



PRO-VIEW SERIES

RANGE FINDER

USER MANUAL



DEAR VALUED CUSTOMER;

Thank you for purchasing the Bull Proof Pro-Series 1000 Laser Range Finder.

This manual will guide you through the setup and usage of your new Range Finder, ensuring you get the best experience and long-lasting performance.

For inquiries, please contact us using the following methods:



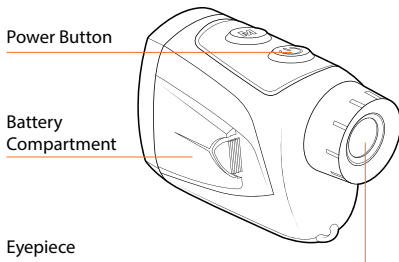
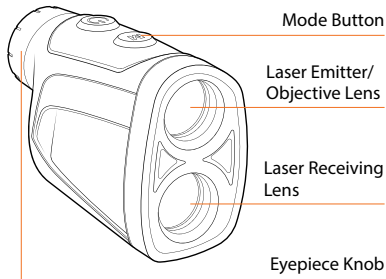
-  Email: sales@bullproof.com.au
-  Phone: (03) 9125 7069
-  Website: www.bullproof.com.au

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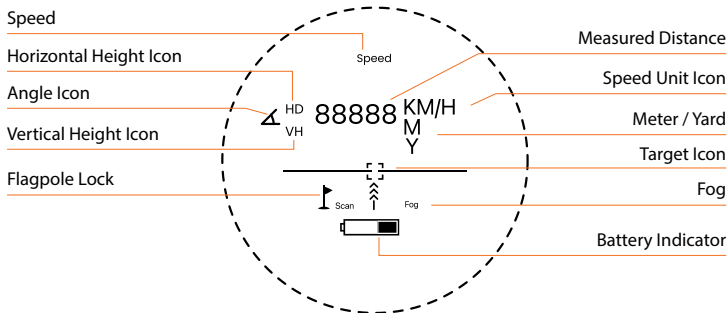
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1. PRODUCT OVERVIEW:

a. Device View:



b. LCD Display Description:



I 2. PACKAGE INCLUDES:

- Pro-View Series 1000 Laser Range Finder x 1
 - Soft carry pouch x 1
 - Battery x 1
 - Lens Cloth x 1
 - Hand Strap x 1
-

I 4. FEATURES:

- ✓ 5 - 1000m measurement range
- ✓ 20 - 300km/h speed detection
- ✓ 6x Magnification
- ✓ Battery Indicator
- ✓ Water Resistant
- ✓ Compact and Lightweight
- ✓ Easy Mode Switching with top buttons
- ✓ Roof Prism Design
- ✓ Fully Multi-Coated

I 5. SPECIFICATIONS:

Magnification:	6x
Accuracy (m):	± 1
Laser Wavelength:	905 nm (Class I Laser)
Field of view (at 1000m):	128m/384ft
Objective Lens Diameter:	25mm
Exit Pupil Diameter:	4.1mm
Coating:	Fully Multi-Coated
Dioptr Adjustment:	$\pm 4SD$
Operating Temperature:	-10 degrees ~ + 50 degrees (C)
Measuring Range of Speed:	20-300km/h
Dimension:	70x46x100mm
Battery:	CR2-3V

6. MODES OF THE RANGE FINDER:

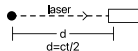
Note: This range finder offers eight versatile measurement modes: Range Mode, Flagpole Lock Mode, Speed Mode, Fog Mode, Scan Mode, Angle Measurement and Height Measurement.

Range Mode:

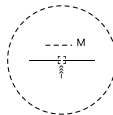
This mode allows the range finder to measure the distance to a target, covering a range from 5 meters to 1000 meters. It's ideal for determining how far an object is.

Note: When powered on, the range finder automatically defaults to Range Mode, allowing for immediate distance measurements.

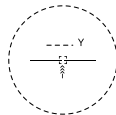
Ranging Principle



Picture 4



Picture 5

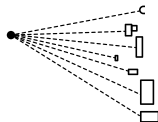


Picture 6

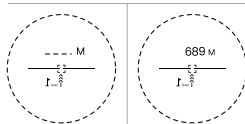
Flagpole Lock Mode:

In Flagpole Lock Mode, the range finder isolates the nearest point (the flagpole) from background elements, locking onto the flagpole's distance while ignoring any objects behind it. Follow these steps to successfully use the Flagpole Lock Mode:

1. Press the "Mode" button until the Flagpole Lock Mode is selected on the display.
2. Aim the range finder at the flagpole. Ensure that the flagpole is centered on the screen.
3. Press the "Power" button to initiate scanning. A flashing box will be visible in the centre of the screen (Picture 8).
4. When the range finder detects the flagpole, a box will appear around the flag symbol, and the centre box will disappear. This indicates that the distance to the flagpole has been locked (Picture 9).



Picture 7



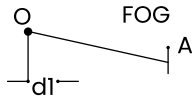
Picture 8

Picture 9

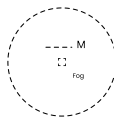
Fog Mode:

Fog Mode compensates for interference caused by fog, which can reflect the laser and distort distance measurements. To ensure accurate readings, Fog Mode manages this interference within close range (1-25 meters).

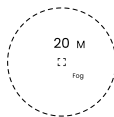
1. Press the "Mode" button until Fog Mode appears on the screen.
2. Press the "Power" button to start the measurement. The range finder will begin to calculate the distance while compensating for fog particles (Picture 11/12).



Picture 10 Principle



Picture 11

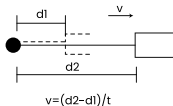


Picture 12

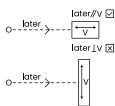
Speed Mode:

In this mode, the range finder calculates the speed of moving objects, such as vehicles or wildlife, within a range of 20 km/h to 300 km/h. This feature is especially useful for sports or tracking fast-moving targets.

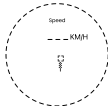
1. Press the "Mode" button repeatedly until the "Speed" mode screen appears on the display (as shown in Picture 15).
2. Hold the "Mode" button to select your preferred unit of speed measurement (e.g., km/h or mph).
3. Press and hold the "Power" button while tracking the moving target with the range finder. The device will calculate the speed based on the time and distance measured (as shown in Picture 14).
4. Release the "Power" button after following the target, and the speed will be displayed on the screen (Picture 16/17).



Picture 13 Principle



Picture 14



Picture 15



Picture 16

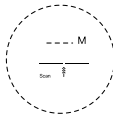


Picture 17

Scan Mode:

This mode enables continuous measurement of multiple distances as you move the device across different targets. It's useful for surveying areas or tracking objects at varying distances without the need to stop and reset.

1. Press the "Mode" button repeatedly until the "Scan" mode appears on the display (refer to Picture 18).
2. Once in "Scan" mode, press and hold the "Power" button.
3. While holding the "Power" button, slowly move the range finder to continuously measure the distance.
4. Release the "Power" button to get the final distance reading (see Picture 19).



Picture 18



Picture 19

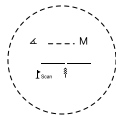
Angle Mode:

Measures the angle of inclination or declination between the user and the target, with a range of $\pm 90^\circ$. This is particularly useful in activities like hunting or hiking when you need to account for the elevation angle of a target.

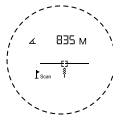
a. Vertical Measurement Mode:

In this mode, the range finder measures the angle of elevation or depression to an object. By knowing the distance to the base of the object and the angle, the device calculates the vertical height, making it ideal for measuring tall structures, such as buildings or trees. This mode is particularly useful for determining the height of an object without direct vertical access.

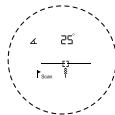
1. In the appropriate mode, press and hold the "Power" button and slowly move the range finder.
2. After releasing the "Power" button, the device will display the measured vertical angle (refer to Pictures 21 and 22).



Picture 20



Picture 21

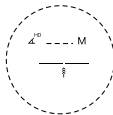


Picture 22

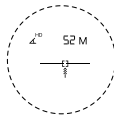
b. Horizontal Measurement Mode:

This mode calculates the horizontal distance to an object based on the angle of inclination or declination. By measuring the angle and the distance to the object, the range finder provides the horizontal distance from the user's position. This measurement is valuable for applications like surveying or landscaping, where understanding the distance across a flat plane is essential.

1. Press the "Mode" button repeatedly until the Horizontal Angle Measurement Mode appears on the screen (Picture 23).
2. Press and hold the "Power" button.
3. Slowly move the range finder to measure the distance continuously (Picture 24).
4. Release the "Power" button to get the vertical angle (Picture 25).



Picture 23



Picture 24

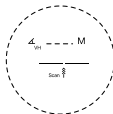


Picture 25

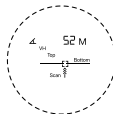
Height Measurement:

Measures the overall height of an object, determining the distance from its base to its highest point. This can be used for various objects such as trees, poles, or buildings.

1. Press the "Mode" button until the Height Measurement Mode appears on the screen (Picture 26).
2. Press and hold the "Power" button.
3. Slowly move the range finder to measure the distance continuously, and release the button to get the height (Picture 27/28).



Picture 26



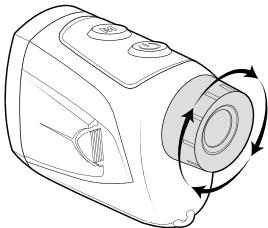
Picture 27



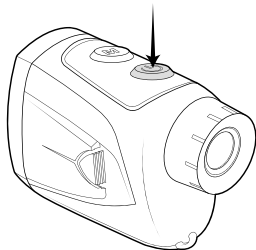
Picture 28

7. HOW TO USE:

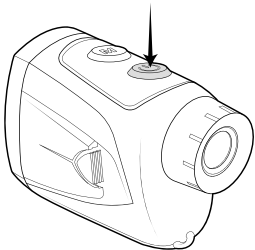
1. Adjust the eyepiece knob to focus on the target.



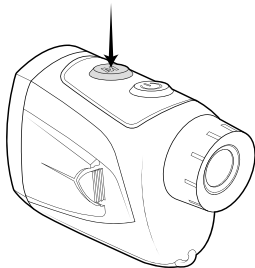
2. Activate the Laser by pressing the "Power" button, the default mode is "Ranging Mode".



3. Press and hold the "Power" button to measure distance or speed, depending on your selected mode.



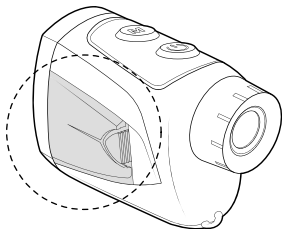
4. Press the "Mode" button briefly to select your desired mode. View the results through the display in the eyepiece.
5. Hold "Mode" to switch between Meters or Yards



8. BATTERY REPLACEMENT:

Note: To indicate that the battery is running low, a Low Battery Icon will appear on the screen. This icon alerts you that the battery power is insufficient for further use. When this icon appears, it's time to replace the battery to ensure optimal performance. Use a fresh CR2-3V battery for replacement.

1. Open the battery compartment located at the bottom of the device.
2. Remove the old battery and insert a new CR2-3V battery.
3. Ensure the battery is installed correctly, and close the compartment.



I 9. WARNINGS:

- Replace the battery when the low battery indicator is displayed to avoid measurement errors. If the device hasn't been used for an extended period, replace the battery before use.
- Use a soft lens cleaning cloth to gently remove any dust or dirt from the lens. Avoid using other materials that may damage the coating on the lens.
- Store the device in a dry, cool location, away from direct sunlight and dust. Avoid extreme temperatures and humidity.
- Prevent exposure to impacts, high heat, or corrosive substances. Keep the device in its protective case when not in use.
- For any repair or maintenance needs, contact Bull Proof. Do not disassemble the device yourself, as it may void the warranty and cause damage.
- Never look directly into the laser emission lens or objective lens when the device is powered on. Doing so may result in eye injury.
- Ensure the device is operated according to the manufacturer's instructions, including selecting appropriate modes and avoiding misuse that may harm the device or user.
- Use only recommended batteries. Avoid mixing old and new batteries, and always dispose of used batteries properly.

- The measurement range can be affected by weather conditions, the surface angle of the target, and the nature of the object. Ensure optimal conditions for accurate readings.
- Keep the range finder out of reach of children to prevent accidental injury or damage.
- For any repairs or maintenance, contact Bull Proof for assistance. Do not attempt to disassemble the device yourself.

10. WARRANTY:

This Limited Warranty applies to defects in materials and workmanship under normal use and maintenance for the Pro-View Series 1000 Laser Range Finder, valid for 3 years from the date of purchase.

What is Covered:

- | | |
|--|---|
| <ul style="list-style-type: none">• Any manufacturing defects that impact the product's performance during normal use.• Issues affecting the clarity and functionality of the lens, including problems with brightness settings and visual performance. | <ul style="list-style-type: none">• Defects related to the laser range finder's internal electronics, including measurement accuracy and button functions.• Defects in the CR2-3V battery and the functionality of the power and mode buttons. |
|--|---|

What is Not Covered:

- Damage caused by improper handling, dropping, or using the device in ways not recommended by the manufacturer.
- Any tampering or modifications made to the device that are not authorized by Bull Proof.
- Scratches, blemishes, or damage to the external housing and lens caused by regular usage.
- Any damage resulting from exposure to extreme environmental conditions beyond the product's specified limits, such as temperatures outside the operational range of -10°C to +50°C or submersion in water beyond its water-resistant rating.
- Damage caused by not following the proper care and maintenance instructions provided by the manufacturer.

