

Range Finder LW800 GOLF PRO User Manual



LW800 PRO range finder integrates the advanced technology of Emission Projection Display (EPD), to replace traditional Transmission Display LCD screen, which upgrades products performance in below two points:

1) Emission Projection Display Screen solves the problem of unable to recognize reading from rangefinder in dark circumstance.

2) The optics light transmittance has been improved to a great extent, higher glass transparency.

LW800PRO also added foldable eyepiece cover for the convenience of eyeglasses users.

Features:

Objective lens diameter: 21mm
Magnification power: 6X
Field of view: 7.2°
Eye relief: 16mm
Resolution: +/- 0.5m when
distance <200m.
+/-1m when distance >200m.
Max range: 800M
Min range: 5M
Unit: Meter/Yard
Battery: 3V (CR2)
Waterproof: IPX4

Size:

Length: 105mm
Width:
37mm (up)
33mm (bottom)
Height: 70mm
Weight: 155g

Attention: This product is high precision optic products, things listed below but not limited to will cause unrecoverable problems to products, which will not be covered by warranty.

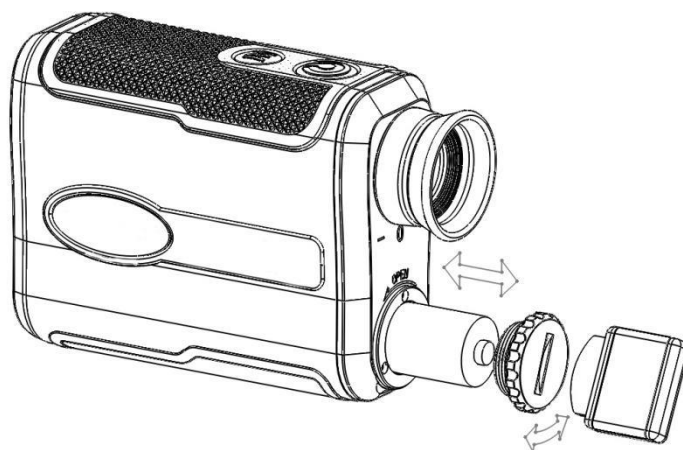
For example:

1. Expose products outside with surrounding temperature above 50 Celsius degree or below -10 Celsius degree
2. Soak products in water
3. Drop rangefinder or do other physical damage to products
4. Dismantle products

I. Instruction

I.1 Inserting battery

- I.1.1 counterclockwise to open battery lid
- I.1.2 inserting 3V battery of CR-2 type, negative polar downward
- I.1.3 clockwise to put back on battery lid and tight it



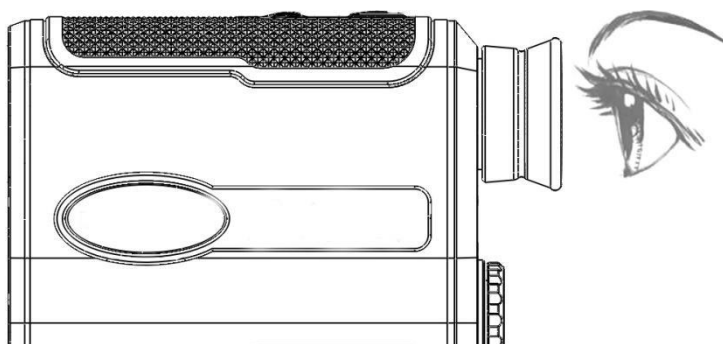
I.2 Eyepiece cover: this eyepiece is foldable, suitable for users without (graphic 1) and with (graphic 2) eyeglasses.

When need to use products with eyeglasses, please fold the eyepiece cover outward like graphic 2 to ensure a good field of view for eyeglasses wearer.

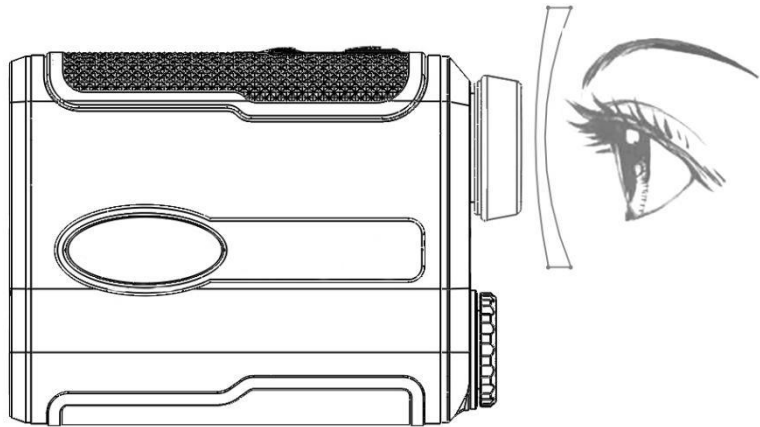
Please set the eyepiece cover according to specific using situation.

Without eyeglasses

(graphic 1)

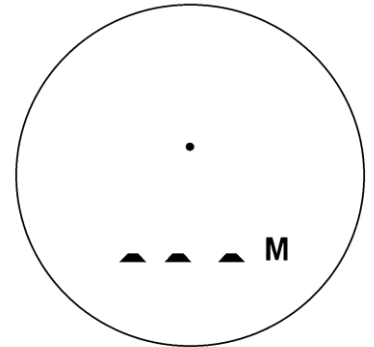


With eyeglasses
(graphic 2)



I.3 Internal LCD display screen

Press  power key



The default mode is “ranging” for first time to start rangefinder

I.4 Diopter adjustment

After setting of eyepiece cover, start the rangefinder. View through the rangefinder eyepiece to check scenery, turn the eyepiece cover left and right to make the scenery as clear as the character on the display screen.

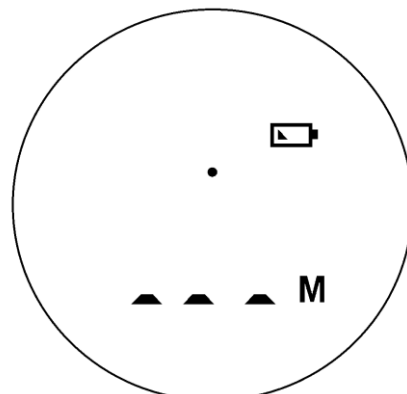
I.5 Automatic Brightness Adjustment

Emission Projection Display (EPD) technology is applied to achieve red back light display with brightness automatic adjustment according to surrounding lighting brightness.

I.6 Unit conversion

Long press **M** key to change unit between Metric and Yard

I.7 Low power warning



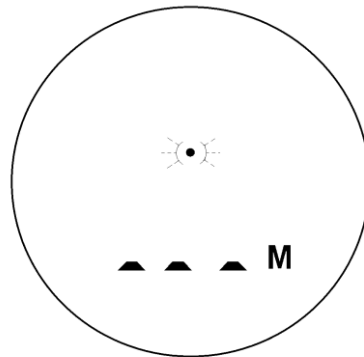
When battery power is too low, the low battery icon will appear all the time to remind user to change battery.

II. Ranging Operation

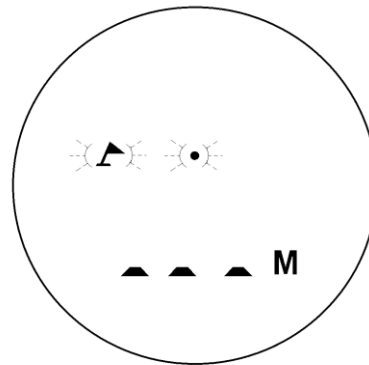
II.1 Mode choosing

Short pres: **M** key to choose between “Ranging”, “Fog” “Pinlock”, “Golf distance correction”, “Horizontal distance measure” and “Vertical height” circularly.

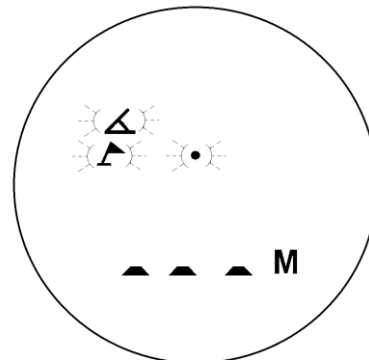
Ranging mode



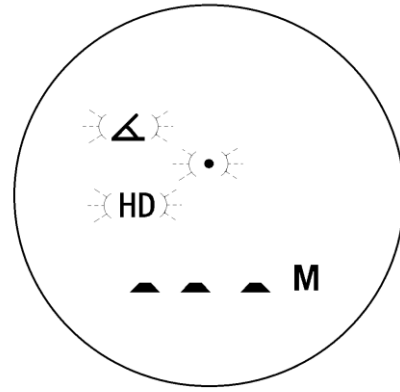
Pin lock mode



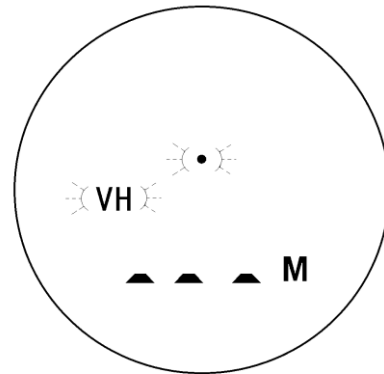
Golf distance correction



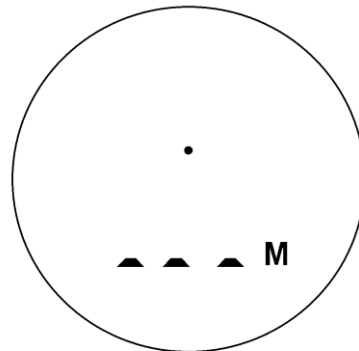
Horizontal distance measure




Vertical height measure



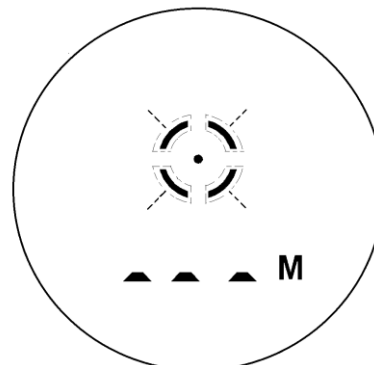
II.2 “ranging” mode



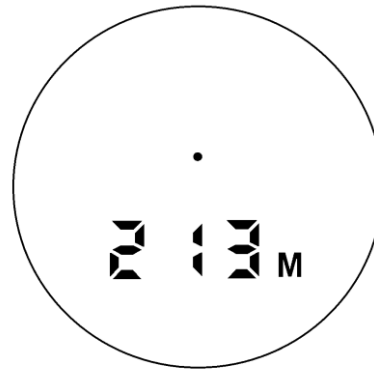
II.2.1 Single ranging mode

Short press  power key to start ranging, the circle around the aiming dot will blink, which means laser sent out. Reading will be available then.


Ranging display



Reading display

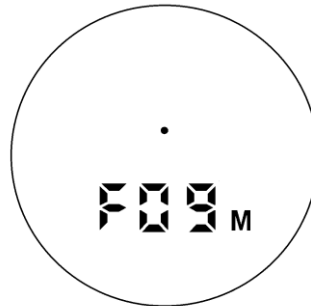


II. 2.2 Scan ranging mode

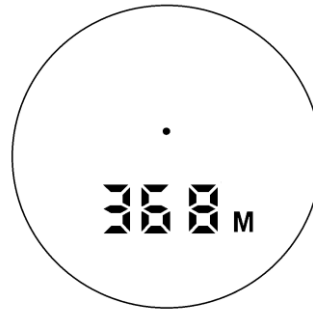
Under ranging mode, long press power key  to targets, readings will display continuously.

r across

II. 3 “Fog” mode

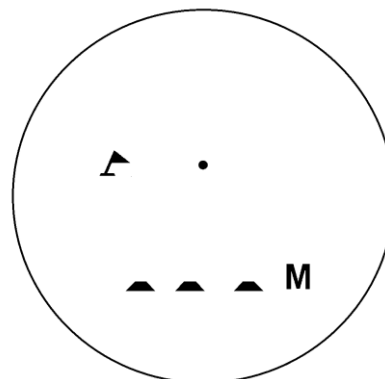


Under fog mode, short press  to measure distance



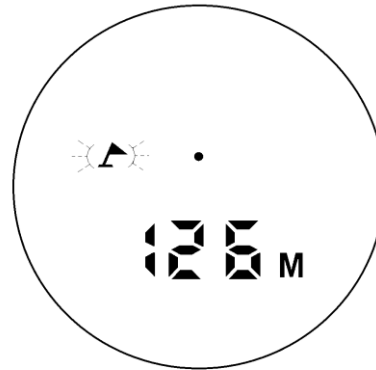
In this mode, the rangefinder will dismiss the interference of mist or rain. The shortest distance should be bigger than 25m (>25m)

II. 4 “Pin lock” mode




In pin lock mode, press power key to activate pin seeker scan function. Then target rangefinder aiming point at flagpole and scan. When to flagpole distance is measured, the reading will be kept and the flag on screen will blink to show that the flag distance is locked.

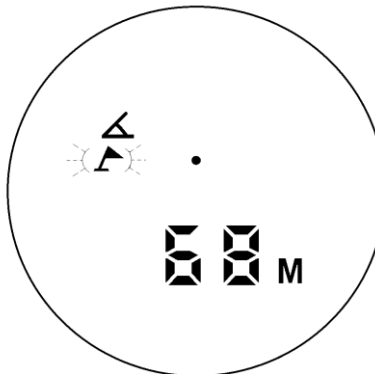
Pin lock display



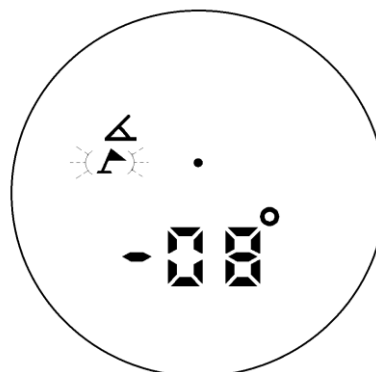
II. 5 “Golf distance correction” mode

Short press power key  to activate “scan pin seeker ranging”. The measure method is the same as “pin seeker mode”. After acquiring distance to flagpole, the angle is measured at the same time. Rangefinder then starts ballistic calculation. The angle compensated distance will show alternatively with angle on the screen.


Angle compensated distance

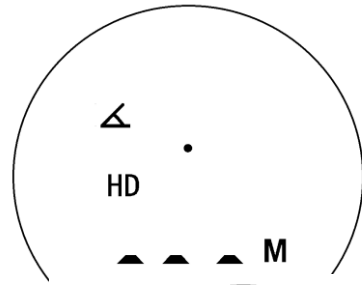


Angle



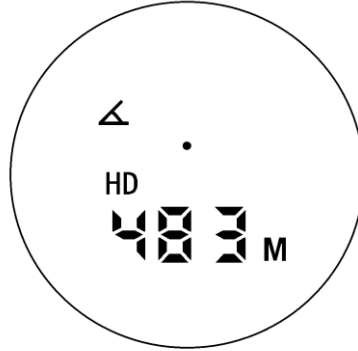
II.6 “Horizontal distance measure” mode

Short press power key  to measure distance and angle will display alternatively.

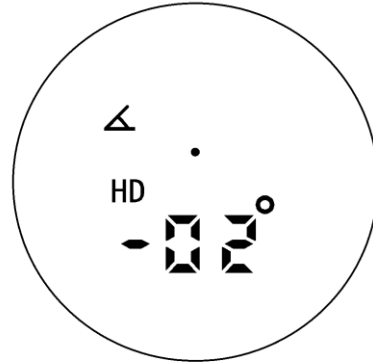


tal distance


Horizontal distance



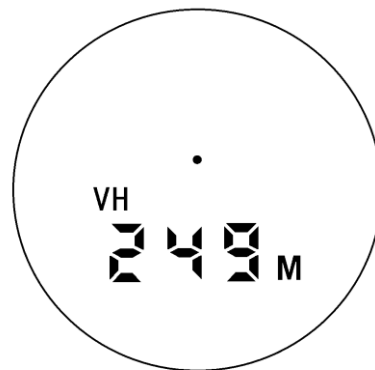
Angle




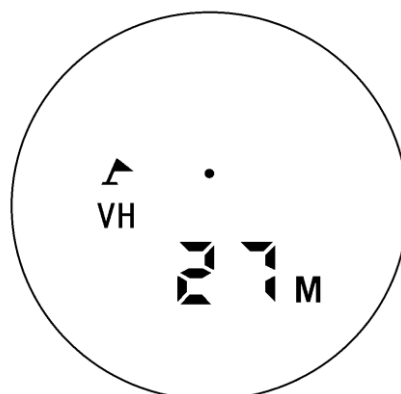
II. 7 “Vertical height measure” mode

Aim the bottom of the target, short press power key  display first.

will



And then aim the other end of the target, short press power key  to get distance and angle to the other end of target. Then vertical height will be calculated and displayed.



III. When there is no reading on the internal LCD screen:

1. Make sure battery is inserted correctly and press power key
2. Make sure no object block vision of objective lens, like transparent window glass or hand etc.
3. When measure, please hold product steadily and aim target correct, then press power key