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MiLESEEY PF210H

MiLESEEY PF210H Laser Rangefinder User Manual

Model: PF210H | Brand: MiLESEEY

1. Introduction

Thank you for choosing the MiLESEEY PF210H Laser Rangefinder. This device is a high-precision optical instrument designed for accurate distance, speed, and angle measurements, making it an ideal companion for hunting, archery, golf, and other outdoor activities. This manual provides detailed instructions on how to use and maintain your rangefinder to ensure optimal performance and longevity.

Please read this manual carefully before using the device and keep it for future reference.

2. Safety Information

This device uses a Class 1 laser (905nm), which is safe under all conditions of normal use. However, please observe the following safety precautions:

- **Do not look directly into the laser aperture.**
- **Do not aim the device at the sun or other strong light sources.**This can cause permanent damage to your eyes and the device.
- Keep the device out of reach of children.
- Do not disassemble or modify the device. Unauthorized modifications can lead to laser radiation exposure and void the warranty.
- Use only the specified battery type (CR2).

3. Package Contents

Upon opening the package, please verify that all items listed below are present and in good condition:

- 1x MiLESEEY Laser Rangefinder (PF210H)
- 1x Carrying Case
- 1x CR2 Battery (replaceable)
- 1x Lanyard
- 1x Cleaning Cloth

- 1x User Manual (German, please refer to this English version for comprehensive instructions)



Image: MiLESEEY PF210H Laser Rangefinder, carrying case, battery, lanyard, cleaning cloth, and manual.

4. Product Overview

The MiLESEEY PF210H is a compact and lightweight device, designed for ease of use and portability. It features a durable plastic housing, making it suitable for various outdoor conditions.



Image: Front view of the MiLESEEY PF210H Laser Rangefinder, showing the objective lens and laser emitter/receiver.

Key Features:

- **6x Magnification:** Provides a clear and bright image of your target.
- **Multi-functional:** Measures distance, angle, horizontal distance, speed, and supports continuous scanning.
- **Rain and Fog Mode:** Optimized for adverse weather conditions.
- **Compact and Lightweight:** Easy to carry and handle during outdoor activities.



Image: Diagram showing the dimensions of the MiLESEEY PF210H Laser Rangefinder (11 cm length, 6.5 cm height, 3.8 cm width).

5. Setup

5.1 Battery Installation

The MiLESEEY PF210H uses one CR2 battery. A battery is included in the package.

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

5.2 Powering On/Off

- **To Power On:** Press the Power/Measurement button (usually the larger button on top). The display will illuminate.
- **To Power Off:** The device will automatically power off after a short period of inactivity (typically 5-10 seconds) to conserve battery life. There is no manual power-off button.

6. Operating Modes

The MiLESEEY PF210H offers multiple measurement modes. Use the Mode button (usually the smaller button on top) to cycle through the available modes.



Image: Visual representation of the rangefinder's capabilities, showing its use for measuring distances to various targets like deer, rabbits, birds, and even moving vehicles.

6.1 General Distance Measurement

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

1. Look through the eyepiece and aim the reticle at your target.
2. Press the Power/Measurement button once. The distance will be displayed on the internal LCD.

6.2 Hunting Mode (Angle Compensation & Horizontal Distance)

This mode is specifically designed for hunting and archery, providing both the line-of-sight distance and the angle-compensated horizontal distance, which is crucial for accurate shot placement on sloped terrain.

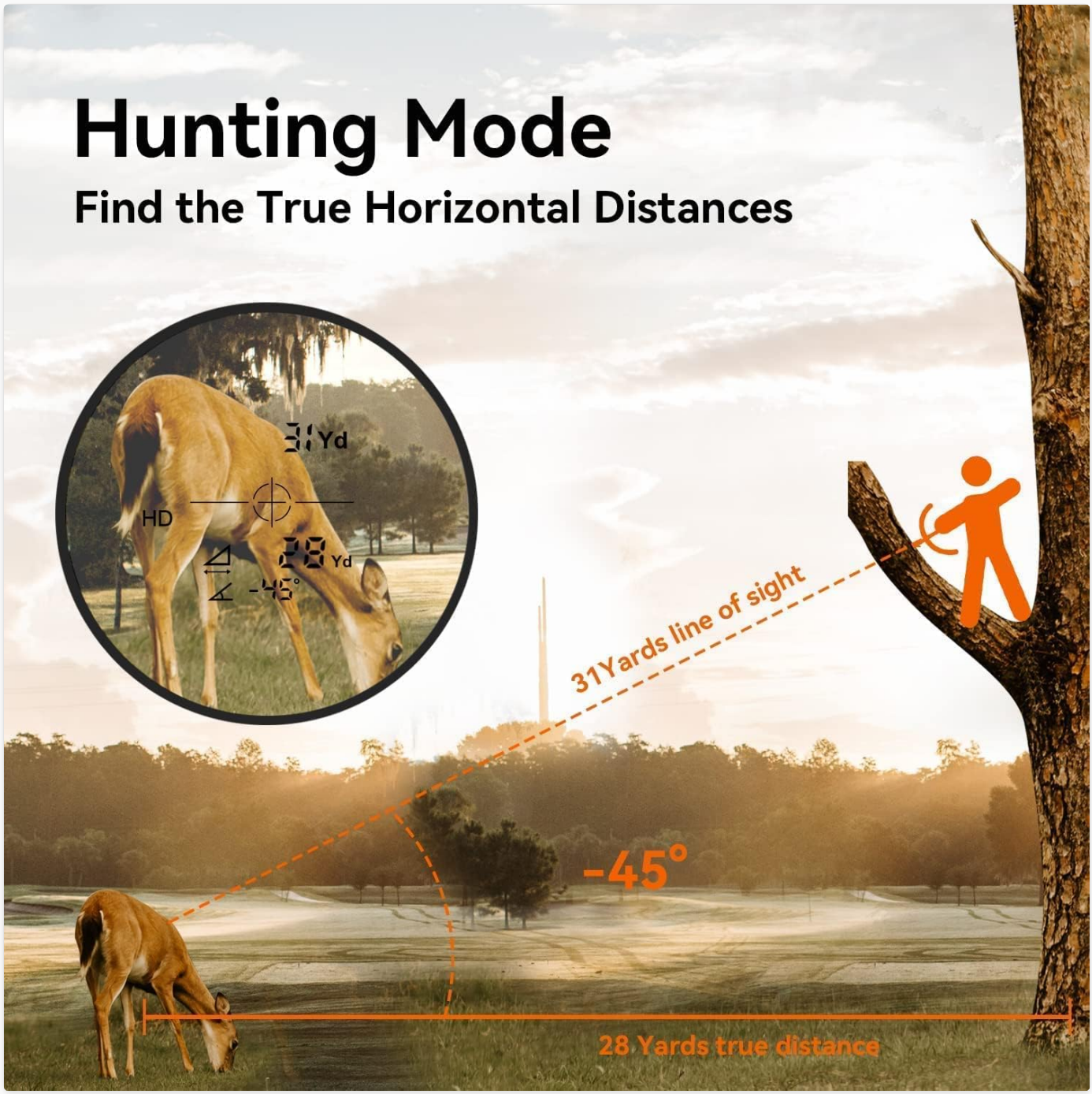


Image: The rangefinder's display in Hunting Mode, illustrating how it calculates the true horizontal distance by compensating for the angle of incline or decline to the target.

1. Cycle through modes using the Mode button until you reach Hunting Mode (often indicated by an 'HD' or an angle icon).
2. Aim at your target and press the Power/Measurement button. The display will show both the line-of-sight distance and the calculated horizontal distance.

6.3 Scan Measurement

The Scan function allows for continuous measurement of moving targets or to get distances to multiple objects across a landscape without repeatedly pressing the button.



Image: The rangefinder in scanning mode, demonstrating its ability to continuously track and measure distances to multiple moving targets or across a scene.

1. Select Scan Mode.
2. Press and hold the Power/Measurement button while sweeping the device across your desired area or tracking a moving target. The distance readings will update continuously.

6.4 Speed Measurement

This mode measures the speed of a moving object.

1. Select Speed Measurement Mode.
2. Aim at the moving target and press the Power/Measurement button. The speed will be displayed (range: 18 ~ 300 km/h).

6.5 Rain and Fog Mode

This mode is designed to provide more reliable measurements in adverse weather conditions like rain or fog by prioritizing

the farthest valid target, reducing interference from raindrops or fog particles.



Image: A person using the MiLESEEY PF210H Laser Rangefinder outdoors in light rain, demonstrating its water-resistant design and suitability for various weather conditions.

1. Select Rain and Fog Mode.
2. Proceed with measurement as usual. The device's algorithm will filter out closer obstructions caused by weather.

6.6 Unit Switching (Meters/Yards)

To switch between Meters (M) and Yards (Yds):

- Press and hold the Mode button for approximately 2 seconds. The unit displayed on the screen will change.

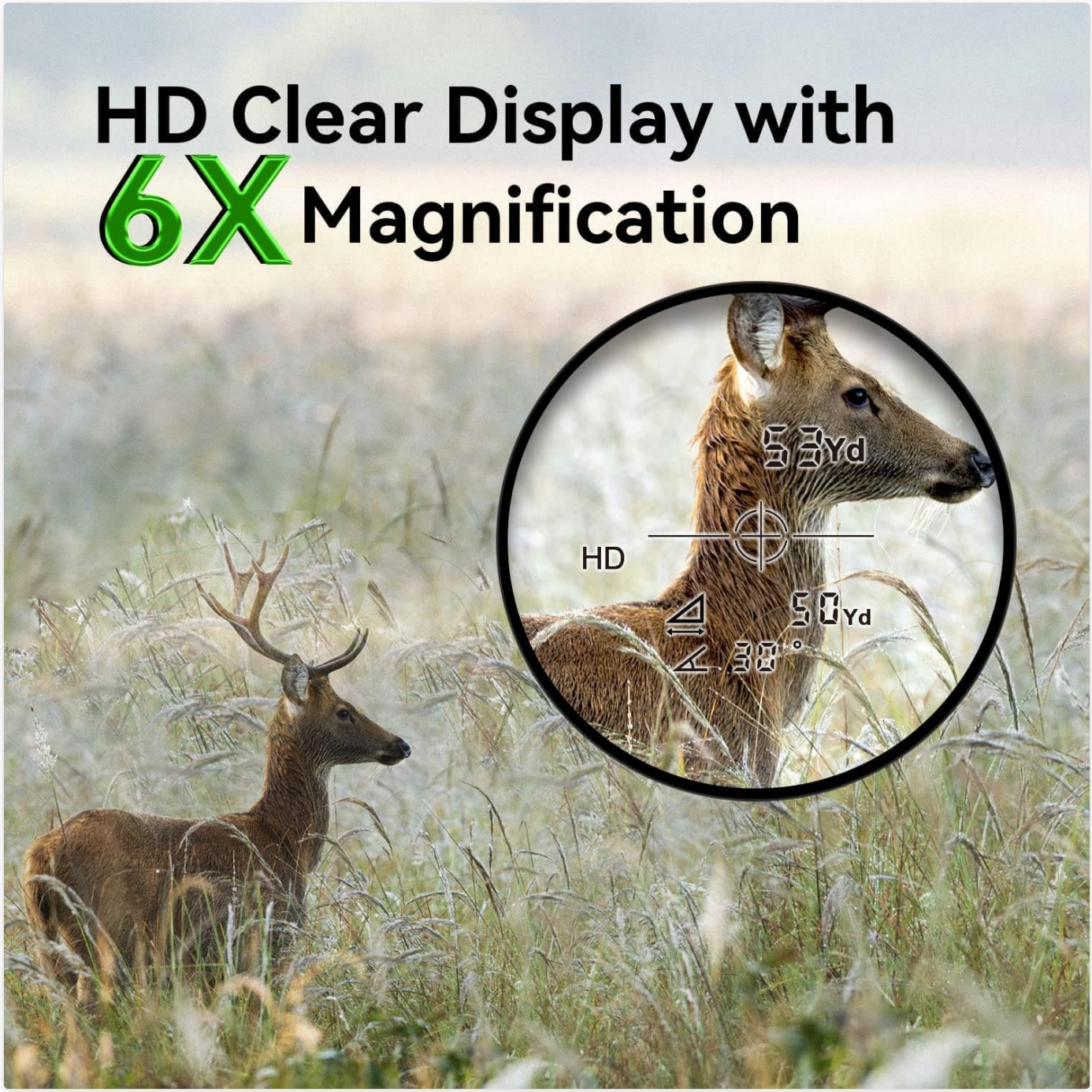


Image: A close-up view through the rangefinder's eyepiece, demonstrating the clear HD display with 6x magnification and showing distance and angle readings to a deer.

7. Maintenance

Proper care and maintenance will ensure the longevity and accuracy of your MiLESEEY PF210H Laser Rangefinder.

7.1 Cleaning

- **Lenses:** Use the provided cleaning cloth or a soft, lint-free cloth specifically designed for optical lenses. Gently wipe the lens surfaces to remove dust or smudges. Do not use abrasive materials or harsh chemicals.
- **Body:** Wipe the body of the device with a soft, damp cloth. Avoid using solvents or strong detergents.

7.2 Storage

- Store the device in its carrying case when not in use to protect it from dust, dirt, and physical damage.

- Store in a cool, dry place, away from direct sunlight and extreme temperatures.
- If storing for an extended period, remove the battery to prevent leakage.

7.3 Battery Replacement

When the battery indicator on the display shows low power, replace the CR2 battery as described in Section 5.1.

8. Troubleshooting

Problem	Possible Cause	Solution
Device does not power on.	Battery is dead or incorrectly installed.	Check battery polarity or replace with a new CR2 battery.
Inaccurate readings.	Lens is dirty; target is too small/reflective/far; environmental interference.	Clean lenses; ensure target is within range and clearly visible; use Rain/Fog mode if applicable.
Display is dim or flickering.	Low battery.	Replace the battery.
Cannot switch modes/units.	Button not pressed correctly or device frozen.	Ensure firm press; remove and reinsert battery to reset if necessary.

9. Specifications

Feature	Specification
Model Number	PF210H
Brand	MiLESEEY
Color	Black, Green
Material	Plastic
Magnification	6x
Field Angle	7 degrees
Distance Range	5-800 meters
Speed Measurement Range	18 ~ 300 km/h
Laser Type	905nm, Class 1 Laser
Battery Type	CR2 (1 required, 2 included)
Product Dimensions	11 x 6.5 x 3.8 cm
Weight	180 grams

10. Warranty and Support

10.1 Warranty

The MiLESEEY PF210H Laser Rangefinder comes with a**1-year warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. It does not cover damage caused by misuse, accidents, unauthorized repairs, or natural disasters.

10.2 Support

For technical support, warranty claims, or any questions regarding your MiLESEEY PF210H Laser Rangefinder, please contact the seller or MiLESEEY customer service through the platform where you purchased the product. Please have your purchase details and model number ready when contacting support.

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