BRESSER 4025821

Bresser Range Pro 1300 Laser Rangefinder User Manual

Model: 4025821

1. Product Overview

The Bresser Range Pro 1300 is a versatile laser rangefinder designed for precise distance measurement in various outdoor activities such as golf, hunting, and archery. It offers a measurement range of 5 to 1100 meters and features a 6x magnification for clear viewing of distant objects. This device is equipped with multiple measurement modes to suit different needs, including standard ranging, flag lock, horizontal distance, vertical height, speed measurement, and a specialized fog mode for challenging weather conditions.



Image: The Bresser Range Pro 1300 Laser Rangefinder, showcasing its compact design and primary lens.



Image: Visual representation of the various functions available on the rangefinder's display, including standard ranging, flag lock, range-finder, horizontal distance measurement, vertical height measurement, and speed measurement.

2. Package Contents

Upon unboxing your Bresser Range Pro 1300, please ensure all the following components are present:

- Bresser Range Pro 1300 Laser Rangefinder
- CR2 Lithium Battery (1 included)
- Nylon Belt Bag
- Wrist Strap
- Lens Cleaning Cloth

3. Setup

3.1 Battery Installation

1. Locate the battery compartment on the device.
2. Open the battery compartment cover.
3. Insert the provided CR2 Lithium battery, ensuring the correct polarity (+/-) as indicated inside the compartment.
4. Close the battery compartment cover securely.

3.2 Initial Power On and Focus Adjustment

1. Press the Power/Measurement button to turn on the device.
2. Look through the eyepiece. If the display appears blurry, rotate the diopter adjustment ring on the eyepiece until the reticle and readings are sharp and clear.

4. Operating Modes

The Bresser Range Pro 1300 offers several modes to optimize measurement for different scenarios:

- **Standard Ranging Mode:** Measures the direct line-of-sight distance to a target.
- **Flag Lock Mode (Golf Mode):** Designed for golf, this mode helps to lock onto the flagstick, ignoring background objects, and often provides a vibration alert upon successful lock. It may also include golf distance correction based on slope.
- **Horizontal Distance Measurement:** Calculates the horizontal distance to the target, compensating for elevation changes.
- **Vertical Height Measurement:** Determines the vertical height of an object.
- **Speed Measurement:** Measures the speed of a moving object.
- **Fog Mode:** Improves measurement accuracy in adverse weather conditions such as rain or fog by filtering out interference.



Image: Illustration of the slope compensation feature, demonstrating how the rangefinder adjusts distance readings based on the angle of inclination for accurate golf shots.

5. Basic Operation

5.1 Taking a Measurement

1. Point the rangefinder at the desired target.
2. Press the Power/Measurement button once to activate the laser and display the distance. The measurement will appear on the internal display.

5.2 Switching Modes

1. With the device powered on, press the 'MODE' button (typically a green button on the side) to cycle through the available measurement modes.
2. Stop pressing the button when the desired mode is displayed.

6. Maintenance

6.1 Cleaning

To maintain optimal performance and clarity, regularly clean the lenses and the device body:

- Use the provided lens cleaning cloth to gently wipe the optical surfaces. Avoid using abrasive materials or harsh chemicals.
- For the device body, use a soft, damp cloth to wipe away dirt or smudges.

6.2 Storage

When not in use, store the rangefinder in a cool, dry place, away from direct sunlight and extreme temperatures. Utilize the provided nylon belt bag for protection against dust and minor impacts.

6.3 Water Resistance

The Bresser Range Pro 1300 is rated IPX4 water-resistant, meaning it is protected against splashing water from any direction. While it can withstand light rain or splashes, it is not designed for submersion in water.



Image: An icon indicating the IPX4 water resistance rating, highlighting the device's ability to withstand splashes.

7. Troubleshooting

If you encounter issues with your Bresser Range Pro 1300, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Device does not power on.	Battery is dead or incorrectly installed.	Check battery polarity or replace with a new CR2 Lithium battery.
Inaccurate distance readings.	Lens is dirty; target is too small/reflective; environmental interference (fog mode not active).	Clean lenses; ensure target is suitable; activate Fog Mode if applicable.

Problem	Possible Cause	Solution
Display is blurry.	Diopter not adjusted.	Rotate the diopter adjustment ring on the eyepiece until the display is clear.
Cannot lock onto target in Flag Lock mode.	Target is too far or too small; excessive background clutter.	Try moving closer to the target or using Standard Ranging Mode.

8. Specifications

Key technical specifications for the Bresser Range Pro 1300 Laser Rangefinder:

Feature	Specification
Measurement Range	5 - 1100 meters
Magnification	6x
Measurement Accuracy	±1 m (< 366 m), ±2 m (< 732 m), 0.5% (> 732 m)
Dimensions (L x W x H)	102 x 77 x 40 mm (approx. 10 x 7 x 14.5 cm)
Weight	180 grams
Battery Type	1 x CR2 Lithium (included)
Water Resistance	IPX4 (Splash-proof)
Material	Plastic
Color	Grey

9. Warranty Information

Bresser products are manufactured to high-quality standards. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official Bresser website. Keep your proof of purchase for any warranty claims.

10. Support

Should you require further assistance or have questions not covered in this manual, please contact Bresser customer support. Contact details can typically be found on the official Bresser website or on the product packaging.

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