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MiLESEEY PF2H

MiLESEEY PF2H Laser Rangefinder User Manual

Model: PF2H

Introduction
Safety Information
Package Contents
Product Overview
Setup
Operation
Maintenance
Troubleshooting
Specifications
Warranty & Support

1. Introduction

Thank you for choosing the MiLESEEY PF2H Laser Rangefinder. This device is designed for precise distance measurement, angle compensation, and speed detection, making it ideal for hunting, golf, and various outdoor activities. Featuring a built-in rechargeable lithium battery and multiple measurement modes, the PF2H offers reliable performance and ease of use. Please read this manual thoroughly before operating the device to ensure proper use and to maximize its lifespan.

2. Safety Information

WARNING: LASER RADIATION
This device uses a Class 1 laser product (905nm). Do not stare directly into the laser beam or view directly with optical instruments. Direct exposure to the laser beam may cause eye damage.

- Do not disassemble, modify, or repair the device yourself. This may cause damage and void the warranty.
- Keep the device away from water and extreme temperatures.

- Avoid dropping or subjecting the device to severe impact.
- Store the device in a dry, cool place when not in use.
- Keep out of reach of children.
- Use only the provided USB charging cable for recharging.

3. Package Contents

Please check the package contents upon opening to ensure all items are present and in good condition:

- 1x MiLESEEY PF2H Laser Rangefinder
- 1x Carrying Hardcase
- 1x Strap
- 1x Cleaning Cloth
- 1x USB Charging Cable
- 1x English User Manual (this document)



Image: Contents of the MiLESEEY PF2H package, including the rangefinder, hard case, strap, cleaning cloth, USB cable, and manual.

4. Product Overview

The MiLESEEY PF2H Laser Rangefinder is designed for ergonomic handling and clear optical performance. Familiarize yourself with the main components:



Image: Front view of the MiLESEEY PF2H Laser Rangefinder, showing the objective lens and laser emitter/receiver.

- **Objective Lens:** The front lens through which light enters the device.
- **Eyepiece/Diopter Adjustment:** Used to focus the internal display for clear viewing.
- **Power/Measure Button:** Activates the device and initiates measurements.
- **Mode Button:** Cycles through different measurement modes.
- **USB Charging Port:** For recharging the internal battery.
- **Battery Indicator:** Displays remaining battery life on the internal LCD.



Image: Close-up view of the MiLESEEY PF2H, highlighting the USB charging port and the textured grip.

5. Setup

5.1. Charging the Battery

The MiLESEEY PF2H comes with a built-in 1000mAh lithium-ion battery. Before first use, it is recommended to fully

charge the device.

1. Locate the USB charging port on the side of the rangefinder.
2. Connect the provided USB charging cable to the rangefinder and plug the other end into a standard USB power adapter (e.g., phone charger, computer USB port).
3. The battery indicator on the internal display will show charging status. A full charge typically takes a few hours.
4. Once fully charged, disconnect the cable. The device can last for more than 30 hours of continuous use or up to 30 days on a single charge with typical usage.

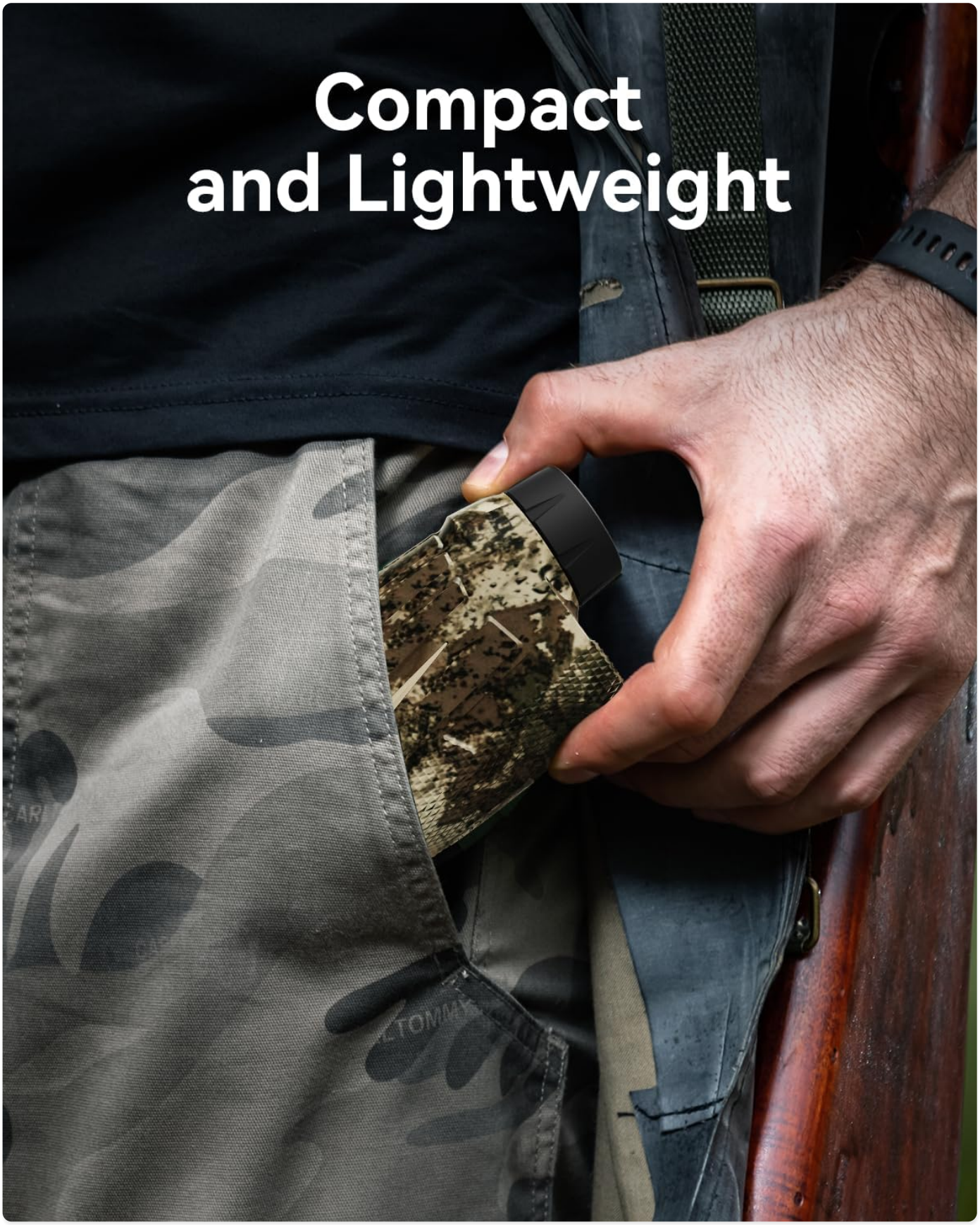


Image: The MiLESEEY PF2H rangefinder connected to a USB charging cable, illustrating the charging process.

5.2. Adjusting the Eyepiece

To ensure a clear view of the internal display and target, adjust the diopter:

1. Look through the eyepiece.
2. Rotate the diopter adjustment ring (usually located near the eyepiece) until the reticle and display numbers appear

sharp and clear to your eye.

6. Operation

6.1. Powering On/Off

- **To Power On:** Press the Power/Measure button briefly. The internal display will activate.
- **To Power Off:** The device will automatically shut down after 16 seconds of inactivity to conserve battery.

6.2. Changing Measurement Modes

Press the Mode button to cycle through the available measurement modes. The active mode will be indicated on the internal display.

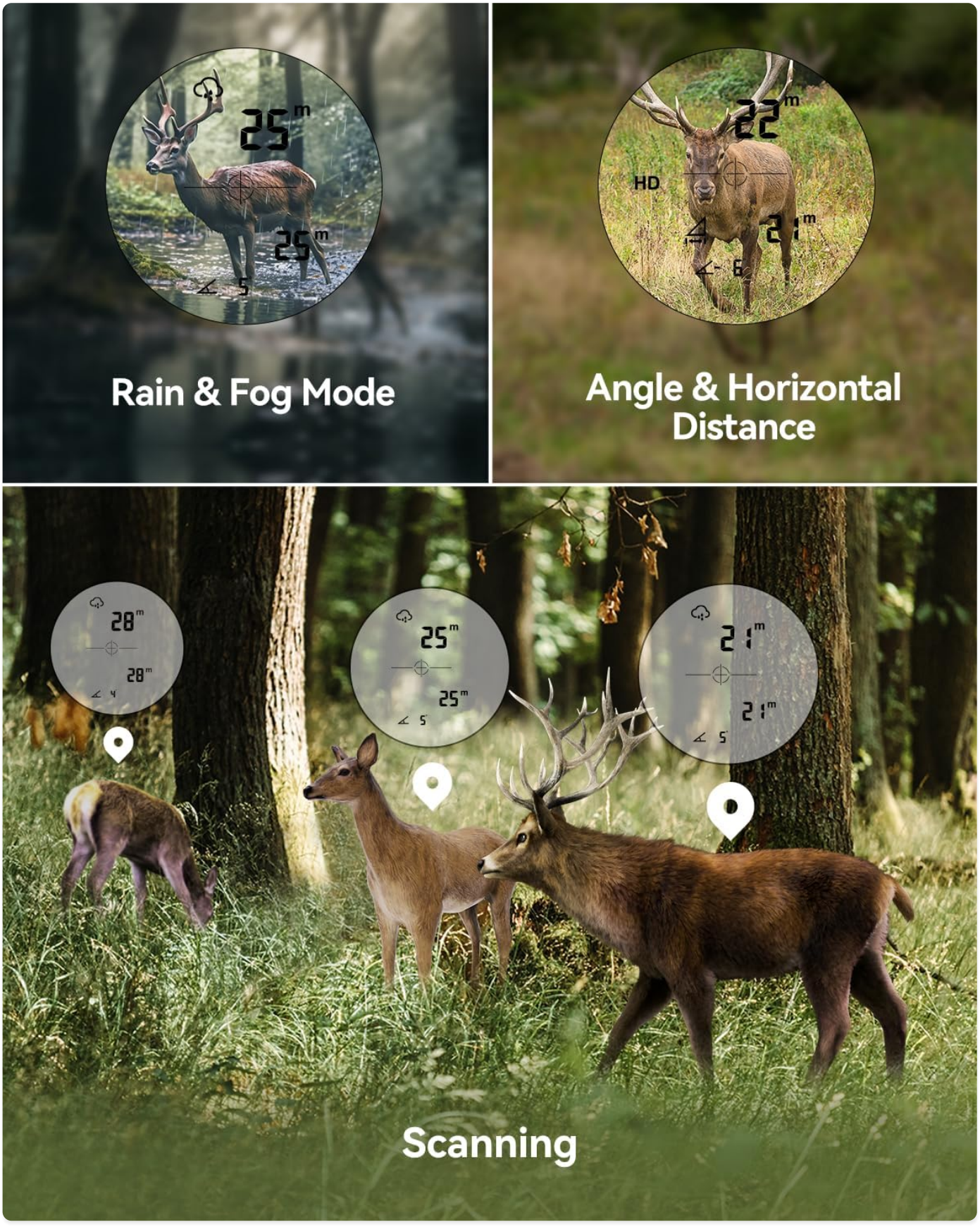


Image: A composite image showing the rangefinder's display in different modes: Rain & Fog Mode, Angle & Horizontal Distance, and Scanning mode.

6.3. Measurement Procedures

6.3.1. Single Measurement (Standard Mode)

1. Aim the crosshairs at your target.

2. Press the Power/Measure button once. The measured distance will appear on the display.

6.3.2. Scan Mode

Scan mode allows for continuous measurement of multiple targets or a moving target.

1. Activate Scan Mode using the Mode button.
2. Press and hold the Power/Measure button.
3. Pan the rangefinder across different targets or follow a moving target. The distance readings will update continuously.
4. Release the Power/Measure button to stop scanning.

6.3.3. Hunting Mode (Angle Compensation / BOW Mode)

This mode provides angle-corrected distance (horizontal distance) which is crucial for archery and hunting in varied terrain.

- Select Hunting Mode (often indicated as "BOW" or "HD" for Horizontal Distance).
- Measure your target. The display will show both the line-of-sight distance and the angle-compensated horizontal distance.

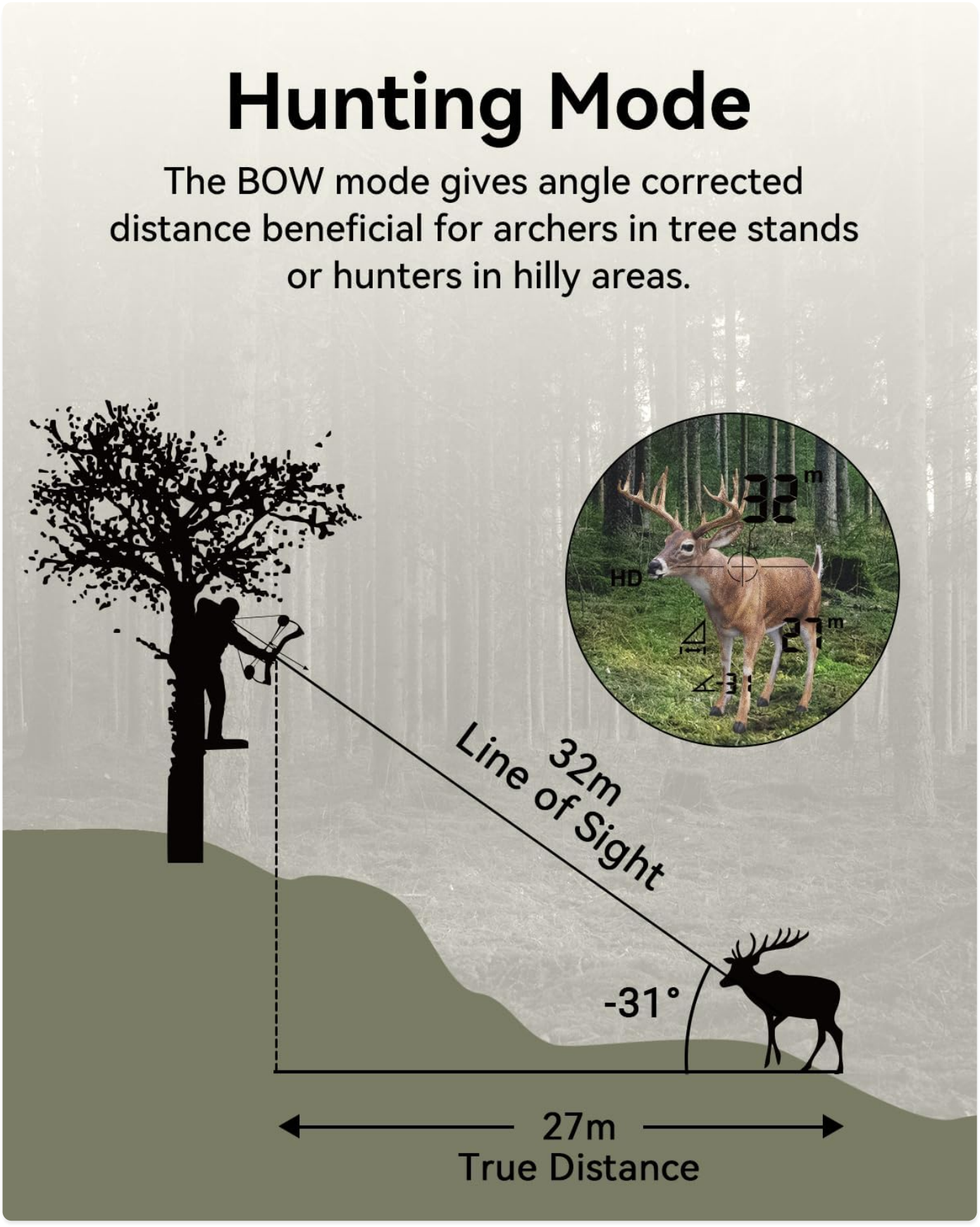


Image: A diagram illustrating the Hunting Mode (BOW mode), showing how the rangefinder calculates angle-corrected distance (True Distance) from the line of sight and angle.

6.3.4. Rain & Fog Mode

This mode is designed to provide more accurate readings in adverse weather conditions by prioritizing longer-range reflections and filtering out interference from raindrops or fog.

- Select Rain & Fog Mode.

- Proceed with measurement as usual. The device will apply an algorithm to provide the most reliable distance.

6.3.5. Speed Measurement Mode

The device can measure the speed of a moving object within its range.

- Select Speed Measurement Mode.
- Aim at the moving object and press the Power/Measure button. Keep the device steady on the object as it moves. The speed will be displayed.

6.3.6. Vertical Height Mode

This mode allows for measuring the vertical height of an object (e.g., a tree or building) by taking two measurements.

- Select Vertical Height Mode.
- Measure the distance to the base of the object.
- Then, measure the distance to the top of the object. The device will calculate and display the vertical height.

7. Maintenance

7.1. Cleaning

- Use the provided cleaning cloth to gently wipe the lenses and the body of the rangefinder.
- For stubborn smudges on lenses, use a lens cleaning solution specifically designed for optical instruments. Apply the solution to the cloth, not directly to the lens.
- Do not use abrasive cleaners, solvents, or harsh chemicals.

7.2. Storage

- Store the rangefinder in its protective hardcase when not in use.
- Keep it in a dry, cool place, away from direct sunlight and extreme temperatures.
- If storing for an extended period, ensure the battery is partially charged (around 50%) to prolong its lifespan. Avoid storing with a completely depleted or fully charged battery for long durations.

8. Troubleshooting

Problem	Possible Cause	Solution
Device does not power on.	Battery is depleted.	Charge the battery using the provided USB cable.
Inaccurate measurements.	Lens is dirty; Target is too small or reflective; Environmental interference (rain, fog, strong sunlight).	Clean the lenses. Aim at a larger, less reflective target. Use Rain & Fog mode if applicable. Ensure stable aiming.
Display is blurry.	Diopter not adjusted correctly.	Rotate the diopter adjustment ring until the display is clear.

Problem	Possible Cause	Solution
Cannot measure distant targets.	Beyond maximum range; Poor visibility; Target not reflective enough.	Ensure target is within specified range. Try measuring a larger or more reflective surface. Wait for better visibility.

9. Specifications

Feature	Detail
Model	PF2H
Measurement Range	5-800m (approx. 5.5-875 yards)
Accuracy	± 0.5yd
Magnification	6X
Laser Type	Class 1, 905nm
Field Angle	7 degrees
Speed Measuring Range	18 ~ 300 km/h
Battery Type	Built-in 1000mAh Lithium-Ion
Battery Life (Continuous Use)	> 30 hours
Auto Shut-off	16 seconds of inactivity
Dimensions	11 x 6.5 x 3.8 cm
Weight	200 Grams
Material	Plastic
Color	Green (camouflage pattern)

10. Warranty & Support

10.1. Warranty Information

The MiLESEEY PF2H Laser Rangefinder comes with a**1-year warranty** from the date of purchase. This warranty covers manufacturing defects and workmanship under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or improper maintenance.
Please retain your proof of purchase for warranty claims.

10.2. Customer Support

For any questions, technical assistance, or warranty claims, please contact MiLESEEY customer support through the following channels:

- **Email:** Refer to the contact information provided in your product packaging or on the official MiLESEEY website.
- **Online Support:** Visit the official MiLESEEY website for FAQs and support resources.

When contacting support, please have your product model (PF2H) and purchase details ready.

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