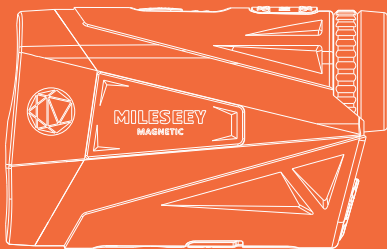


MILESEEY[®] OPTICS



IONJET 2

COMPACT HUNTING LASER RANGEFINDER

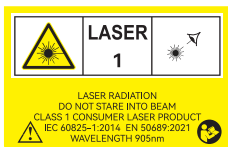
User Manual



Safety Instructions

Warning

- DO NOT look into the laser aperture when using the device, otherwise it may cause damage to your eyes.
- DO NOT use the device to view the sun or aim it directly towards the sun, for it may hurt your eyes permanently, cause damage to the components inside and the eyepiece.
- DO NOT store the device in environments with temperatures exceeding the recommended range (-10°C to 60°C).



Disposal:

- Commitment to Environmental Protection: Environmental protection is a shared responsibility. Be mindful of their environmental impact while using this product.
- Battery Disposal: Disposing of waste batteries in household garbage is strictly prohibited. Please ensure that waste batteries are disposed of at designated collection stations for proper handling.

● **Product Disposal:** This product should not be discarded with regular domestic waste. Instead, it must be disposed of in accordance with local regulations and guidelines specific to your country/region.

 Warning

Medical Device Interference: Contains a neodymium magnet. Keep away from pacemakers and defibrillators to prevent interference.

Heat Sensitivity: Exposure to temperatures over 175°F (80°C) may reduce magnetic attraction.

Electronic Damage Risk: The strong magnetic field may affect TVs, computers, credit cards, mechanical watches, hearing aids, and more. Avoid placing near sensitive electronic devices.

Pinching Hazard: Use caution to prevent skin or finger pinching when attaching to metal surfaces.



Maintenance

●Initial Cleaning: Gently remove dust or debris with a soft lens brush or by blowing on the lens.

●Removing Marks: Use the provided microfiber cloth for cleaning. Lightly breathe on the lens for moisture and then wipe gently in a circular motion. Avoid coarse materials and excessive rubbing to prevent scratches.

●Deep Cleaning: For thorough cleaning, use photographic lens tissue with lens cleaning fluid or isopropyl alcohol. Apply the fluid to the cloth, not directly on the lens.

Water Resistance Caution: The rangefinder is water-resistant but not waterproof. Do not submerge it in water or liquids.

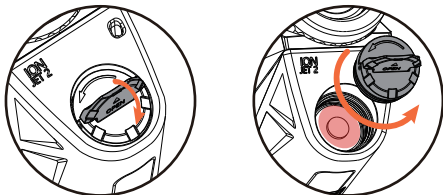


Charging

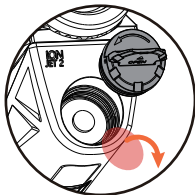
IONJET 2 has two power supply modes: **powered by CR2 batteries** and **powered by a built-in 450mAh lithium battery**.

CR2 Battery Installation

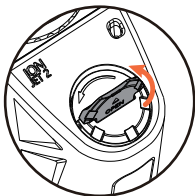
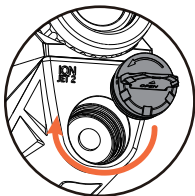
1. Pull up the rotating handle on the battery cover and rotate counter-clockwise until the battery cover is opened.



2. Remove the battery insulation sheet from the battery compartment.

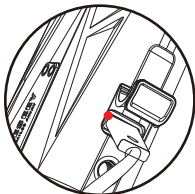


3. After removing the insulation sheet, turn it clockwise to tighten the battery cover.

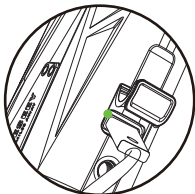


USB-C Charging

You can also charge it via the USB-C cable (included).



Charging



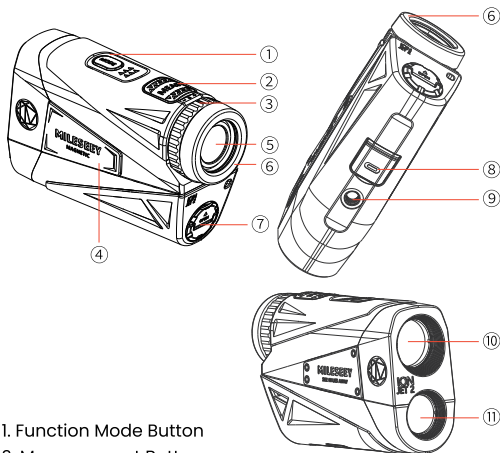
Fully Charged

Product Description

Thank you for choosing MILESEEEY product. Please thoroughly read this user manual before use, and keep it safe for future references.

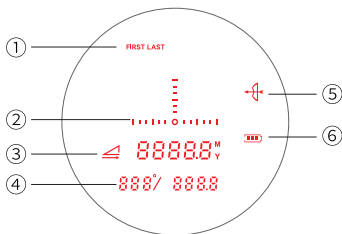
MILESEEEY IONJET 2 is a compact and lightweight laser rangefinder designed for outdoor activities like hunting, hiking, etc. It measures from 3.3yd to 2,000yd (3m to 1850m) with a measurement accuracy within ± 0.5 yd. And with 3 ranging modes (LOS/ARCH/HD), it can meet all your outdoor measuring needs effortlessly. Crafted with premium alloy materials, IONJET 2 offers excellent impact and abrasion resistance, built to last.

Overview



1. Function Mode Button
2. Measurement Button
3. Diopter Adjustment Dial
4. Magnet
5. Eyepiece
6. Adjustable Eye Cup
7. Battery Compartment (CR2)
8. USB-C Charging Port
9. Tripod Mounting Screw Hole
10. Objective Lens
11. Rangefinder Lens

Icons on Display



1. TARGET Mode Icon

2. Aiming Circle and Crosshairs

3. From Left to Right:

HD Ranging Mode Icon;

Line of Sight Distance;

Unit.

4. From Left to Right:

Slope(° Degree);

Horizontal Distance for HD Mode/Arrows Compensated Distance for ARCH MODE.

5. ARCH Ranging Mode Icon

6. Battery Level Indicator

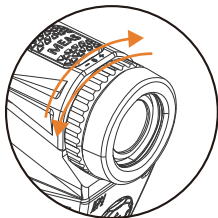
Operating Instructions

1. Power ON/OFF

- Press the () to power on.
- Automatically switching off after 16s of inactivity.

2. Diopter Adjustment

Rotate the eyepiece knob to adjust the diopter to fine tune your vision.



3. Notice of Measurements

Short press the Mode button () to switch modes. If the target reflection is weak or the target is out of measurement range during the measurement process, it will display as "---".

*The measurement range will be affected by factors such as the target material, the angle of the target surface, and weather visibility. Generally, if the target surface is smooth, bright, and has a large area, the measurement beam is perpendicular to the target surface, and the weather is cloudy without fog, the measurement range will be farther.

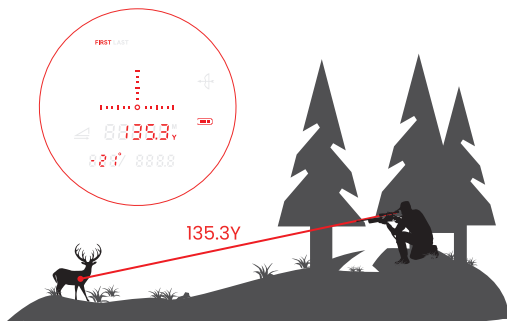
Ranging Modes

Short press the Mode button to switch between LOS mode, HD mode, and ARCH mode.

LOS Ranging Mode

Short press the Mode button () to switch to LOS mode, aim at a point (within the measurement range), and then short press the Meas button ().

LOS Ranging Mode refers to measuring the distance from the IONJET 2 to the target point, displayed in the first row on the measurement interface as shown below (in First mode):

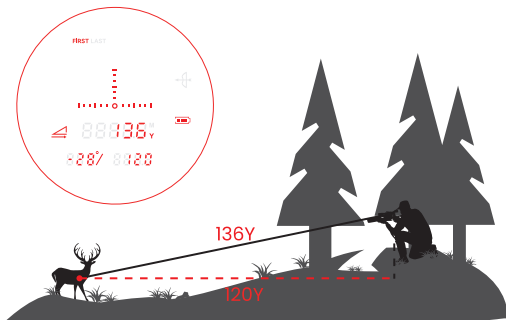


(The maximum range for LOS Ranging Mode is 2000 yards.)

HD Ranging Mode

Short press the Mode button () to switch to HD mode (), aim at a point (within the measurement range), and then short press the Meas button ().

HD Ranging Mode calculates the horizontal distance from the IONJET 2 to the target point based on the distance measured by the IONJET 2 and the elevation angle. The first row displays the distance from the IONJET 2 to the target, the second row shows the angle between the IONJET 2 and the target, and the third row indicates the horizontal distance between the IONJET 2 and the target. The interface is as shown below (in First mode):



(The maximum range for HD Ranging Mode is 2000 yards, with an angle range of $\pm 90^\circ$.)

ARCH Ranging Mode

ARCH Ranging Mode is used to compensate for extreme vertical angles in archery. It requires knowledge of your arrow's speed, with the initial default speed set at 220 fps.

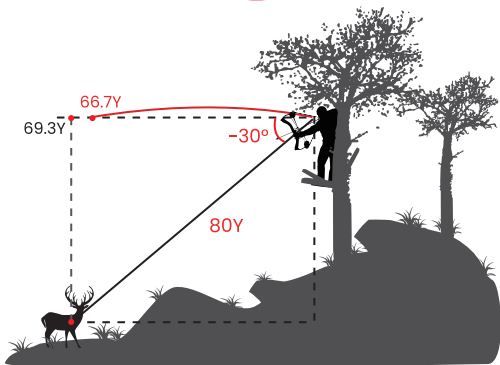
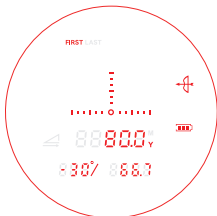
***You can adjust the fps setting in the menu, ranging from 200 to 350 fps. To set the fps: In ARCH function mode, long press the Mode button () to enter the settings menu. The first menu is for setting the fps. Short press the Meas button () to adjust the fps, increasing by 10 fps each time you press, within the range of 200 to 350 fps.**



Short press the Mode button () to switch to ARCH mode (), aim at a point (within the measurement range), and then Short press the Meas button (), and the IONJET 2 will provide a solution as an equivalent horizontal shooting distance.

The first row displays the distance from the IONJET 2 to the target, the second row shows the angle between the IONJET 2 and the target, and the third row shows the bow's compensation value.

Due to the physical limitations of arrow range, beyond 200 yards, the device will revert to the LOS distance to the target. The angle range is $\pm 90^\circ$, and the measurement interface is as shown below (in First mode):



Settings

Entering Settings

After powering on, long press the Mode button () for 2 seconds to enter the settings.

In *non-ARCH Ranging Mode, short press the Mode button () to cycle between the three menus: target mode, unit switching, and brightness levels. Short press the Meas button () to switch between the sub-options of these three menus. Below are detailed introductions of each menu option.

*In ARCH Ranging Mode, there is an additional FPS setting function. Short pressing the Mode button () will cycle between four settings: FPS setting, target mode, unit switching, and brightness levels. Other settings are the same as described below. To avoid repetition, the FPS setting will be mentioned under the ARCH Ranging Mode settings.

Exiting Settings

Long press the Mode button () for 2s to exit the Settings mode.

Target Modes

The IONJET 2 has 4 target modes, with default mode being the Best Mode. To switch target modes, long press the Mode button () to enter the target mode settings, and short press the Meas button () to select the mode you want.

1. Best Mode:



This mode is recommended when there are no obvious obstructions in front of the target and no significant interference from the background. It offers a measure range up to 2,000 yards for most targets, which under normal ranging conditions have medium reflectivity.

Short press Meas: Measures once and displays data related to the most reliable target.

Long press Meas: Continuously measures and updates the display with each measurement result.

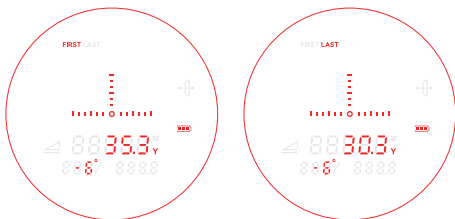
2. Auto Mode:



This mode can measure the distances to both the nearest and the farthest targets simultaneously.

Short press Meas: Measures once and checks if multiple targets exist. If they exist, the measurement results will blink alternately at 1-second intervals, displaying the data related to the nearest and farthest targets. The corresponding target mode icons for the nearest and farthest targets will also blink. If there are no multiple targets, only the measurement data for the nearest target will be displayed.

Long press Meas: Continuously detects if multiple targets exist. If they do, after releasing the measurement button, the results will blink alternately at 1-second intervals, displaying the data related to the nearest and farthest targets. The corresponding target mode icons for the nearest and farthest targets will also blink. If there are no multiple targets, only the measurement result for the nearest target will be displayed. The blinking display effect is shown below:



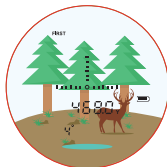
3. First Mode:



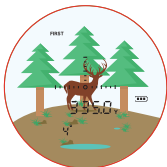
This mode allows for easily obtaining distances to small targets and game animals without accidentally getting the distance to background targets, as the background targets have a stronger signal. When locking onto multiple targets, only the distance to the nearest target will be displayed. In this mode, align the reticle with the target you want to measure (e.g., a deer). Then, press and hold the Meas button and gradually move the reticle through the target (deer). If the laser beam locks onto multiple targets (deer and background trees), the screen will display the distance to the nearest target (deer) to you.

Short press Meas: Measures once and outputs the measurement data related to the nearest target.

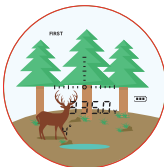
Long press Meas: Continuously measures and updates the distance to the nearest target.



Initial range captured on trees.



Range captured on closer elk.



Scanned to further trees. Range remains locked on closer elk.

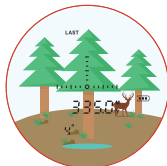
4. Last Mode:



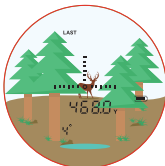
This mode is designed to ignore objects like shrubs and branches, displaying only the distance to the target. When multiple targets are locked, only the distance to the farthest target will be displayed. In this mode, align the reticle with the target you want to measure. Then, press and hold the Meas button and gradually move the reticle across the target. If the laser beam identifies multiple objects (branches up close and a deer in the background), the distance to the farther object (deer) will be displayed.

Short press Meas: Measures once and outputs the measurement data related to the farthest target.

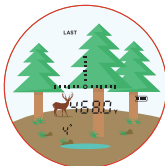
Long press Meas: Continuously measures and updates the distance to the farthest target.



Initial range captured on trees.



Range captured on farther elk.



Scanned to closer trees. Range remains locked on farther elk.

Unit Switching

The IONJET 2 laser rangefinder offers two unit display options (Yards/Meters), with the default unit being Yards. To select a different unit display, long press the Mode button () to enter the settings menu, press the Mode button () again to go to unit switch settings and press the Meas button () to select the unit you want.

Yards



Meters



Brightness Levels

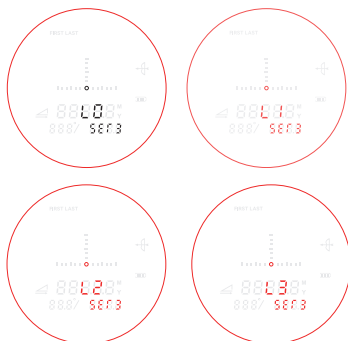
The IONJET 2 laser rangefinder offers 4 brightness levels to choose from, with the default brightness being AUTO. To select a different brightness level, long press the Mode button () to enter the settings menu. Press the Mode button () twice to switch to the brightness level selection. Short press the Meas button () to toggle between the brightness levels.

L0: Black display

L1: Lowest brightness level.

L2: Medium brightness level.

L3: Highest brightness level.



Product Specifications

Model	IONJET 2
Max. Reflective Range	Up to 2000Y
Range on Tree	Up to 1200Y
Range on Deer	Up to 1000Y
Magnification	6x
Diopter Adjustment	±5.0dpt
Objective Lens	22mm
FOV	7.5°
Exit Pupil	3.7mm
Eye Relief	16mm
Lens Coating	Water&fog-proof (objective lens/eyepiece), dirt resistant
Waterproof	IP65
Battery	Dual Power Supply: CR2 & Rechargeable lithium battery 450mAh
Battery Life	>10000 ranges

Display	High-clarity LCD with dual display (red&black)
Range Response Time	<1s
Range Resolution	$\pm(0.5Y+0.001D)$
Brightness Setting	L0/1/2/3
Auto Shutoff	16s
Ranging Mode	Compensation Modes: LOS, HD, ARCH. Target Modes: BEST, FIRST, LAST, AUTO.
Mounting Method	1. Magnetic Mount 2. Tripod Mount
Dimensions	4.11*2.62*1.42 inch (104.5*66.5*36 mm)
Weight	253g

*All data are measured and provided by the MILESEET Lab, the actual use will be slightly different depending on the specific circumstances.

Attention

1. DO NOT touch the lens directly with your fingers to avoid damages to the coating.
2. This product has been precisely calibrated by professional instruments, so please send back to dealer in case of repair. DO NOT attempt to repair or disassemble it by yourself.
3. Use a clean and dry cloth to gently wipe the lens if it is contaminated, DO NOT use hard or abrasive materials to clean the lens.
4. DO NOT apply any strong impact or excessive weight onto the product and avoid exposure to high temperatures or corrosive environments during use.
5. Please store the product in a dry, cool and well-ventilated place, away from humidity, direct sunlight, and sudden temperature changes.

Disclaimer

● **Exclusion of Liability:**

We will not be held responsible for damages resulting from improper use of the product. It is crucial that users operate the product as intended and in line with our guidelines to avoid potential issues.

● **Conditions Voiding Liability:**

- 1. Use Without Instruction:** Operating the product without following the provided instructions can lead to damage for which we won't be held liable.
- 2. Unapproved Accessories:** Utilizing accessories from other manufacturers that have not been approved by us can result in damages that won't be covered by our responsibility.
- 3. Product Modification:** Any modification, alteration, or conversion of the product carried out by the user will void our liability for any resultant damages.

Contact Us

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E-mail: service@mileseey.com

Made in China

Mileseey Technology (US) Inc.

Office Add: 17800 CASTLETON ST STE 665 CITY OF INDUSTRY, CA 91748

Manufacturer: Shenzhen Mileseey Technology Co., Ltd.

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E-mail: service@mileseey.com

Made in China



FR

Cet appareil
et ses piles
se recyclent

À DÉPOSER
EN MAGASIN



À DÉPOSER
EN DÉCHÈTERIE



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