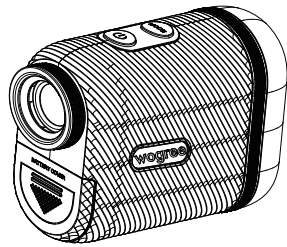




H-115H Range Finder

Operation Manual



1.3 Parts of Device

- 1) Emitter/Objective lens
- 2) Receiving lens
- 3) Mode/Meter & Yard Select Button
- 4) Power Start Button
- 5) Eye-piece
- 6) Focusing Ring
- 7) Battery Cover
- 8) Tripod Adaptable

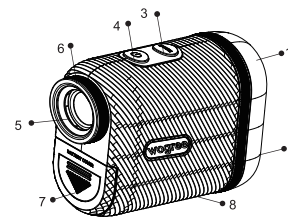


Figure 1
Parts of device

1.4 LCD Display Description

- 1) Bow Hunting
- 2) Target
- 3) Bluetooth
- 4) Range Data
- 5) Yard
- 6) Speed
- 7) Meter
- 8) Vertical/Horizontal Distance
- 9) Slope Distance Symbol
- 10) Flag Lock
- 11) Angle
- 12) Vibration
- 13) Model
- 14) Battery Indicator

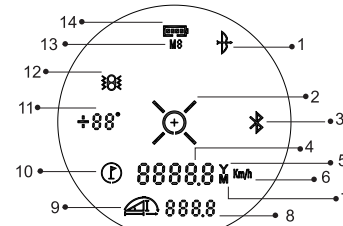


Figure 2
LED Display

Note:

The full LCD only shows when it turns on. Some icons will not be displayed while using them. LCD screen uses the most advanced technology, but this does not ensure complete removal of dust. When using this product, the LCD screen will be in high magnification and dust may appear in the form of defects, but does not affect ranging function.

2. Instructions for Use

2.1 Measurement Considerations

Measurement targets

The range finder is suitable for measuring high reflectivity objects (such as highway's signpad), moderate reflectivity objects (such as building's wall) and low reflectivity objects (such as tree, golf flag, utility pole, animal etc.) When the reflectance is reduced to a certain extent, the range will be reduced accordingly.

3.3 Single measurement / Continuous measurement / Failure measurement

Single measurement: Short press the power button to start single measurement.
Continuous measurement: Press the power button and keep over 2 seconds, the measured distance value will display alternately on the LCD screen, and the target sign "+" will show on the screen until release the power button.
Failure measurement: Failure Measurement shows like figure 7. The product will shut down automatically in 8 seconds without any operations. Press the power button again and it will start on.

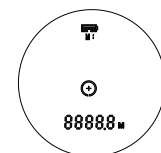


Figure 5
Single Measurement

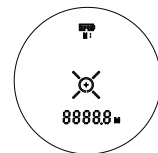


Figure 6
Continuous Measurement

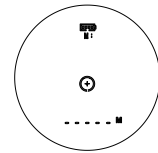


Figure 7
Failure Measurement

Note:

If the measure fails, the measured value on the screen will display as: "----"

4. Model Operating Instructions

4.1 H-115H

Mode icon

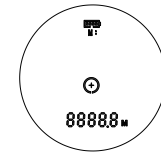


Figure 8
Range mode

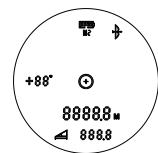


Figure 9
Bow hunting mode

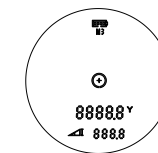


Figure 10
Vertical distance mode

Mode Description

- 1) **M1 Mode:** Short press the power button to measure straight-line distance. (as figure 8)



Figure 3 Measurement targets

Factors that influence ranging capability

- 1) **Target reflectivity:** Generally speaking, the higher the reflectivity of the object, the better the ranging ability. (It may fail to measure the target that can hardly create diffuse reflection, such as water surface.)
- 2) **Target shape:** When a target is too small or uneven, ranging capability and range corresponding speed will decrease.
- 3) **Measuring angle:** The ranging ability would be better if the measured object is vertical with laser emission's direction. It is possible that the measuring range cannot meet the ranging ability specified in the manual under some extreme conditions.
- 4) **Environment factor:** The environment factors including sunshine intensity, the concentration of water vapor in the air and suspended particles. (such as rain fog, snow, fog, haze, etc.)
- 5) **Factors affecting Speed mode:** When in speed mode, the faster the object moves, the higher measuring accuracy will be, and the object is vertical with laser emission direction will be best. This laser range finder can only guarantee the accuracy within $\pm 10^\circ$.

The range ability of the product defined under the following conditions:

- 1) The measurement target is with moderate reflectivity, such as building walls.
- 2) The measured object is vertical with laser emission direction.
- 3) The weather condition is sunny but not direct sunlight.

2.2 Battery Instructions

Power indication

Full power:

Battery runs out and needs to be replaced:

Battery Service Life

Continuous operation times: About 5000 times (25 °C). The times will change somewhat due to the different conditions.

2) **M2 Mode:** Bow hunting mode. Aim at the target, and short press the power button, it will also show the angle / straight-line distance / horizontal distance. (as figure 9)

3) **M3 Mode:** Short press the power button after targeting, the straight-line distance and vertical distance display on the bottom. (as figure 10)

5. Safety Precautions

5.1 Transport/Storage/Maintenance/Disposal

Transport: Please add enough cushioning material in the box to avoid damaging the machine while in transport. When the machine falls on the ground, and makes a strange noise, please remove the battery immediately and stop using it.

Storage: Please keep the product out of reach of children. Don't put it in a high and unsteady place to prevent falling on the ground. Do not place the product in a high temperature environment or it may cause damage to the products.

Maintenance: If the product is used in rapidly changing temperature, the lens surface will be covered by fog. So please don't use it before the fog evaporates. Please clean with lens cloth but not your hands when it is dirty, or it may cause damage to the glass coating.

Disposal: The product package and discarded products should be recycled or disposed of properly in accordance with local laws.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help. Shielded interface cable must be used with the equipment in order to comply with the limits for a digital device pursuant to Subpart B of Part 15 of FCC Rules. Specifications and designs are subject to change without any notice or obligation on the part of the manufacturer.

1. Product Specifications

1.1 General index

Range	5-1500(Y)
Laser type	905nm(Class I)
Magnification	6X
Exit Pupil Diameter	3.7mm
Object Lens Size	22mm
Field Angle	7.5°
Battery	CR2-3V
Weight	145g
Dimensions	103*77*34mm
Operating Temperature	-10°C-50°C

1.2 List of Accessories

- Rangefinder(1pcs)
- Carry Bag(1pcs)
- Lens Cloth(1pcs)
- Carabiner(1pcs)
- Lithium Battery(1pcs)
- Hang String(1pcs)
- User Manual(1pcs)

1

Replace the battery

Referring to Figure 4 to open the battery compartment cover, follow the arrow to slide the cover to open it. Be sure to insert each battery so its polarity (+/-direction) matches the polarity indications inside the battery compartment, then close the battery door after loading the batteries.

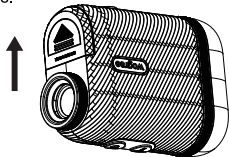


Figure 4
battery replacement illustration

Cautions

- 1) Please tear off the plastic film before installing the battery.
- 2) Please take out the battery at once if it runs out or doesn't use for a long time.
- 3) The battery should be installed with the "+,-" poles in right direction according to battery housing label indication.
- 4) Please use the same specification CR2 brand battery. Explosion or leakage of liquid due to the use of sub-CR2 batteries, we will not assume any responsibility.
- 5) Please don't put the battery together with metal items such as keys, coins in one pocket or it may cause overheating by short circuit of the battery.
- 6) Don't keep the battery in extreme temperature environments.
- 7) Waste battery disposal should comply with local laws and regulations.

3. General Operation

3.1 Power on/Power off

Power on: Press the power button for more than 2 seconds and all the signs will show on the LCD screen. If only short press the power button, the LCD screen just displays last used or default mode signs, but not all signs.

Power off: The product will shut down automatically in 8 seconds if no any operations.

3.2 Unit/Mode switching

"M" or "Yard" unit setting: In the boot state, long press of the mode button to change the unit of length, M or Yard.

Mode switching: In the boot state, press the mode button and keep less than 2 seconds, then measurement mode switch can be activated.

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