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AOFAR HX-800I

AOFAR Hunting Range Finder HX-800I User Manual

Model: HX-800I | Brand: AOFAR

1. INTRODUCTION

This manual provides comprehensive instructions for the safe and effective use of your AOFAR Hunting Range Finder HX-800I. This device is designed for precise distance measurement in outdoor environments, particularly for hunting and archery applications. It features 6X magnification, waterproof construction, and multiple measurement modes.



Image 1.1: The AOFAR HX-800I Hunting Range Finder, showcasing its camouflage design and compact form factor.

2. PACKAGE CONTENTS

Upon opening the package, please verify that all the following items are included:

- AOFAR Hunting Range Finder HX-800I
- Cleaning cloth
- User manual
- CR2 battery (included)
- Carabiner
- Carrying pouch
- High-grade portable rope

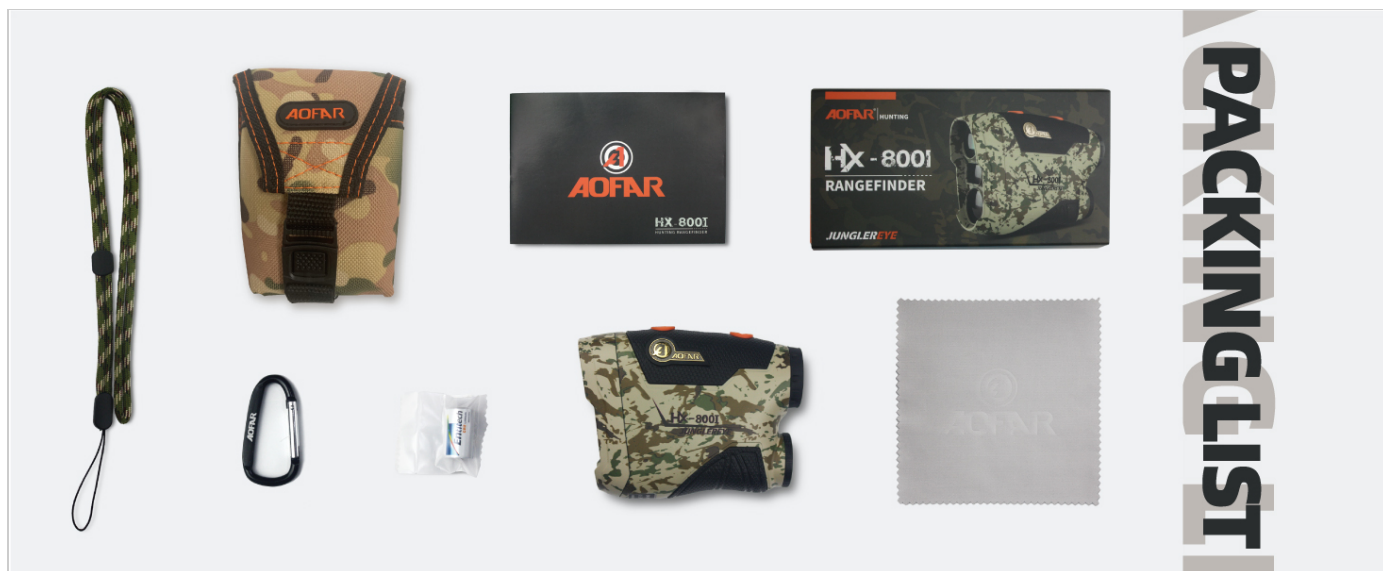


Image 2.1: A visual representation of all items included in the AOFAR HX-800I product package.

3. PRODUCT FEATURES

The AOFAR HX-800I Range Finder is equipped with advanced features for optimal performance:

- **Multiple Measurement Modes:** Includes Range, Scan, and Speed modes for versatile use in hunting, archery, and other measurements.
- **Mode Memory Function:** Retains the last used mode for convenience.
- **Accurate and Fast Reading:** Provides quick and precise distance measurements with a high degree of accuracy.
- **Lightweight and Ergonomic Design:** Compact (105x 75 x 25 mm) and light (135g) for easy portability and comfortable handling.
- **Advanced AI and Pinsensor Technology:** Ensures high accuracy of ± 1 yard up to 800 yards.
- **6X Magnification:** Offers clear and magnified views of targets.
- **Durable Construction:** Dust proof, waterproof, and moisture resistant for reliable outdoor use.
- **Unit Switching:** Easily switch between meters and yards.



INTEGRATED FUNCTIONS

ERGONOMIC DESIGN

Magnification:6X

Range:5-800yds

Accuracy:±1yard



Image 3.1: The ergonomic design of the range finder, highlighting its comfortable grip and key performance metrics.

4. SETUP

4.1 Battery Installation

The AOFAR HX-800I uses one CR2 battery. To install or replace the battery:

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.

Note: A CR2 battery is included with your purchase.

5. OPERATING INSTRUCTIONS

The AOFAR HX-800I features a simple two-button operation for ease of use.



TWO-BUTTON OPERATION

POWER BUTTON

Turn On
Measure Distance

MODE BUTTON

Units Switch
Modes Switch



Image 5.1: Overview of the two-button operation for the range finder.

5.1 Power On/Off and Basic Measurement

- To power on the device, press the **POWER** button.
- To measure distance in the current mode, aim at your target and press the **POWER** button again. The measurement will display on the LCD.
- The device will automatically power off after a period of inactivity to conserve battery.

5.2 Switching Units (Meters/Yards)

To switch between meters (M) and yards (Y):

- With the device powered on, press and hold the **MODE** button for approximately 3 seconds. The unit will toggle between M and Y.

5.3 Switching Measurement Modes

The device offers three primary measurement modes: Range, Continuous Scan, and Speed. To cycle through these modes:

- With the device powered on, short press the **MODE** button. Each press will cycle to the next mode.



Image 5.2: The three primary measurement modes available on the AOFAR HX-800I.

5.3.1 Range Mode

This is the standard mode for measuring the distance to a single stationary target.

- Select Range Mode using the **MODE** button.
- Aim the crosshairs at your desired target.
- Press the **POWER** button once. The distance will be displayed.
- *Note: The target must be more than 5 yards away for accurate measurement.*

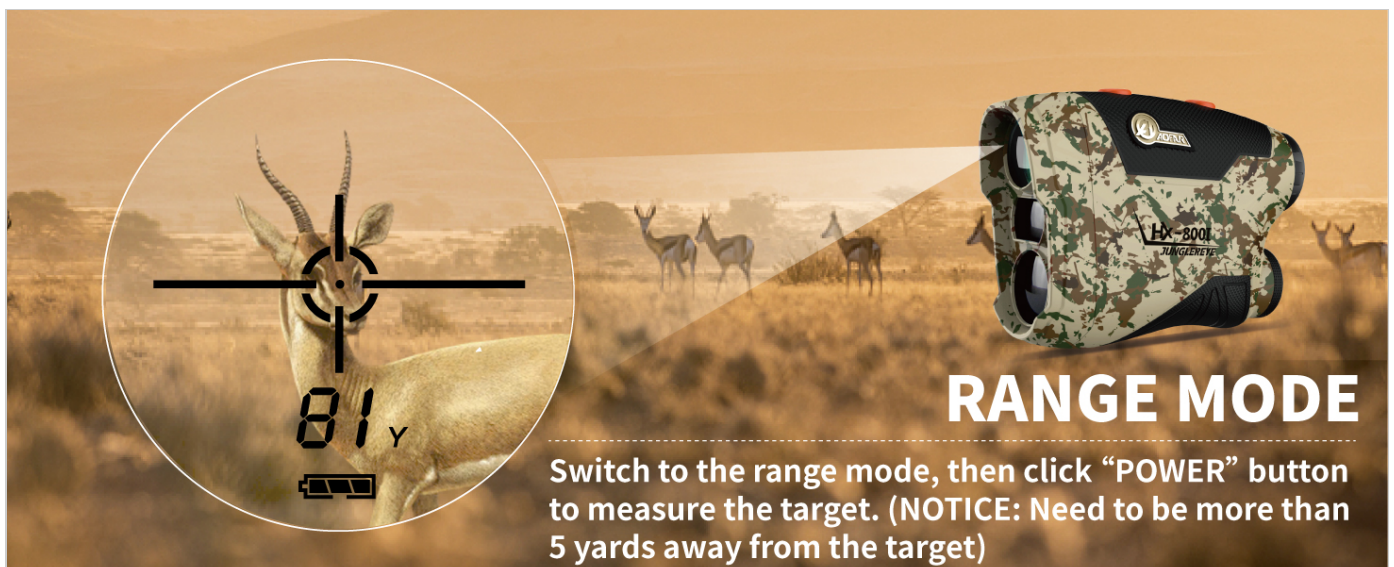


Image 5.3: Demonstrating the Range Mode, used for single-point distance measurement.

5.3.2 Continuous Scan Mode

This mode allows for continuous measurement of multiple targets or a moving target by scanning across an area.

- Select Continuous Scan Mode using the **MODE** button.
- Press and hold the **POWER** button.
- Slowly pan the range finder across different targets. The distance readings will update continuously on the display.

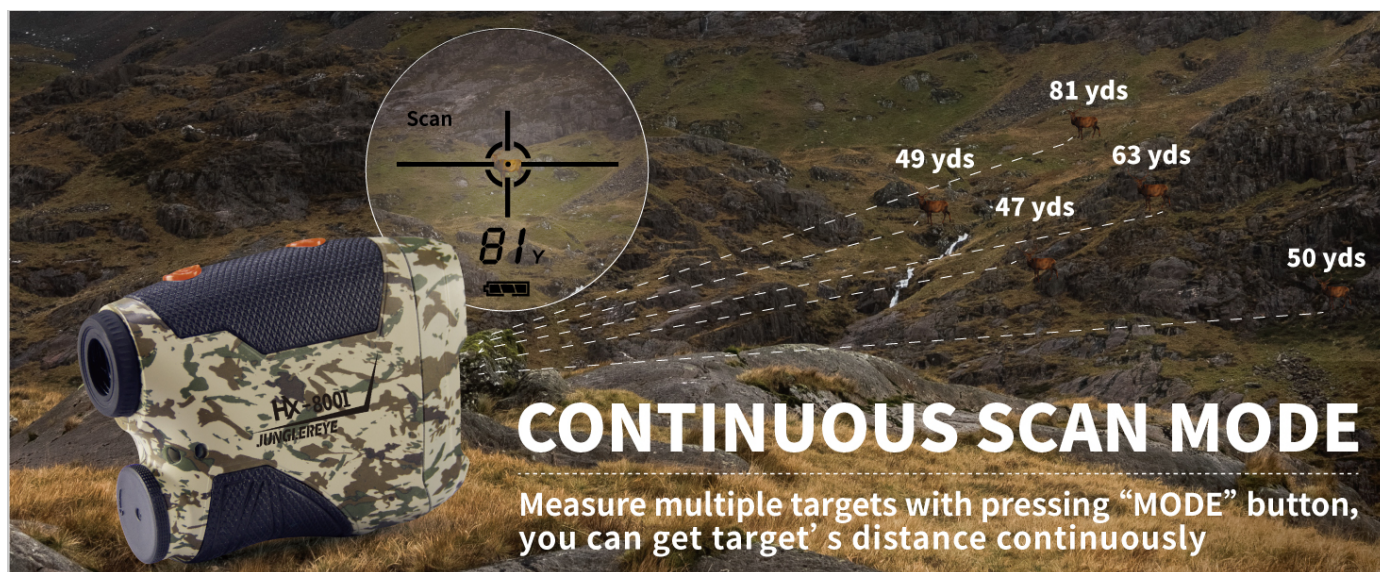


Image 5.4: The Continuous Scan Mode, useful for measuring distances to multiple objects or tracking moving targets.

5.3.3 Speed Mode

This mode measures the speed of a moving object.

- Select Speed Mode using the **MODE** button.
- Aim at the moving target.
- Single-click the **POWER** button. The speed of the target will be displayed in meters per second (m/s).

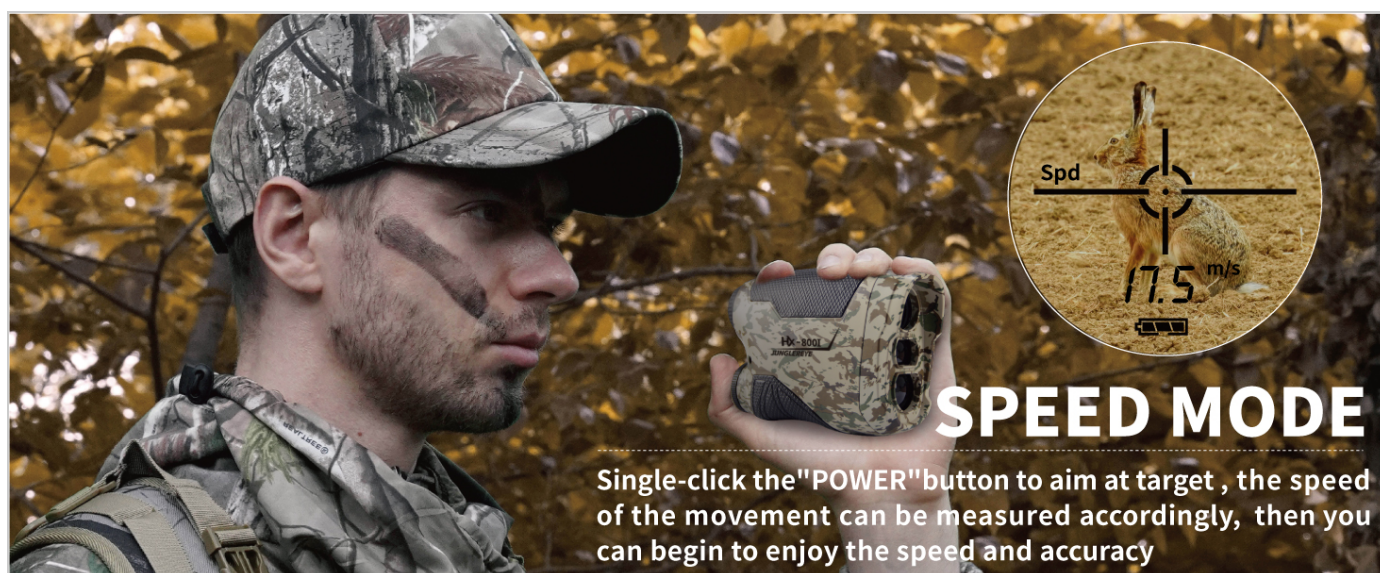


Image 5.5: Using Speed Mode to determine the velocity of a moving object.

6. MAINTENANCE

To ensure the longevity and optimal performance of your AOFAR HX-8001 Range Finder, follow these maintenance guidelines:

- **Cleaning:** Use the provided cleaning cloth to gently wipe the lenses and the body of the device. Avoid using abrasive materials or harsh chemicals.
- **Storage:** When not in use, store the range finder in its carrying pouch in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Battery:** If the device will not be used for an extended period, remove the battery to prevent leakage and potential damage.
- **Water Resistance:** While the device is waterproof, avoid prolonged submersion or exposure to high-pressure water jets. Dry thoroughly if it gets wet.
- **Handling:** Handle the device with care to prevent drops or impacts that could damage internal components.

7. TROUBLESHOOTING

If you encounter issues with your AOFAR HX-800I, please refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Device does not power on.	Battery is dead or incorrectly installed.	Replace the CR2 battery or ensure it is installed with correct polarity.
Inaccurate distance readings.	Target too close (less than 5 yards), lens is dirty, or environmental interference.	Ensure target is within range. Clean the lenses with the provided cloth. Avoid measuring through glass or in heavy fog/rain.
Display is dim or flickering.	Low battery.	Replace the CR2 battery.
Cannot switch modes or units.	Incorrect button press duration.	Ensure you are short-pressing for mode changes and long-pressing for unit changes as per instructions.

If the problem persists after attempting these solutions, please contact AOFAR customer support.

8. SPECIFICATIONS

Specification	Detail
Model Number	HX-800I
Measuring Range	5-800 yards
Accuracy	±1 yard
Magnification	6X
Product Dimensions	10.5 x 4.5 x 8.5 cm
Weight	131 g
Battery Type	1 x CR2 (included)
Material	Plastic
Water Resistance Level	Waterproof

Specification	Detail
Sport Application	Adventure, Archery, Bow, Shooting, Hunting

9. WARRANTY AND CUSTOMER SUPPORT

AOFAR is committed to providing excellent customer service and support for your product.

- **Warranty:** The AOFAR HX-800I comes with a two-year VIP warranty.
- **Return Policy:** A 30-day return policy is available.
- **Technical Support:** Lifetime customer support is provided, with a commitment to respond within 24 hours.

For any questions, concerns, or support needs, please contact us at:

Email: service@aofar.com



Image 9.1: AOFAR's commitment to customer support and warranty services.

