

STEINER-OPTIK LRF 10X42 Laser Range Finder User Manual 2BDTF-ELRF

Manualsum, simplified manuals

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STEINER eRANGER LRF 10X42 USER MANUAL

STEINER CONNECT APP 2.0

With the Steiner Connect App 2.0 you can manage settings and use the Impact Locator, which supports you in your search. To do this, connect your eRanger LRF to the Steiner Connect App 2.0 and follow the instructions in the app. Once your eRanger LRF is successfully connected to the app, the settings can be adjusted to suit your needs.

The Impact Locator (search function) is activated in the Steiner Connect App 2.0 by clicking on one of the last 3 measurements. This will automatically open Google® maps and you can navigate to one of these measuring points.

You can find further explanatory videos on our YouTube channel “Steiner-Optik.”



STEINER CONNECT APP 2.0



PRESENTATION OF THE PRODUCT COMPONENTS



- A** Eyepiece with twist-up eyecups
- B** Power/measurement/scan button
- C** Menu button
- D** Battery compartment
- E** Focus wheel
- F** Diopter compensation

MAIN MENU OVERVIEW

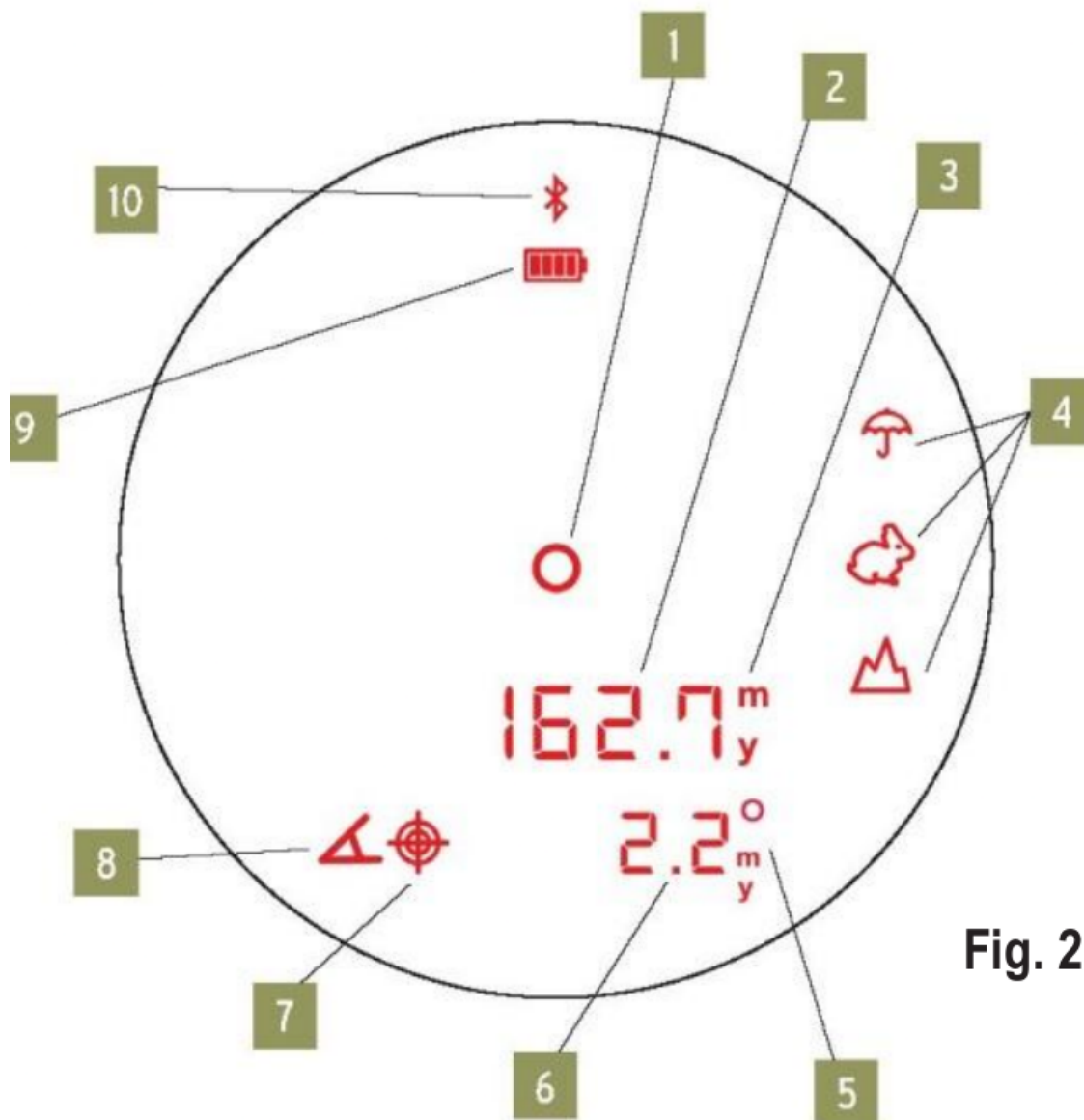
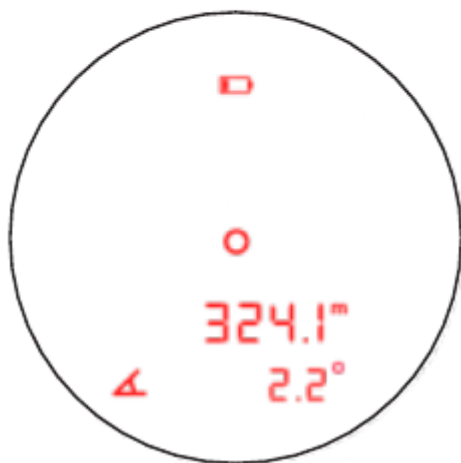


Fig. 2

1. Target mark
2. Distance display
3. Unit of measurement
4. Feature modes
5. Units of measurement angle / compass / Horizontal distance
6. Distance display angle or compass
7. Compass icon
8. Angle icon
9. Battery status indicator
10. Active Bluetooth® connection

BATTERY



Inserting and replacing the battery:

The laser rangefinder is powered by a CR 2 battery. To insert and replace the battery, unscrew the battery compartment D by turning it counterclockwise. Insert the battery with its positive contact first (according to the symbols in the battery compartment). Then screw the battery compartment tight again by turning it clockwise. To unscrew the battery compartment, use the Steiner tool included in the delivery.

Battery charge level:

A new battery is enough for more than 2500 measurements at the optimal temperature. Battery life can be significantly shorter or longer depending on the application conditions. Low temperatures and frequent use of the scan mode shorten battery life. If a battery symbol " " is displayed at the top of the field of view during operation in one of the modes, it means that the battery needs to be changed.

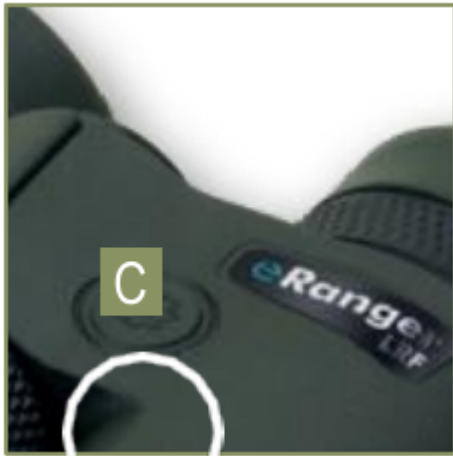
Attention: Cold reduces battery life. At low temperatures, the LRF should therefore be worn as close to the body as possible and used with a new/as-new battery.

LASER RANGEFINDER

These are carried out using an eye-safe, invisible laser pulse. The eRanger LRF can display the measured distance in meters or yards. When measuring, either "M" for meters or "Y" for yards is displayed next to the respective distance display.



You can change the setting using the menu button in the menu: If you press the button for a longer period of time (> 3 seconds), the menu opens in which you can change the measuring unit of the respective distance display. For further information, please see the menu overview on page 12.



MENU OVERVIEW

Standard mode:

No additional icons appear and you are not in any special mode. The distance can be measured or the scan mode can be activated.

Display brightness:

The brightness of the displays can be set in 6 different levels by pressing the down arrow button.

Accessing your saved measurements display:

You can view the last three measurements from the eRanger LRF's internal memory and switch between them. This feature allows you to quickly and easily retrieve previous measurement results.

Distance display angle / compass or horizontal distance:

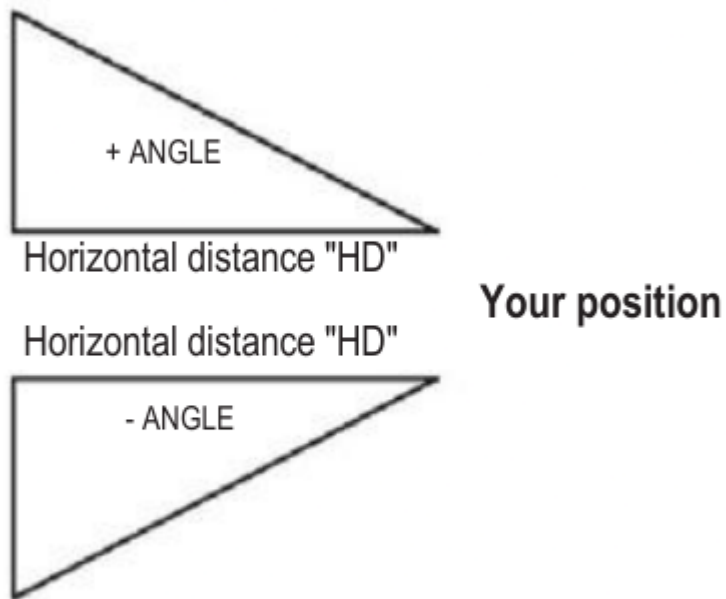
The display can be selected between angle (degrees), angle (meters) — in this setting the horizontal distance is displayed — and compass (degrees).

Customization of feature modes:

Priority of a closer object

If more than one target object is detected by the eRanger LRF, the distance of the closer object is shown on the display.

Line of sight



Line of sight

Priority of another object

This mode ignores objects, e.g. bushes, stones and branches, in the foreground. If more than one target object is detected by the eRanger LRF, the distance of the more distant object is shown on the display.

Allows measurement in extreme weather conditions, such as heavy rain.

Switching the Bluetooth® connection on/off:

You can turn the Bluetooth® connection on or off depending on your needs. Activate Bluetooth® to be able to connect to the eRanger 8 or the

Steiner Connect App 2.0.

Setting or selecting the scale unit or unit of measurement:

You can choose between meters and yards. The measurement result will then be shown on the display in the selected unit.

Compass unit adjustment:

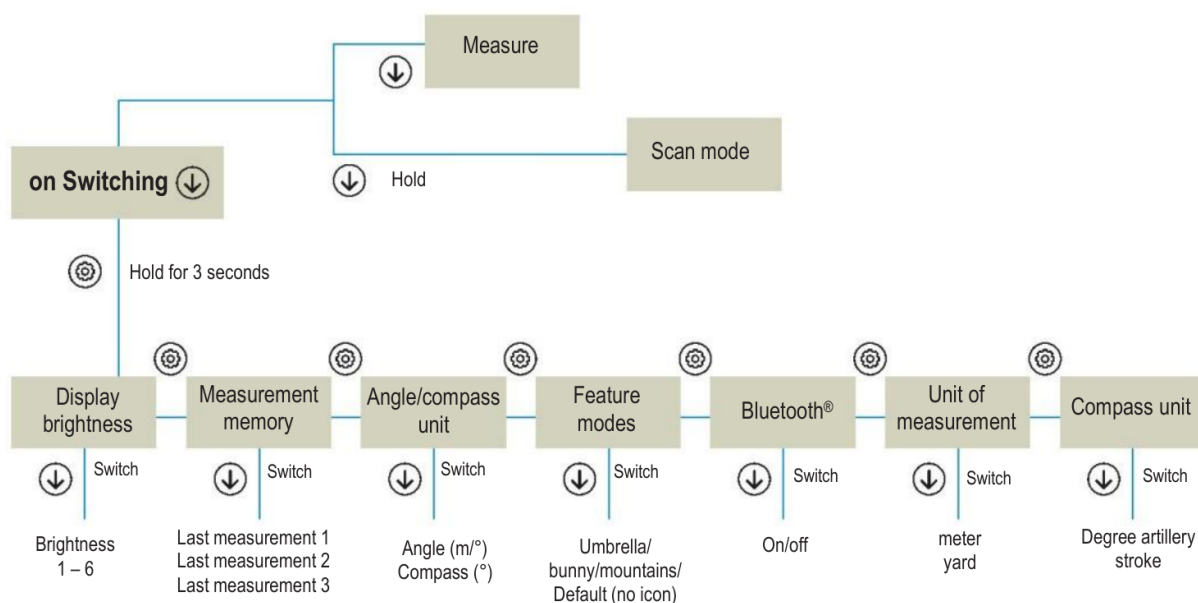
The unit for the compass display can be adjusted. You can choose between degrees or the artillery stroke depending on your preferences and requirements.

Battery indicator:

If “low battery icon” is displayed left in the field of view during one of the modes, means the battery needs to be changed.

MENU OVERVIEW

1. Switch on your eRanger LRF by pressing the power/measurement/scan button . You are now automatically in the mode you last used.
2. By pressing the menu button & you can navigate through the different modes.



Saving the setting in the menu:

To save your menu changes, you must press the Menu button again. Then hold the menu key pressed for 3 seconds to exit the menu.

Measuring range and measuring accuracy:

The measuring range of the eRanger LRF is between 15m / 16.5 yds and 3000 m / 3280.84 yds.

The measuring range depends on factors such as weather, visibility and reflection properties of the respective target:

Under optimal conditions, the following parameters apply:


1.0 m/yds to 300 m/328 yds,

2.0 m/yds to 600 m/656 yds,

0.5% over 600 m/656 yds

Range	Higher	Lower
Color of the object	White	Black
Color of the object	Perpendicular	Pointed
Object Size	Large	Small
Atmospheric Conditions	Clear	Hazy
Object Structure	e.g. house wall	e.g. bush, tree

The display shows “End” when:

- The distance is less than 15 meters (in feature mode  less than 30 m)
- The distance is over 3,000 meters
- The reflection properties are too low

IMPORTANT INFORMATION

WARNING!

These binoculars comply with the following regulations for laser class 1 M of the valid standards EN 60825-1 or IEC 60825-1 or FDA 21 CFR 1040.10 and 1040.11, with the exception of certain deviations in accordance with Laser Notice No. 50, dated June 24, 2007. The device is therefore classified as eye-safe and can be used accordingly. However, targeting people directly is not permitted.