

# eRANGER LRF 10X42



Operating instructions

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**STEINER**   
Nothing Escapes You



**We congratulate you on purchasing these STEINER binoculars!** Look forward to great moments. The accessories included in the scope of delivery can be used according to your wishes. Proper handling is the prerequisite for decades of enjoyment with this precision device. Please read the following pages before using it for the first time.



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## 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

### Illustration 1:

- 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

### Symbols in Figure 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

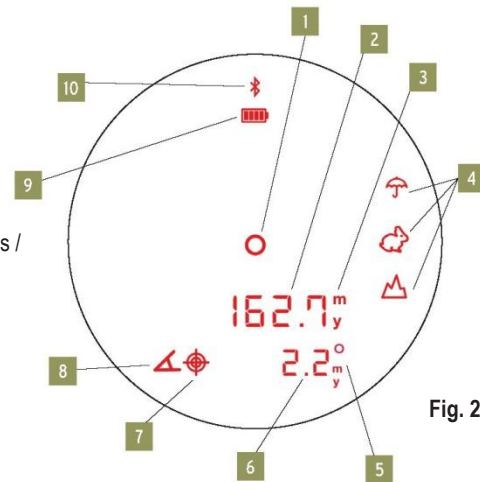


Fig. 2

## BATTERY

### Inserting and replacing the battery:

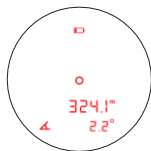
The laser rangefinder is powered by a CR 2 battery. To insert and replace the battery, unscrew the battery compartment **D** by turning it counterclockwise. Insert the battery with its positive contact first (according to the symbols in the battery compartment). Then screw the battery compartment tight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

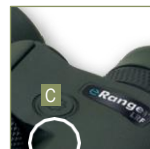
**Attention: Cold reduces battery life. At low temperatures, the LRF should therefore be worn as close to the body as possible and used with a new/as-new battery.**



## 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 "⬇️" 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.

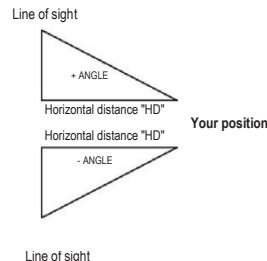
### Distance display angle / compass or horizontal distance:

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.



### 📍 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:

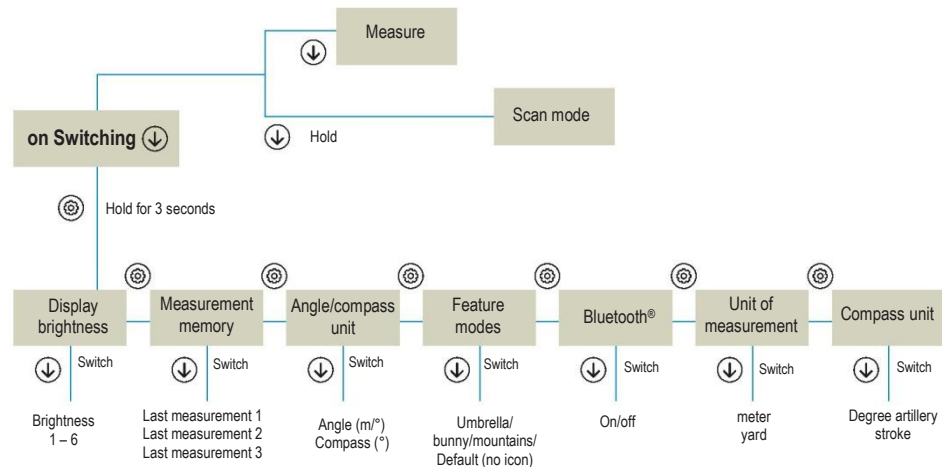
The unit for the compass display can be adjusted. You can choose between degrees or the artillery stroke depending on your preferences and requirements.

### Battery indicator:

If "🔋" 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 15 m / 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:

Color of the object:

**higher**

white

**lower**

black

Angle to 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 FDA21CFR 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.

### FCC Declaration of Conformity

Note: 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.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

### RF Exposure Statement

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.



## DISPOSAL OF ELECTRICAL AND ELECTRONIC DEVICES

(Applies to the EU and other European countries with separate collection systems)

### User information on the disposal of electrical and electronic equipment (private households)

This symbol on our products and/or accompanying documents means that used electrical and electronic products must not be mixed with unsorted municipal waste (ordinary household waste). For proper treatment, recovery and recycling, take these products to the appropriate collection points, where they will be received free of charge.

Before returning them to a collection point for old devices, please remove old batteries and accumulators and dispose of them separately from the old device at the appropriate collection points.

In some countries, it may also be possible to drop off these products at your local retailer when you buy a corresponding new product.

Proper disposal of this product is to protect the environment and prevent potential harmful effects on people and the environment that may result from improper handling of waste.

For more detailed information on the nearest collection point, contact your municipal administration. In accordance with state legislation, fines may be charged for improper disposal of this type of waste.

### For business customers in the European Union

Please contact your dealer or supplier if you would like to dispose of electrical and electronic devices. Your dealer or supplier will provide you with further information.

### Information on disposal in other countries outside the European Union

This symbol is only valid in the European Union. Please contact your local government or retailer if you would like to dispose of this product and ask for a disposal option.





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