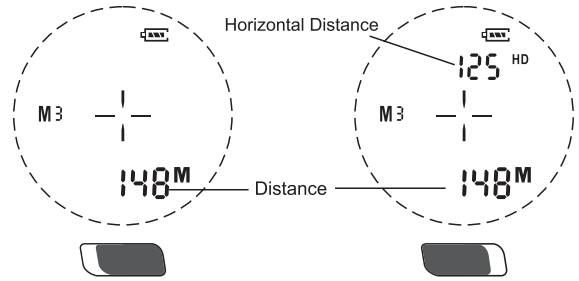
Short press the button (P) after targeting, the angle would be displayed on the top of the screen, and the distance would be displayed on the bottom.

### Note:

- This mode supports continuous function;
- The number displayed in front of the tilt angle indicates that the angle value is a depression angle; Angle range  $\pm 60^\circ$ .

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## 09 Horizontal Distance Mode



The horizontal distance function is disabled

The horizontal distance function is enabled

### When the horizontal distance function is disabled:

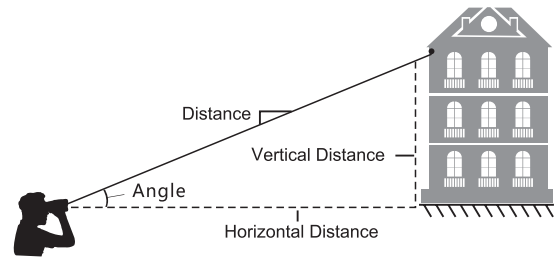
Short press the button (P) after targeting, the distance would be displayed on the bottom.

### When the horizontal distance function is enabled:

Short press the button (P) after targeting, the horizontal distance would be displayed on the top of the screen, and the distance would be displayed on the bottom.

This mode supports continuous function

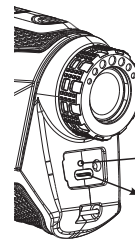
## GENERAL USAGE SCENARIO DESCRIPTION



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## 10 Battery

This machine uses a built-in rechargeable lithium battery (hereinafter referred to as battery)



Fully charged

Low power, please charge

**Battery specifications:** built-in 3.7v lithium battery

**Battery life:** charge and discharge 800 times;

**Power adapter:** 5V/0.8A

(accessories without power adapters)

Power Indicator

Charging hole

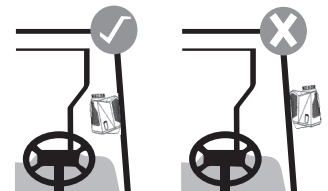
After power-on, first observe the power from the LCD screen, if the power is insufficient, please charge in time; Open USB charging plug, the indicator shows that the red is charging, the indicator shows that the green is charging completed.

## 11 Magnetic Attraction

### Notice:

When using the powerful magnetic attraction of the rangefinder to attach the golf cart, please do not place the rangefinder on the outside of the golf cart.

This product is not suitable for severe weather conditions such as rain, haze, and snow.



Do not place the eyepiece under direct sunlight. The condensing effect of the lens may damage the internal LCD screen.

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