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› [AOFAR HX-1100V Rangefinder User Manual](#)

AOFAR HX-1100V

AOFAR HX-1100V Rangefinder User Manual

Model: HX-1100V | Brand: AOFAR

INTRODUCTION

The AOFAR HX-1100V Rangefinder is a high-precision optical instrument designed for accurate distance measurement in various outdoor activities, particularly hunting and archery. It incorporates advanced technology to provide fast and reliable readings, enhancing user precision and efficiency in the field. This manual provides detailed instructions for the proper setup, operation, maintenance, and troubleshooting of your HX-1100V Rangefinder.

SAFETY INFORMATION

- Laser Safety:** This device uses an invisible Class 1 laser. Do not stare directly into the laser transmitting lens or point it at others.
- Battery Handling:** Use only the specified CR2 battery. Ensure correct polarity when inserting. Do not mix old and new batteries or different types. Dispose of batteries responsibly.
- Environmental Conditions:** While the device is waterproof and dust resistant (IP54), avoid prolonged exposure to extreme temperatures or direct sunlight.
- Cleaning:** Use a soft, clean cloth for cleaning lenses. Avoid abrasive materials or harsh chemicals.
- Children:** Keep the device out of reach of children.

PACKAGE CONTENTS

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

- AOFAR HX-1100V Rangefinder
- Carrying Pouch
- CR2 Battery
- High-Grade Portable Rope (Lanyard)

- Carabiner
- Cleaning Cloth
- User Manual (this document)

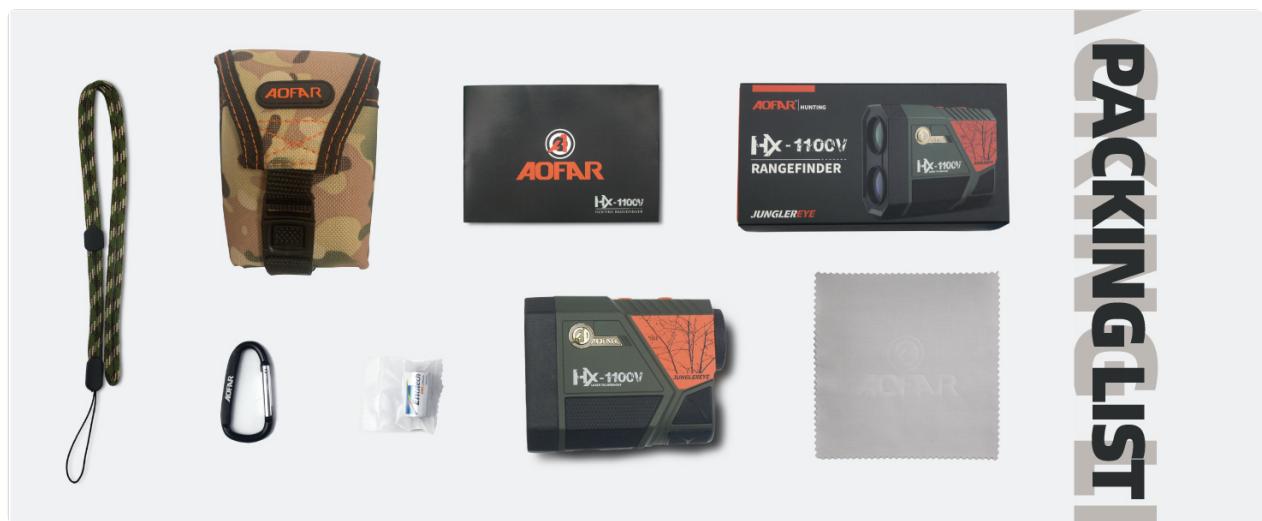


Figure 1: Included accessories with the AOFAR HX-1100V Rangefinder.

PRODUCT OVERVIEW

Familiarize yourself with the key components of the AOFAR HX-1100V Rangefinder:

POWERFUL DESIGN

- HIGH-TECH FUNCTIONS
- NON-SLIP SOFT TOUCH
- WILD APPEARANCE



Figure 2: Key components of the HX-1100V Rangefinder.

1. **Power Button:** Used to power on/off the device and initiate measurements.
2. **Modes & Units Switch Button:** Used to cycle through measurement modes and switch between yards (Y) and meters (M).
3. **Laser Transmitting Objective Lens:** Emits the laser beam for distance measurement.
4. **Laser Receiving Objective Lens:** Receives the reflected laser beam to calculate distance.
5. **Diopter Adjustment:** Rotatable eyepiece to adjust focus for individual vision.
6. **Battery Cap:** Cover for the battery compartment.

SETUP

1. Battery Installation

The AOFAR HX-1100V Rangefinder uses one CR2 battery. Follow these steps to install the battery:

1. Locate the battery cap (06 in Figure 2) on the side or bottom of the rangefinder.
2. Rotate the battery cap counter-clockwise to open the compartment.
3. Insert the CR2 battery, ensuring the positive (+) and negative (-) terminals align with the indicators inside.

the compartment.

4. Replace the battery cap and rotate it clockwise until it is securely closed.

2. Diopter Adjustment

Adjust the diopter to ensure a clear view through the eyepiece:

1. Look through the eyepiece (Diopter Adjustment, 05 in Figure 2).
2. Rotate the diopter adjustment ring until the internal display and target appear sharp and clear.

OPERATING INSTRUCTIONS

Power On/Off

- To power on: Press the Power Button (01 in Figure 2) once. The display will activate.
- To power off: The device will automatically power off after a period of inactivity to conserve battery.

Changing Measurement Units (Yards/Meters)

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

- With the device powered on, press and hold the "MODE" button (02 in Figure 2) for 3 seconds. The unit displayed will change.

Selecting Measurement Modes

The HX-1100V features three primary measurement modes: Range, Speed, and Continuous Scan. To switch between modes:

- With the device powered on, single-press the "MODE" button (02 in Figure 2) to cycle through the available modes.

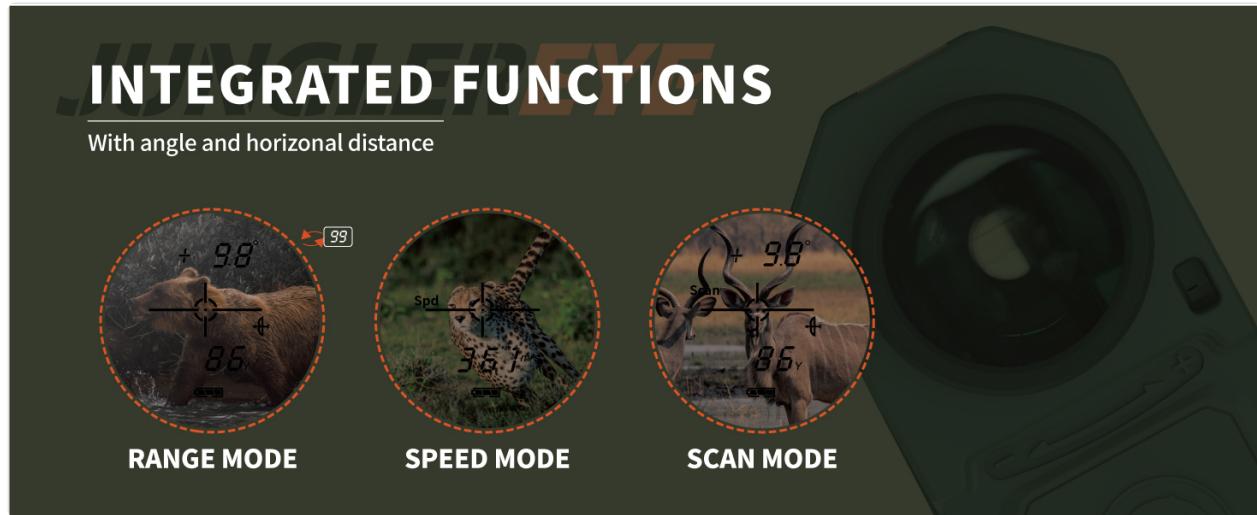


Figure 3: Range, Speed, and Scan Modes.

1. Range Mode (Hunting Mode)

This mode provides accurate straight-line distance, angle, and horizontal distance to the target. It is ideal for bow hunting where angle compensation is crucial.

- Select Range Mode using the "MODE" button.
- Aim the crosshairs at your target.
- Press the Power Button (01 in Figure 2) once. The display will show the straight-line distance, angle, and compensated horizontal distance.



HUNTING MODE

WITH ANGLE AND HORIZONTAL DISTANCE



Figure 4: Range Mode display with angle and horizontal distance.

2. Speed Mode

This mode measures the speed of a moving target.

- Select Speed Mode using the "MODE" button.
- Aim at the moving target.
- Press and hold the Power Button (01 in Figure 2) while tracking the target. The speed will be displayed.

3. Continuous Scan Mode

This mode allows for continuous measurement as you pan across multiple targets or track a moving target, providing real-time distance updates.

- Select Scan Mode using the "MODE" button.
- Press and hold the Power Button (01 in Figure 2) and slowly pan the rangefinder across the desired area or target. The distance will continuously update on the display.

MAINTENANCE

Cleaning

- **Lenses:** Gently wipe the lenses with the provided cleaning cloth or a soft, lint-free cloth. For stubborn smudges, a small amount of lens cleaning solution designed for optics can be used. Avoid touching the lenses with fingers.
- **Body:** Wipe the body of the rangefinder with a soft, damp cloth. Do not use harsh detergents or solvents.

Storage

- When not in use for extended periods, remove the battery to prevent leakage and damage to the device.
- Store the rangefinder in its carrying pouch in a cool, dry place, away from direct sunlight and extreme temperatures.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not power on.	Battery is dead or incorrectly installed.	Replace the battery with a new CR2 battery, ensuring correct polarity.
Inaccurate readings.	Lens is dirty; target is too close/far; unstable aiming; environmental interference (fog, heavy rain).	Clean the lenses. Ensure target is within 5-1100 yards. Hold the device steady. Avoid use in severe weather conditions.
Display is blurry.	Diopter not adjusted correctly.	Rotate the diopter adjustment ring until the display is clear.
Cannot switch modes/units.	Button not pressed correctly or device malfunction.	Ensure a firm press on the "MODE" button. If issue persists, try replacing battery or contact customer support.

SPECIFICATIONS

Feature	Detail
Model Name	HX-1100V
Measuring Range	5-1100 yards
Magnification	6x
Measurement Accuracy	+/- 1 yard
Modes	Range (Angle & Horizontal Distance), Speed, Continuous Scan
Battery Type	CR2 (1 included)
Item Weight	160 Grams
Product Dimensions (LxWxH)	3.74" x 1.57" x 2.95"
Material	Plastic
Water Resistance Level	Waterproof (IP54)

WARRANTY AND CUSTOMER SUPPORT

AOFAR provides comprehensive support for its products:

- **Warranty:** The AOFAR HX-1100V Rangefinder comes with a **Two-Year Manufacturer Warranty**.
- **Return Policy:** A 30-day return policy is typically offered. Please refer to your purchase platform for specific return details.
- **Technical Support:** Lifetime customer support is available. For any questions, technical assistance, or warranty claims, please contact AOFAR customer service.

Contact Information:

Email: service@aofar.com



Figure 5: AOFAR Customer Support and Warranty Information.

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Related Documents - HX-1100V

 HX-1100V	<u>AOFAR HX-1100V Hunting Rangefinder User Manual</u> Comprehensive user manual for the AOFAR HX-1100V hunting laser rangefinder, covering operation, specifications, safety, maintenance, and troubleshooting. Features include distance, speed, and angle measurement.
 HX-1100V	<u>AOFAR HX-1100V Hunting Rangefinder User Manual</u> Comprehensive user manual for the AOFAR HX-1100V Hunting Rangefinder, covering operation, specifications, safety, and troubleshooting. Learn about its features for hunting and archery.
 HX-1100V	<u>AOFAR HX-1100V Hunting Rangefinder User Manual</u> Comprehensive user manual for the AOFAR HX-1100V Hunting Rangefinder, detailing operation instructions, product specifications, safety guidelines, maintenance, and troubleshooting.
 HX-1200T www.aofar.com	<u>AOFAR HX-1200T Hunting Rangefinder User Manual</u> Comprehensive user manual for the AOFAR HX-1200T Hunting Rangefinder, covering operation, specifications, safety, maintenance, and troubleshooting. Includes detailed instructions and product information.

 AOFAR <small>HUNTING RANGEFINDERS</small> <small>HX-700N</small>	<p>AOFAR HX-700N Hunting Rangefinder User Manual and Specifications</p> <p>User guide for the AOFAR HX-700N Hunting Rangefinder, detailing operation, product specifications, safety precautions, maintenance, and troubleshooting. Includes contact information for customer support.</p>
 AOFAR <small>HUNTING RANGEFINDERS</small> <small>GX-6F</small> <small>www.aofar.com</small>	<p>AOFAR GX-6F Hunting & Golf Laser Rangefinder User Manual and Specifications</p> <p>Comprehensive guide to the AOFAR GX-6F laser rangefinder, covering operation, specifications, safety, maintenance, and troubleshooting. Ideal for hunters and golfers.</p>

Documents - AOFAR – HX-1100V



[AOFAR HX-1100V Hunting Rangefinder User Manual](#)

Comprehensive user manual for the AOFAR HX-1100V Hunting Rangefinder, detailing operation instructions, product specifications, safety guidelines, maintenance, and troubleshooting.

lang:en score:47 filesize: 994.93 K page_count: 24 document date: 2025-08-30

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[AOFAR HX-1100V Hunting Rangefinder User Manual](#)

Comprehensive user manual for the AOFAR HX-1100V Hunting Rangefinder, covering operation, specifications, safety, and troubleshooting. Learn about its features for hunting and archery.

lang:es score:21 filesize: 1.85 M page_count: 22 document date: 2024-06-18