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## AOFAR HX-1200T

# AOFAR HX-1200T Laser Range Finder User Manual

Model: HX-1200T

## INTRODUCTION

The AOFAR HX-1200T Laser Range Finder is a high-precision optical instrument designed for accurate distance measurement in various outdoor activities, including hunting and archery. Utilizing advanced AI technology, it provides reliable readings with features like angle compensation and horizontal distance calculation. This manual provides essential information for the proper setup, operation, and maintenance of your device.



Figure 1: AOFAR HX-1200T Laser Range Finder, showcasing its compact design and camouflage finish.

## PACKAGE CONTENTS

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Upon unboxing your AOFAR HX-1200T, please ensure all the following items are present:

- AOFAR HX-1200T Range Finder
- User Manual
- Carrying Pouch
- CR2 Battery
- High-grade Portable Rope
- Carabiner
- Cleaning Cloth

# What's in box



Rangefinder  
Cleaning cloth

User manual  
Carrying pouch

Carabiner  
CR2 BATTERY  
High-grade rope

Figure 2: All items included in the AOFAR HX-1200T product package.

## SETUP

### Battery Installation

1. Locate the battery compartment on the side of the range finder.
2. Twist the battery cap counter-clockwise to open.
3. Insert the provided CR2 battery, ensuring the correct polarity (+/-) as indicated inside the compartment.

4. Replace the battery cap and twist clockwise to secure it.

The device requires one CR2 battery for operation. A fresh battery is included in the package.

## OPERATING INSTRUCTIONS

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### Power On

To power on the device, press the **Power button** (usually the larger, orange button on top). The internal LCD display will activate, showing the reticle and battery indicator.

### Unit Switch (Yards/Meters)

To switch between yards (Y) and meters (M) for distance measurement, press the **Mode button** (smaller, orange button next to Power) while the device is powered on.

### Range Mode

In Range Mode, the device measures the straight-line distance to the target. To use:

1. Look through the eyepiece and align the reticle with your target.
2. Press and hold the **Power button**. The distance will be displayed on the LCD.



# Precision in the Wild



## Hunting mode Angle and horizontal distance

Figure 3: Using the range finder in hunting mode to determine angle and horizontal distance.

### Scan Mode

Scan Mode allows for continuous measurement of multiple targets or a moving target. To use:

1. Press and hold the **Power button**.
2. Slowly pan the device across the targets. The distance readings will update continuously on the display.

Your browser does not support the video tag.

Video 1: Official AOFAR video demonstrating the HX-1200T Hunting Rangefinder's features and operation, including quick distance

## PRODUCT FEATURES

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- **Accurate Measurement:** Adopting the latest AI technology, supports bow and range two modes, dust proof, fog proof, waterproof for all hunting enthusiasts.
- **Bow and Hunting Mode:** Shows angle and horizontal distance when showing straight-line distance.
- **High Precision:** Upgrade pinsensor technology. Accuracy with  $\pm 1$  yard in 5~300Y, larger than 300 yards is +/- 1 yards.
- **Extended Range:** Measurement up to 1200 yards.
- **Magnification:** 6x magnification for clear viewing of distant targets.
- **Fast Measurement:** Achieves measurements in as little as 0.02 seconds.
- **Durable Design:** IPX4 waterproof rating ensures reliable performance in various weather conditions.



# HX-1200T



Angle  
Horizontal  
Distance



Magnification



Unique  
measure time



Clear in  
low light



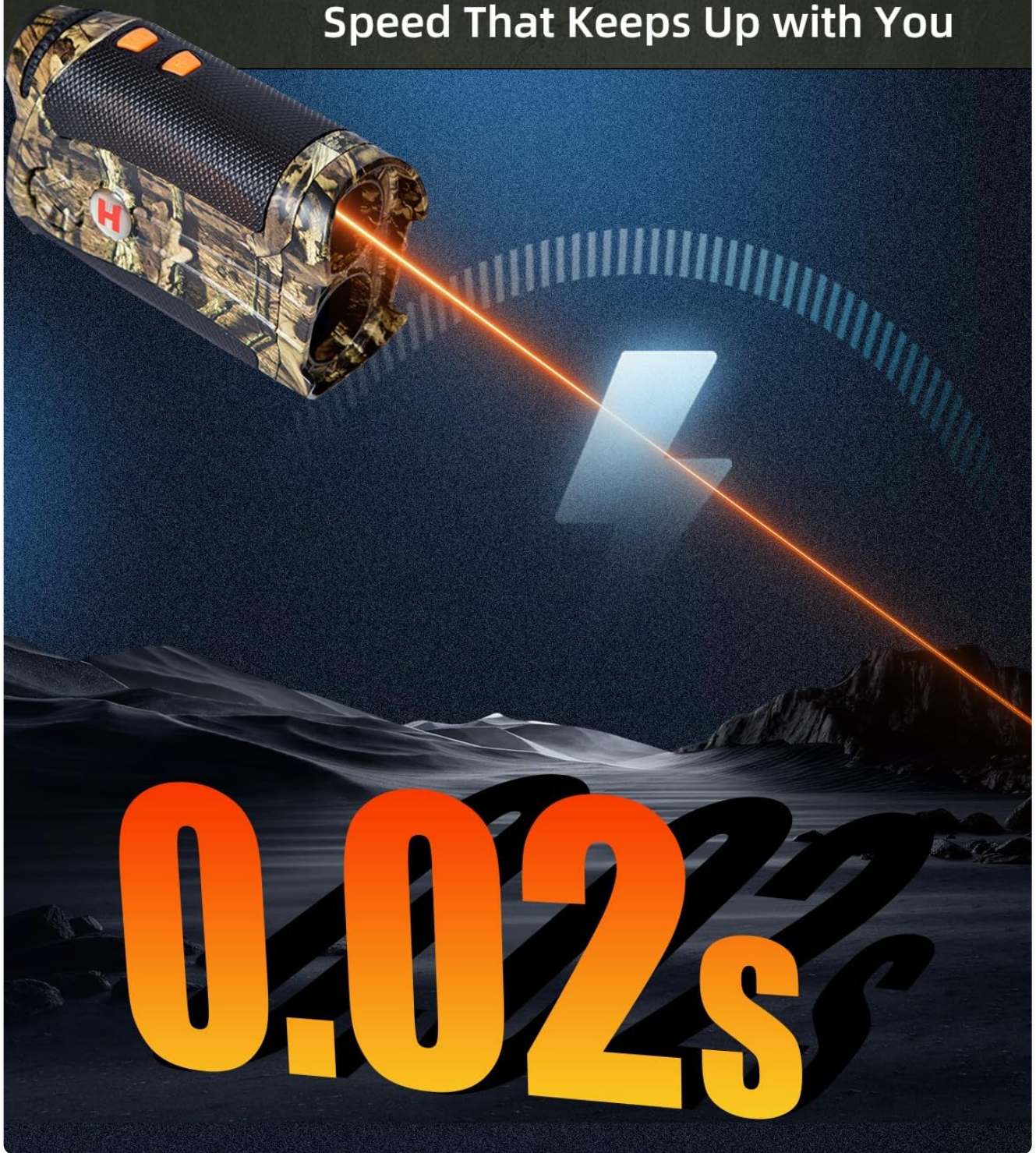
IPX4  
waterproof

Figure 4: Key features of the HX-1200T, including angle measurement and waterproof design.



# Measure time

## Speed That Keeps Up with You



*Figure 5: The range finder's rapid measurement speed.*

## MAINTENANCE

- **Cleaning:** Use the provided cleaning cloth to gently wipe the lenses and the body of the device. Avoid using abrasive materials or chemical cleaners.
- **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 CR2 battery to prevent leakage and



damage.

- **Water Resistance:** While IPX4 waterproof, avoid submerging the device in water. Dry thoroughly if it gets wet.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not power on.	Low or dead battery; incorrect battery installation.	Replace the CR2 battery; ensure correct polarity.
Inaccurate distance readings.	Obstructed laser path; target too far or too close; unstable hold.	Ensure clear line of sight; check measurement range (5-1200 yards); hold device steady.
Display is dim or unclear.	Low battery; dirty lens.	Replace battery; clean lenses with the provided cloth.
Cannot switch modes.	Button malfunction; device frozen.	Press the Mode button firmly; remove and reinsert battery to reset.

## SPECIFICATIONS

- **Brand:** AOFAR
- **Model:** HX-1200T
- **Measuring Range:** 5-1200 yards
- **Magnification:** 6x
- **Accuracy:** ±1 yard (5-300Y), +/-1 yards (over 300Y)
- **Water Resistance Level:** IPX4 (Waterproof)
- **Battery Type:** 1 x CR2 (3V)
- **Product Dimensions:** 4.8"L x 1.7"W x 2.8"H (121 x 72 x 43 mm)
- **Item Weight:** 6.4 ounces (180g)
- **Material:** Acrylonitrile Butadiene Styrene
- **Sport:** Hunting, Archery



Figure 6: Physical dimensions of the AOFAR HX-1200T.

## WARRANTY AND SUPPORT

AOFAR offers a **TWO year VIP warranty** and lifetime customer support for the HX-1200T. For any inquiries, technical assistance, or warranty claims, please contact AOFAR customer support directly.

**Email:** [service@aofar.com](mailto:service@aofar.com)

Your satisfaction is important to AOFAR, and their engineers are committed to developing products that meet your needs.