TIDEWE HGR001-LF7

TIDEWE Hunting Rangefinder Instruction Manual

Model: HGR001-LF7
Brand: TIDEWE

1. Introduction

This manual provides detailed instructions for the proper use and maintenance of your TIDEWE Hunting Rangefinder. Please read this manual thoroughly before operating the device to ensure optimal performance and longevity. This rangefinder is designed for accurate distance, angle, and speed measurements in various outdoor conditions.

2. What's in the Box

- TIDEWE Hunting Rangefinder (Model HGR001-LF7)
- Carrying Case (Leaf Camo pattern)
- USB-C Charging Cable
- Lanyard
- Operation Manual
- Cleaning Cloth

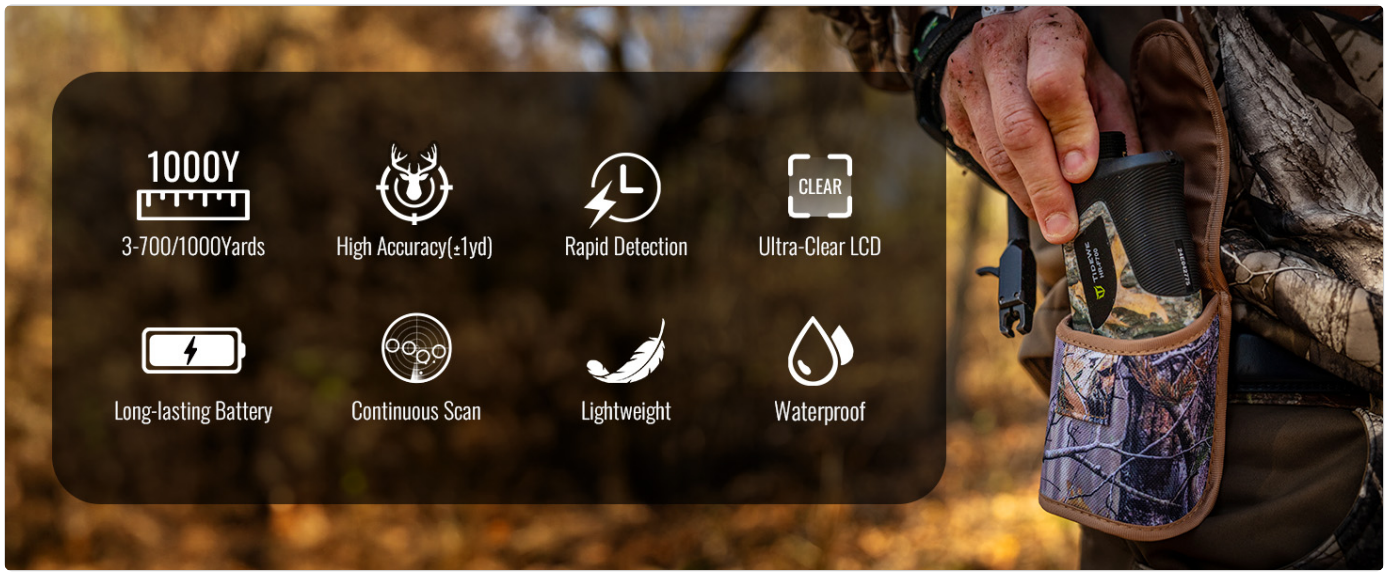


Figure 2.1: Included accessories with the TIDEWE Hunting Rangefinder.

3. Product Overview

The TIDEWE Hunting Rangefinder is a compact and durable device designed for outdoor use. It features a 6X magnification optical system and multiple measurement modes.

3.1 Key Components

- **Objective Lens:** Front lens for light intake.
- **Eyepiece:** For viewing the display and target.
- **Focus Adjustment Knob:** Located on the eyepiece, used to sharpen the image.
- **Power/Measure Button:** Activates the device and initiates measurements.
- **Mode Button:** Cycles through different measurement modes.
- **Lanyard Attachment Sockets:** Points for securing the lanyard.
- **USB-C Charging Port:** For recharging the internal battery.



Figure 3.1: Components of the TIDEWE Hunting Rangefinder, including the charging port and focus adjustment.

4. Setup

4.1 Charging the Battery

The rangefinder is equipped with a 750mAh rechargeable Li-ion battery. Before first use, or when the battery indicator is low, charge the device.

1. Locate the USB-C charging port on the side of the device.
2. Open the protective cover of the charging port.
3. Connect the provided USB-A to USB-C charging cable to the rangefinder and a compatible USB power source (e.g., computer USB port, wall adapter).
4. The charging indicator will show the charging status. A full charge allows for approximately 20,000 measurements.
5. Once fully charged, disconnect the cable and securely close the protective cover to maintain water resistance.



Figure 4.1: The USB-C charging port for convenient recharging.

4.2 Attaching the Lanyard

To prevent accidental drops, attach the included lanyard to the rangefinder.

1. Locate the lanyard attachment sockets on the device.
2. Thread the thin loop of the lanyard through the socket.
3. Pass the larger end of the lanyard through the loop you just created and pull it tight to secure.

5. Operating Instructions

5.1 Powering On/Off

- **To Power On:** Short press the Power/Measure button. The display will activate.
- **To Power Off:** The device will automatically turn off after 20 seconds of inactivity to conserve battery.

5.2 Focusing the View

Adjust the focus to ensure a clear view of the target and the display readings.

- Turn the Focus Adjustment Knob on the eyepiece clockwise or counter-clockwise until the image and display appear sharp and clear.



Figure 5.1: The clear display with 6X magnification for precise targeting.

5.3 Changing Measurement Units

The rangefinder can display measurements in Meters (M) or Yards (Y).

- While the device is powered on, **long press** the Mode button to switch between Meters and Yards.

6. Modes of Operation

The TIDEWE Hunting Rangefinder offers multiple modes for various measurement needs. Short press the Mode button to cycle through the available modes.



Figure 6.1: Visual representation of the integrated functions and measurement modes.

6.1 Single Measurement Mode

This is the default mode for measuring the straight-line distance to a stationary target.

- Aim the crosshairs at your target.
- Short press the Power/Measure button. The distance will be displayed almost instantaneously.

6.2 Scan Mode

Allows for continuous scanning of multiple targets or a moving target, providing real-time distance updates.

- While in single measurement mode, **long press** the Power/Measure button.
- Pan the rangefinder across the desired area or follow a moving target. The display will continuously update with distances.

6.3 Angle Measurement Mode

Measures the angle of inclination or declination to the target, useful for calculating adjusted distances in hilly terrain.

- Short press the Mode button until the angle icon appears on the display.

- Aim and measure as in single measurement mode. The angle will be displayed along with the distance.

6.4 Speed Measurement Mode

Measures the speed of a moving target.

- Short press the Mode button until the speed icon (e.g., KM/H or MPH) appears.
- Aim at the moving target and press the Power/Measure button. Follow the target as it moves. The speed will be displayed.

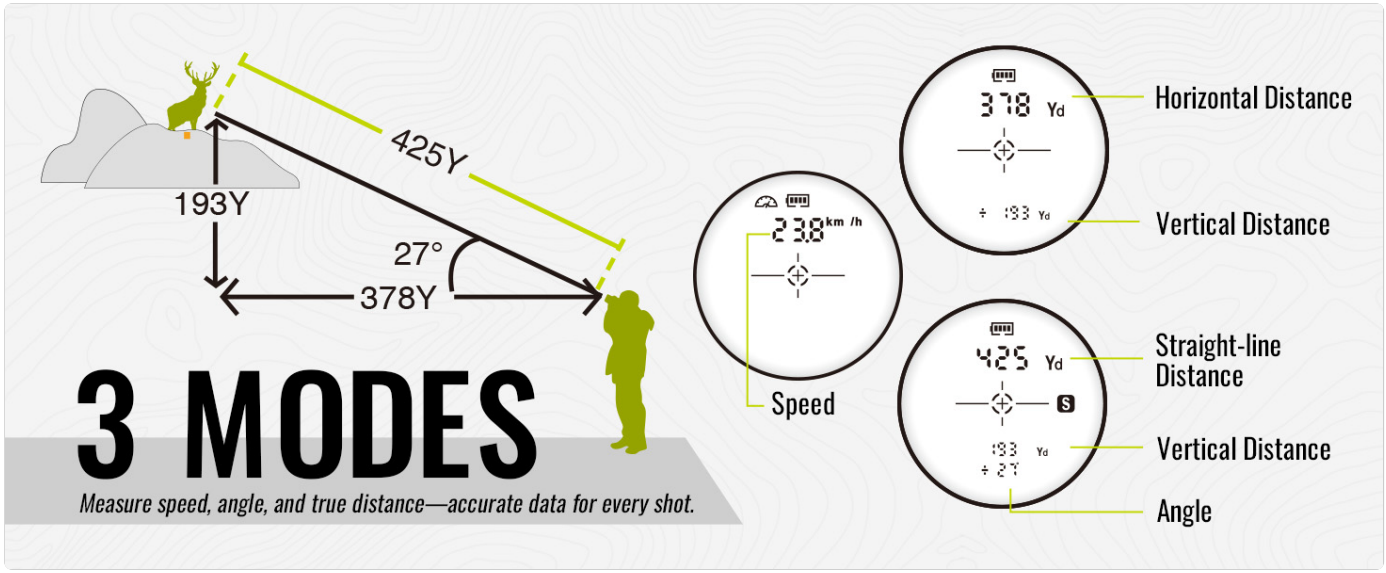


Figure 6.2: Illustration of the various measurement outputs including speed, horizontal distance, and angle.

7. Maintenance

7.1 Cleaning

- Use the provided cleaning cloth or a soft, lint-free cloth to gently wipe the lenses and the body of the rangefinder.
- Do not use abrasive materials, solvents, or harsh chemicals, as these may damage the optical coatings or the device's finish.
- For stubborn dirt, a small amount of lens cleaning fluid designed for optics can be applied to the cloth, not directly to the lens.

7.2 Storage

- Store the rangefinder in its protective carrying case when not in use.
- Keep the device in a cool, dry place, away from direct sunlight and extreme temperatures.
- Avoid storing in areas with high humidity to prevent condensation and potential damage to internal components.

7.3 Water Resistance

The rangefinder is designed to be waterproof (IP54 rated), capable of enduring harsh hunting conditions. However, it is not designed for submersion.

- Ensure the USB-C charging port cover is securely closed to maintain water resistance.
- If the device gets wet, wipe it dry with a clean cloth before storing.



Figure 7.1: The rangefinder's waterproof design ensures durability in various weather conditions.

8. Troubleshooting

Problem	Possible Cause	Solution
Device does not power on.	Low or depleted battery.	Charge the battery using the provided USB-C cable.
Inaccurate readings.	Unstable aiming; target too far or too close; environmental interference (fog, heavy rain).	Ensure stable aiming. Check if target is within the 3-700 yard range. Avoid using in extreme weather conditions.
Display is blurry.	Focus not adjusted correctly.	Rotate the Focus Adjustment Knob on the eyepiece until the display is clear.
Cannot switch modes.	Incorrect button press.	Ensure you are short pressing the Mode button to cycle through modes. Long press is for unit change.

9. Specifications

Feature	Specification
Brand	TIDEWE
Model Name	HGR001-LF7
Measuring Range	3-700 yards (for 700Y model)
Magnification	6X
Measurement Accuracy	+/- 1 yard
Measuring Speed	<0.5s
Battery Type	750mAh Rechargeable Li-ion
Battery Life (Full Charge)	Approx. 20,000 measurements
Water Resistance Level	IP54 (Waterproof)
Material	Plastic
Item Weight	5.6 ounces
Product Dimensions (LxWxH)	4.12" x 2.61" x 1.50"

10. Warranty and Support

TIDEWE products are designed for durability and performance. For specific warranty information and customer support, please refer to the warranty card included in your product packaging or visit the official TIDEWE website. You can also contact TIDEWE customer service for assistance with product inquiries, troubleshooting, or replacement parts.

TIDEWE Official Store: Visit the TIDEWE Store on Amazon

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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