



LRF400
Laser Range Finder
2.1301



LRF600
Laser Range Finder
2.1302

LRF1000
Laser Range Finder
2.1303



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Safety instructions
Sicherheitshinweise
Consignes de sécurité
Instrucciones de seguridad



Maintenance
Pflege
Entretien
Cuidados



Description
Benennung
Désignation des pièces
Designacion



Operation
Bedienung
Utilisation
Reglaje



CAUTION

The color, surface finish, size and shape of the target all affect reflectivity and range. The brighter the color, the longer the range.

Red is highly reflective, for example, and allows longer ranges than black color, which is the least reflective color. A shiny finish provides more range than a dull one. A small target is more difficult to range than a large target.



The angle to the target has also an effect. Shooting at a target at a 90° angle (where the target surface is perpendicular to the flight path of the emitted energy pulses) provides a good range while a steep angle on the other hand, provides limited ranging. In addition, lighting conditions (e.g. the amount of sunlight) will affect the ranging capabilities of the unit. The less light (e.g. overcast skies) the farther is the unit's maximum range.

Conversely, very sunny days will decrease the unit's maximum range. As long as the user can see the target in the monocular, the laser range finding is not affected. The product should be stored in the temperature condition between 5-35° Celsius. Operating temperature: -20° und +40° Celsius.

CAUTION

Viewing the sun can cause permanent eye damage. Do not view the sun with this range finder or even with the naked eye!

Do not disassemble the device; this will void the warranty.

The LRF is not waterproof.

WARRANTY

The Umarex company will repair or replace your device free of charge (up to 12 months from date of purchase) provided the defect was not caused by you. Return the device to the authorised dealer from where you bought it.



MAINTENANCE

A special lens cloth is strongly recommended for cleaning the exterior. Do not use cloths or cleaning agents that could scratch the device or the optical components. When using the unit in rain or snow, dry it frequently with a dry, lint-free cloth and make sure that water does not get in. If the device comes into contact with salt water, clean it immediately with a moist cloth and dry it.

DISPOSAL

Please note that flat batteries must not be put in the household waste. Dispose of them properly, hand them in at your local shop for disposal or take them to a used battery collection location. Do not recharge the batteries, subject them to heat or throw them into a fire. Improper use can cause a life-threatening explosion or chemical fire. If you do not intend to use the device for a long period, remove the batteries and store them in a cool, dry place.



Li

TECHNICAL DATA

Magnification: 6x

Objective lens: 25 mm

Prism: Bak4 roof prism

Ocular focus adjustment

Coating: Multicoated optics to reduce reflection

Exit pupil: 3.8 mm

Eye relief: 12 mm

Field of view: 130 m at 1000 m

Standard mode in rain: 60 m

Accuracy under normal weather conditions: $\pm 1 \text{ m} \pm 0.1\%$, $\pm 1^\circ$

Display: LCD

Power source: single 3V (CR2) battery

Maximum laser output: 33 W

Laser wavelength: 905 nm

LASER
CLASS

I



MAGNIFICATION

6x

LRF400

Distance measurement: 10 - 400 m
Dimensions:
40 x 99 x 68 mm
Weight: 180 g

LRF600

Distance measurement: 10 - 600 m
Dimensions:
13 x 82 x 48 mm
Weight: 204 g

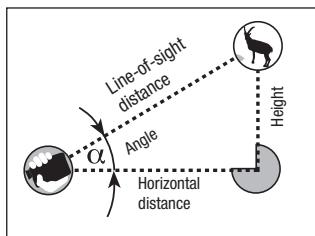
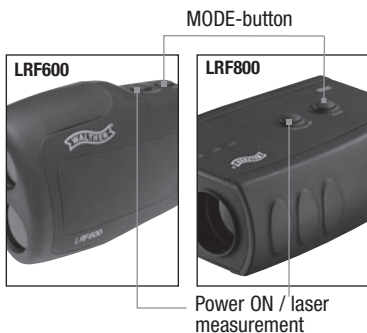
LRF1000

Distance measurement: 10 - 1000 m
Dimensions:
125 x 98 x 50 mm
Weight: 320 g



DESCRIPTION

EN





BATTERY CHANGE

EN



Open battery compartment.



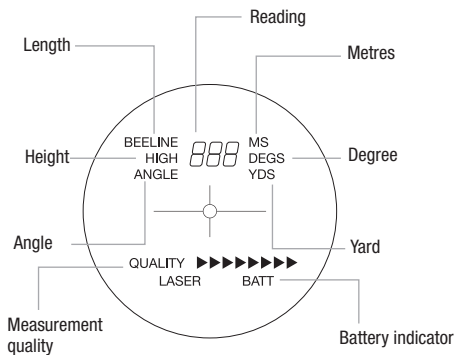
Insert battery.
(Observe correct polarity!)



Close battery compartment.



DISPLAY





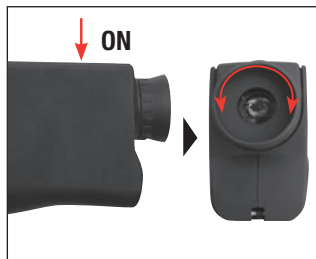
ADJUSTING

EN

Engage the device.

Turn the ocular until the target is in focus.
Centre the target in the circle.

The rubber eye cup can be folded down for eyeglass wearers.



OPERATION

The object to be measured should be targeted at the circle center

Distance indicated with 3 digits. When „---“ shown indicates no distance being measured.

Units of measurement: degrees (DEGS) for angles; metres (MS) or yards (YDS) for distances.

Quality:

▶▶▶▶▶▶▶ high measurement quality

▶▶ low measurement quality

Press ON for three seconds: Blinking “LASER” means that a laser beam is being emitted and a reading is being taken.

„BATT“ indicates a low battery.





MEASUREMENT FUNCTIONS

EN

Press ON to turn on device.

Press the MODE button briefly to select between different functions:

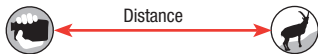
- Line-of-sight distance measurement
- Height and horizontal distance measurement
- Angle measurement

Power will be turned off automatically after 15 seconds of non-use



LINE-OF-SIGHT DISTANCE MEASUREMENT

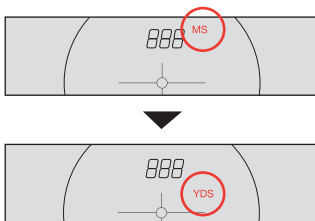
Press ON for 3 seconds:



Distance in metres:

To switch between measurement units, press the MODE button and hold it for 3 seconds.

Distance in yards:



CONTINUOUS MEASUREMENT

Press ON continuously:

The range finder measures continuously while it is being moved. Continuous measurements can be performed with all measurement functions.





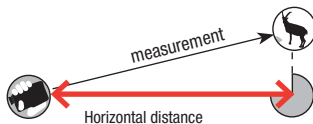
MEASUREMENT FUNCTIONS

EN



HORIZONTAL DISTANCE MEASUREMENT

Press **MODE** and change to horizontal distance mode, press **ON** for 3 seconds:

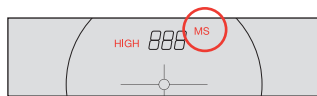
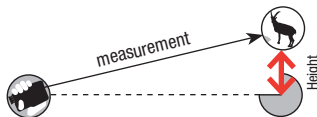


To switch between measurement units, press the **MODE** button and hold it for 3 seconds.



HEIGHT MEASUREMENT

Press the **MODE** button briefly:

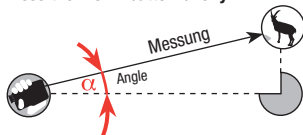


To switch between measurement units, press the **MODE** button and hold it for 3 seconds.



ANGLE MEASUREMENT

Press the **MODE** button briefly:





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