



# WMLRF 4500

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PRODUCT MANUAL

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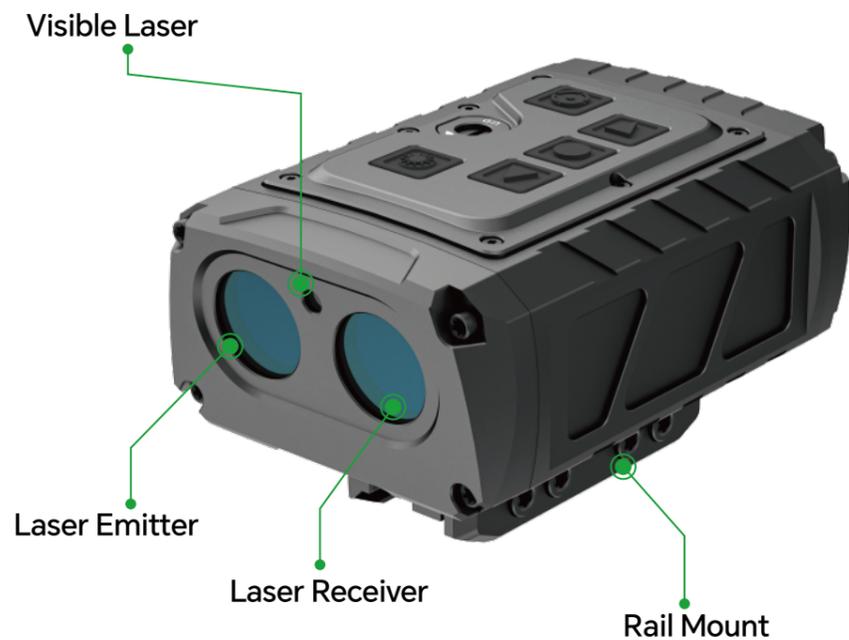
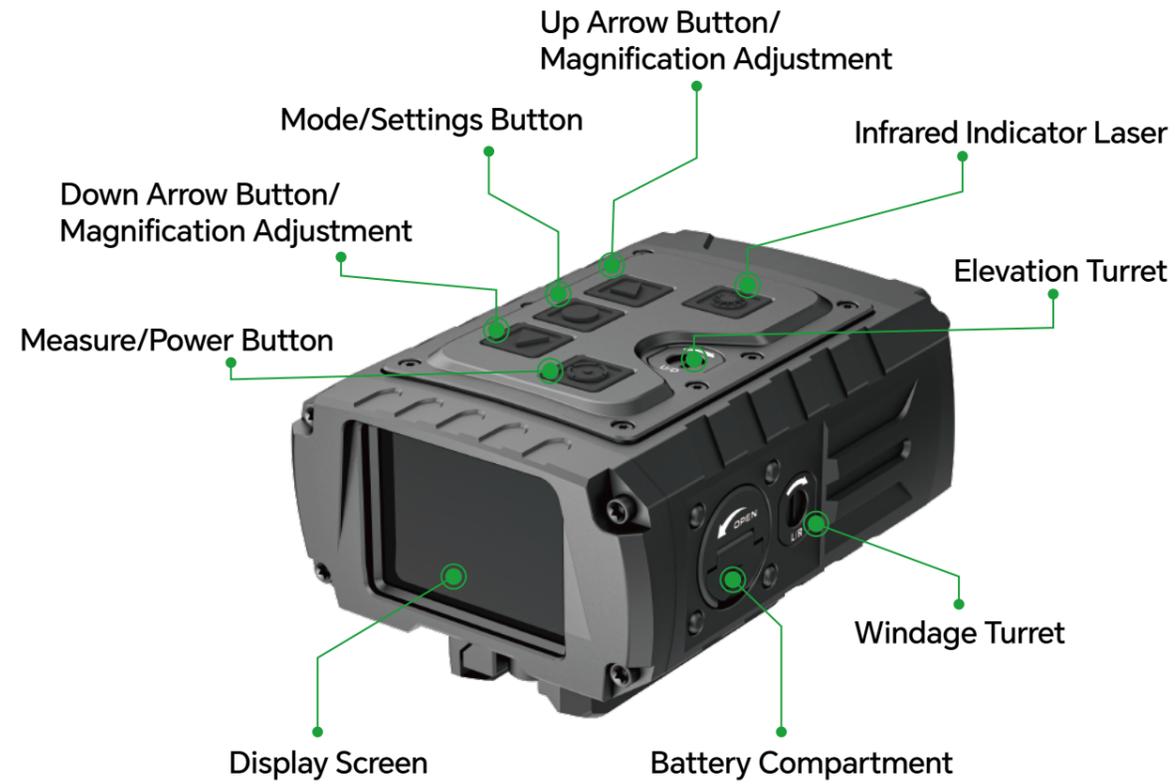
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## SPECIFICATIONS



<b>COLOR</b>	Black
<b>HEIGHT</b>	46mm
<b>OVERALL LENGTH</b>	111mm
<b>OVERALL WIDTH</b>	78mm
<b>BATTERY</b>	CR123A
<b>DISPLAY TYPE</b>	2.0 In IPS LCD
<b>WEIGHT</b>	380g
<b>RUN TIME</b>	4000 Ranges Minimum
<b>RANGE ON DEER</b>	Up To 1000m
<b>RANGE ON TREES</b>	Up To 1500m
<b>MAX REFLECTIVE</b>	Up To 2000m
<b>650NM RED LASER</b>	Yes
<b>TEMPERATURE SENSOR</b>	Yes
<b>HUMIDITY SENSOR</b>	Yes
<b>BAROMETRIC PRESSURE SENSOR</b>	Yes
<b>ALTITUDE</b>	Yes
<b>SYSTEM</b>	IOS ANDROID

**BUTTON NAVIGATION**



**BUTTON NAVIGATION**

ICON	FUNCTION	USAGE
	Infrared Indicator Laser	Click/Reuse Long Press
	Up Arrow Button/ Magnification Adjustment	Click/Reuse Long Press
	Mode Button / Settings Button	Click/Reuse Long Press
	Down Arrow Button/ Magnification Adjustment	Click
	Measure Button / Power Button	Click/Reuse Long Press

## BASIC OPERATION

### Battery Installation And Replacement

To insert a new battery, flip up the-finger tab on the Battery Cap and unscrew, counterclockwise, to remove. Insert a CR123A battery with the negative side (-) facing outwards. Reinstall the Battery Cap and ensure it is tightly closed.

(Suggestion: Remove the battery during long periods between use. Like many other lasers there is a small pull on the battery even when the unit is off.)

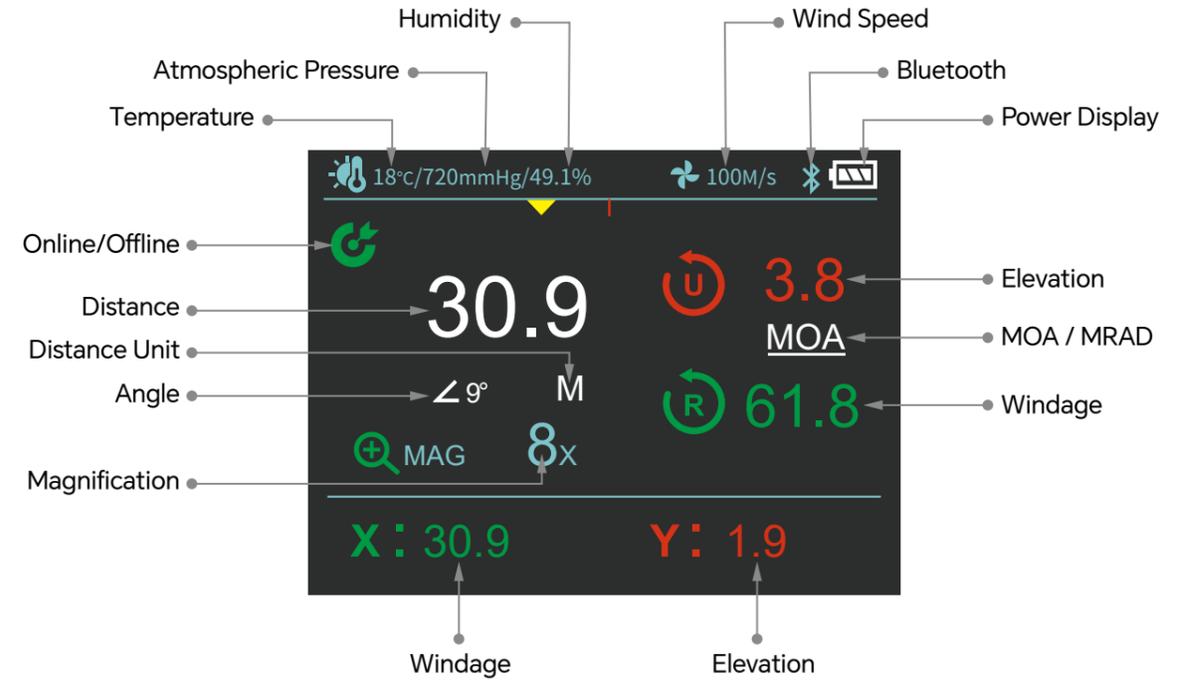


### Power On/Off

**Power On:** Click the power button  for 1 seconds, and the display screen will light up.

**Power Off:** Press and hold the power button  for 6 seconds to turn off the display screen.

## OLED DISPLAY CONTENT



## MAIN DISPLAY MODE

Default main display mode: Only displays distance and angle.

(When Bluetooth is connected, it automatically switches to the simplified large font mode of online mode, and the trajectory value will be displayed on the screen after measurement.)



Main Display Mode-UNMEASURED



Main Display Mode-MEASURED

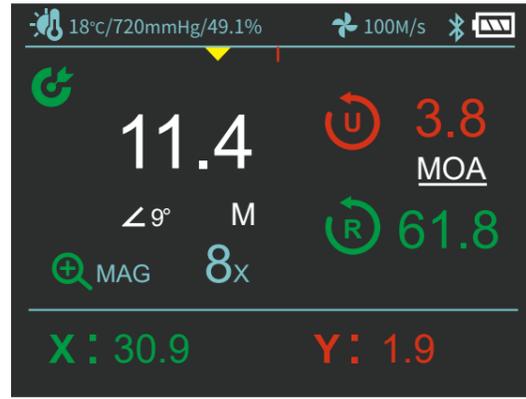
## ONLINE MODE

### Large Font Mode

After connecting to the APP via Bluetooth, the device automatically switches to the Large Font Mode of Online Mode. Press the measure button to take a measurement, and the trajectory value will be displayed on the screen.



Large Font Mode-UNMEASURED

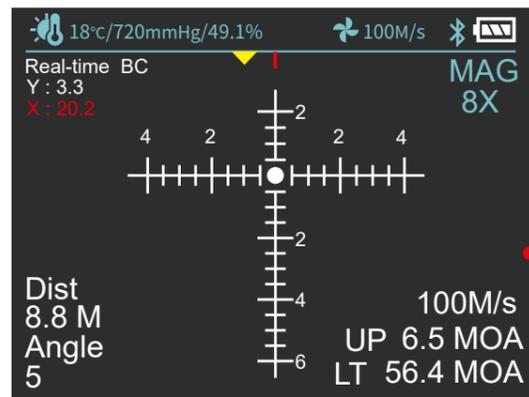


Large Font Mode-MEASURED

### Reticle Display Mode (MRAD/MOA)

The reticle shown on screen corresponds to the type selected in the companion APP. Available reticle options include:

- Primary Reticle
- Extended Reticle



Reticle Display Mode-MEASURED

Press the Mode button to toggle between Large Font Mode and Reticle Display Mode.

## OFFLINE MODE

### Large Font Mode

When the device does not detect a Bluetooth connection, it will automatically switch to OFFLINE MODE. In this mode, the device relies on an internal pre stored offline data table to perform measurement calculations.

(You can select any stored offline data table (e.g., Data 1,2,3,4...) from the First-Level Menu. For detailed steps, please refer to Page9 of this manual.)



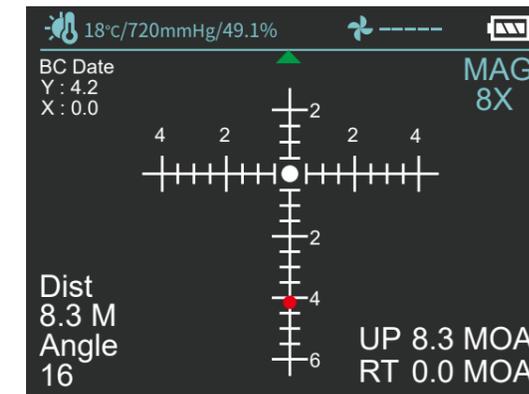
Large Font Mode-UNMEASURED



Large Font Mode-MEASURED

### Reticle Display Mode (MRAD/MOA)

- ⚠ **Offline Limitations:** The type of reticle is pre-configured via the APP and synchronized to the device. It cannot be changed in OFFLINE MODE.
- 🔄 **To Update Settings:** To modify the reticle style, connect to Bluetooth to enter ONLINE MODE and adjust the settings in the APP.



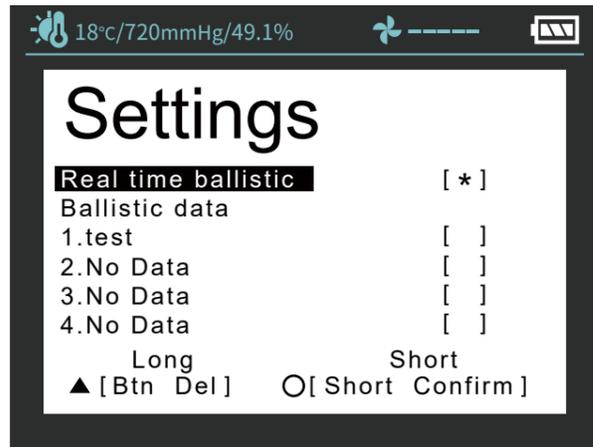
Reticle Display Mode-MEASURED

Press the Mode button to toggle between Large Font Mode and Reticle Display Mode.

## FUNCTION MENU

### First-Level Menu

Press and hold the settings button  on any interface in non menu mode to display the First-Level Menu.



**First-Level Menu**

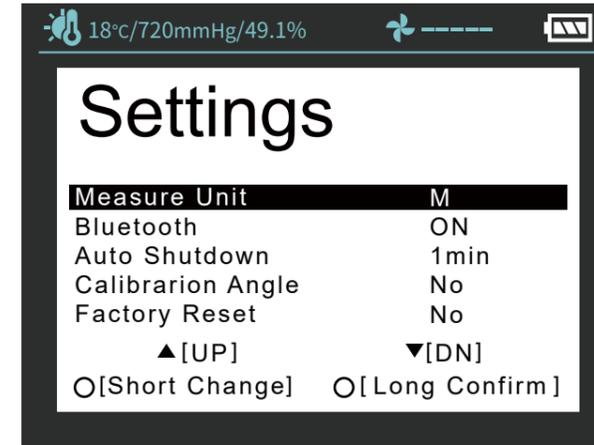
To delete a saved dataset, navigate the cursor to Data Table 1, 2, 3, or 4 (ensure the table contains data). Then, press and hold the up button .

To access submenu options for a selected item, press the mode button .

## FUNCTION MENU

### Second-Level Menu

The Second-Level Menu can only be accessed by clicking the settings button  under the First-Level Menu.



**Second-Level Menu**

In Second-Level Menu, short-press the mode button  to cycle through the following options:

<b>Measure Unit</b>	Toggles the measurement unit M/Y (Note: Unit switching is disabled in Offline Mode, where the unit depends on the saved offline data)
<b>Bluetooth</b>	Toggles Bluetooth ON or OFF
<b>Auto Shutdown</b>	Cycles through auto-shutdown timer options: 1 min, 3 min, 5 min, 10 min, 15 min, 30 min, 60 min
<b>Calibration Angle</b>	Switches to Angle Calibration mode (Tip: For best results, place the device on a 0° level surface before calibrating)
<b>Factory Reset</b>	Toggles the Factory Reset confirmation option

To confirm your selection and exit:

Press and hold the mode button . The setting will take effect immediately.



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