

kogan

800m Laser Rangefinder

KALZRRFINDR

USER MANUAL



 **WARNING:**

CHOKING HAZARD - Small parts and batteries. Not for children. Use with adult supervision only

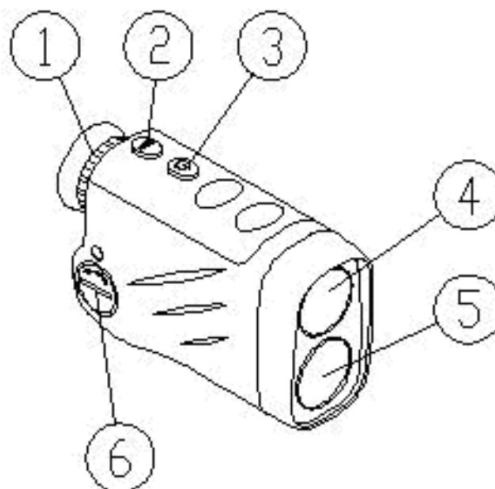
Nikon LR-800 Premium Laser Rangefinder – User's Manual

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1 .Usage

This laser rangefinder (abbreviated to LDM), combined with the function of common telescope and laser distance-measuring instrument, can measure the distance from its scope to an object in the distance.

The LDM is safe for eyes, small in volume and lightweight. It only requires a single CR2 3V battery that is easy to buy and change at your convenience. Its measurement system isn't affected by inclement weather, nor is it affected by small obstructions such as wires, branches, etc. The LDM can be used in sports and activities (golf, hunting, etc).



Picture 1

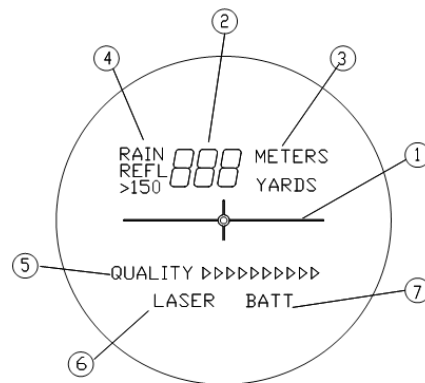
- 1 ---- The telescope eyepiece (inner—distance display)
- 2 ---- Mode button
- 3 ---- Trigger button
- 4 ---- The telescope objective (laser emission objective)
- 5 ---- Laser reception objective
- 6 ---- Battery lid

2. Specifications

Measurement Range	5---800m
Measurement Pattern	<i>Semiconductor laser measurement</i>
Error in Measurement	$\pm 1m \pm 0.1\%$
The Pattern of Measurement Display	<i>Inner-vision-field LCD display</i>
Effective Objective Lens Aperture	25 mm
File Coating	<i>Multiple file coating</i>
Outlet Pupil Diameter	3.8mm
Outlet Pupil Distance	12mm
The Pattern of Alignment Focus	<i>Eye-piece Focusing Adjustment</i>
Telescope Multiplying Power	6x
Vision Field within 1000m	122 m (7° of field of view)
Modes of Measurment	<i>RAIN;RELF>150;standard model if no display</i>
Mains Voltage	3V (excluded)
Dimensions	120×72×44
Weight	225g
Water-proof Function	<i>Rain-Guard</i>
Battery	CR2 3V

3 . Diagram of the inner lens display

3.1 Symbol sketch as picture 2



Picture 2

3.1 Symbol for aim: "--|-- "

3.2 Distance display

3.3 Distance expressed in "METERS" (m) or "YARDS" (yd)

3.4 Distance conditions:

- No display = standard condition;
- "RAIN" = refers to rainy conditions, measuring objects beyond 60m
- "REFL" refers to for foggy conditions
- ">150" indicates that there are interfering objects within 150m

3.5 The quality of the measurment. This is displayed via the text -

"QUALITY▼▼▼▼▼▼▼▼" - just under the field of vision. When there are six or more "▼" symbols, this indicates that the return-wave is strong enough to measure and display distance.

3.6 Laser emission: when emitting the laser, the "LASER" glitters.

3.7 When "BATT" is displayed, this indicates that the battery needs to be changed due to low battery power.

4. Measuring Distance

4.1 Adjust the eyepiece degree of the telescope to make the object clear in the field of vision.

4.2 Click the "trigger" button. The lends will display "+", as a crosshair. Aim the device at your desired object. Re-click the "trigger" button and keep pressing it for about three seconds. It will display the distance of the object. The device will shut off automatically if it is not used in fifteen seconds.

4.3 In order to ensure accuracy, keep pressing the "trigger" button for more than three seconds until the distance of the object registers for the second time. Note: do not press the button excessively.

- 4.4 Use the “mode” button. The use of each mode should be chosen in accordance with the environment/conditions in which the measurements are being taken. When switching the device on, the default mode will be the last mode chosen by the user.
- 4.5 If the distance unit needs to be switched, keep pressing “mode” for more than three seconds.
- 4.6 Distance-measuring of the LDM is affected by the characteristics of the objects, the angular of the emitted tight beam and the surface of object, and the visibility of weather. Generally speaking, if the surface of the object is smooth, the light is bright, the area is large, the light beam is vertical with the surface of the object and the day is fine ,the distance tends to be longer. In the opposite conditions, the distance will generally be recorded as shorter.

5. Important Notes

- 5.1 Don't take apart the device. Doing so risks damaging the inner electric circuit.
- 5.2 Don't clean the outside of the lens with hands, please use the appropriate lens-cloth. The outside lens should be cleaned with soft cloth.
- 5.3 Don't invert the battery.
- 5.4 The battery should be taken out if the LDM is not going to be used for a long time.
- 5.5 The device should be stored in a dry place when not in use .
- 5.6 The device should be used when the temperature is between -20°C and 40°C.
- 5.7 The Laser Rangefinder should be repaired only by qualified professionals. Please do not disassemble or repair the product on your own, or the after-service guarantee would be rendered invalid.

6. Inclusions

Leather box----- x1
Strap-----x1
Lens cloth-----x1
Directions-----x1