

External Rangefinder User Manual



Dear users,

Before starting to operate the product, please read this manual carefully to ensure that you use it correctly and obtain accurate measurement results, while ensuring the safety of the equipment and extending the service life of the equipment! it correctly and obtain accurate measurement results, while ensuring the safety of the equipment and extending the service life of the equipment!



Class 3R Laser Product

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1. Attention

- The laser safety classifications of the ranging laser of this product is Class 1, and the indicating laser is Class 3R. Please do not look directly at the laser!
- Do not keep the target within 5m to avoid damaging the instrument!
- Do not disassemble the corresponding parts of the product, non-standard operation will cause damage to the product and will invalidate the warranty!
- Keep the optical glass surface (laser, screen) clean!
- Do not measure the distance through glass or other translucent materials, prevent larger ranging errors!
- Extreme weather conditions such as rain, snow, fog, haze, and dust will affect the ranging performance!
- If you do not use the product for a long time, please remove the battery!
- Do not disassemble the device on your own.

2. Product Overview

External Rangefinder is a high-performance ranging product developed based on the 905nm laser independently developed by our company which belongs to Class 1 eye-safe products (laser pointer belongs to Class 3R).

The main functions include: single-point ranging, continuous ranging, ballistic calculation, laser indication, temperature, humidity and pressure measurement, OLED display, battery indicator, Bluetooth transmission, APP interconnection, and interconnection with Kestrel anemometer. Mainly used for outdoor use by hunters and surveyors, it is small in size, lightweight.

3. Legal & Regulatory Information

3.1 FCC ID & Electronic Label Instructions

The FCC certification identifier (FCC ID) of this device is presented in the form of an electronic label, which complies with the requirements for electronic labels specified in FCC 47 CFR § 2.925. Please refer to the following methods to view the complete information:

Power on the device, go to **Settings** → **About Device** to check the full FCC ID and relevant certification details.

FCC ID of this device: 2BRXB-ERL-01

3.2 FCC Compliance Statement

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;
- (2) This device must accept any interference received, including interference that may cause undesired operation.

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

3.3 EMC Class Description

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.

3.4 Laser Label

Laser for inductive:

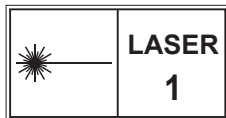
Wavelengths: 515–530nm, laser radiation: CW, <5mW



Complies with 21 CFR 1040.10 and 1040.11 except for conformance with IEC 60825-1 Ed. 3., as described in Laser Notice No. 56, dated May 8, 2019.

Laser for ranging:

Wavelengths: 895–915nm, laser radiation: tp=15ns, <79.15nJ



Laser for product:





Caution : use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

4. Inventory

SN	Name	Qty
1	External Rangefinder	1
2	Bluetooth remote control	1
3	Target Paper	1
4	T20 Torx key	1
5	Lens wiping cloth (12 × 12cm)	1
6	User Manual	1

