

**Thank you for purchasing the Valore Laser Distance Meter (LA13).**

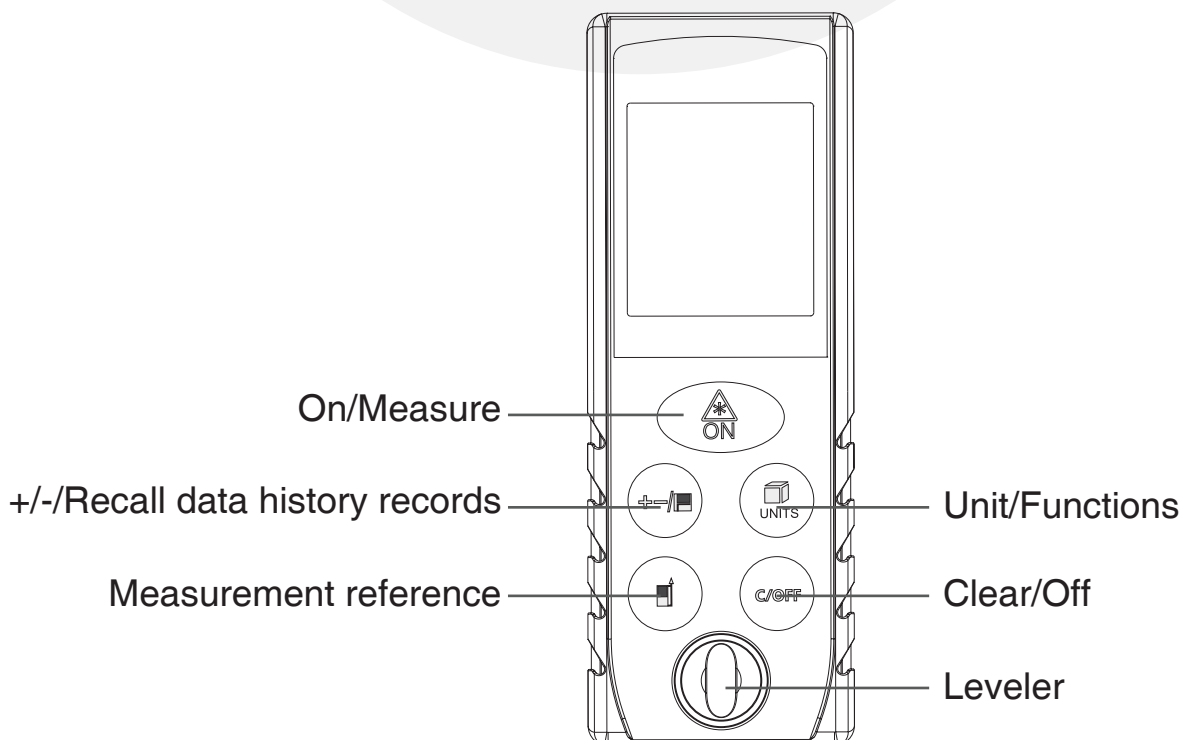
Packing powerful measuring features yet conveniently-sized for maximum portability, the Valore laser distance meter allows you to measure distance, calculate area and volume without the assistance of others. It is able to measure up to 40 meters (130 feet) with high accuracy readings.

Important: Please read the user manual thoroughly before using the product.

### Specifications:

- Measuring range: 0.05 - 40m
- Laser wavelength: 620 - 690nm
- Laser class: 2 < 1 mW
- Battery type: AAA x 2 (not included)
- Material: ABS
- Weight: 86.4g

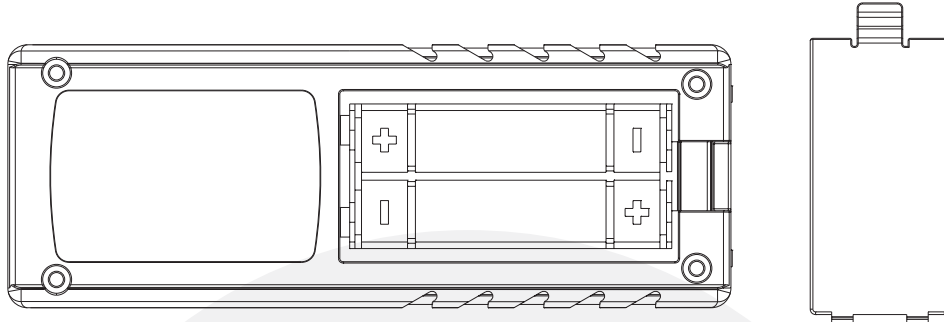
### Understanding the product



# Start using the laser distance meter.

## 1. Battery installation

- Remove battery compartment lid.
- Insert batteries with correct polarity according to battery lid indications.
- Close battery compartment lid.



## Cautions

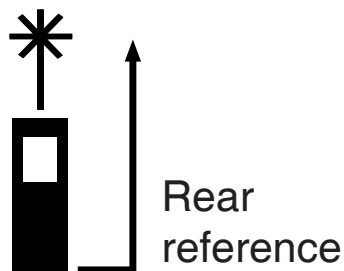
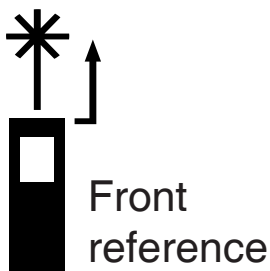
- Please do not mix new and old batteries, use alkaline batteries or rechargeable batteries only.
- Please replace batteries when the low batt symbol flashes permanently in the display.
- Please remove the batteries when not in use for a long period of time.

## 2. Switching on and off

- Short press the on/measure button to switch on.
- Long press the clear/off button to switch off. The laser will switch off automatically after 30 seconds and laser distance meter will be switched off automatically after 3 minutes of inactivity.

## 3. Change measurement reference

Default setting of measurement is rear edge. Short press the measurement reference button to switch between rear and front reference.



#### 4. Clear button

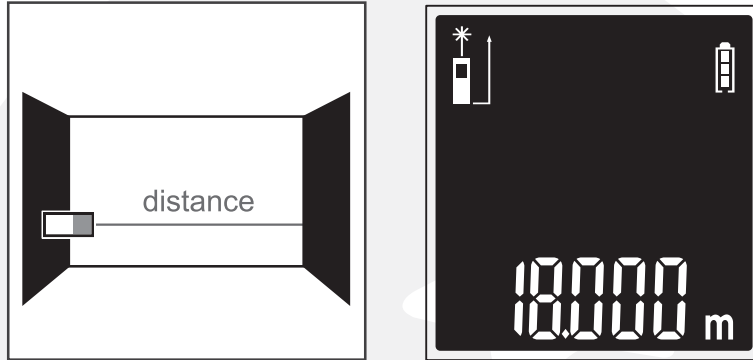
Short press clear/off to clear the last command or displayed date.

#### 5. Unit conversion

Default unit is m. Long press unit/function to switch between m, ft and in.

#### 6. Single mode measurement

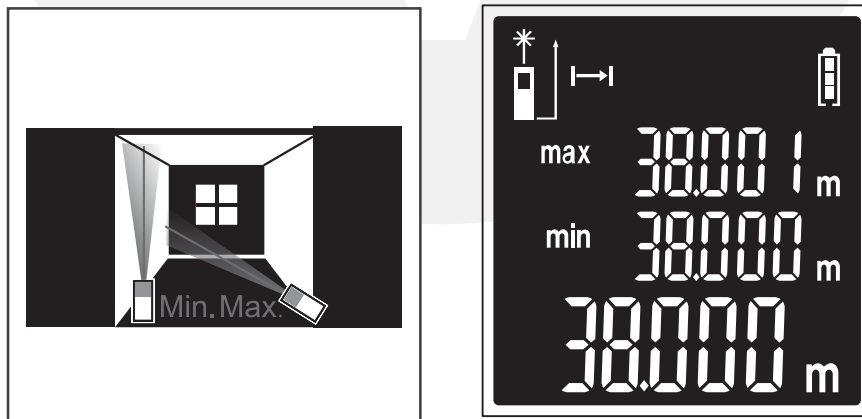
When laser distance meter is switched on, short press on/measure to measure. The measurement will be displayed immediately.



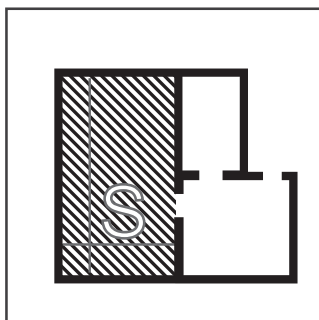
#### 7. Continuous mode measurement

When laser distance meter is switched on, long press on/measure to activate continuous mode measurement.

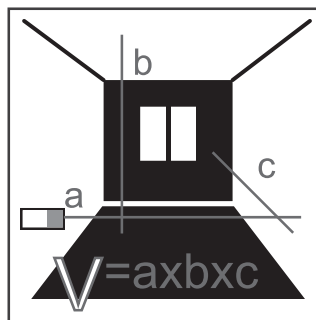
MIN: Minimum value, MAX: Maximum value



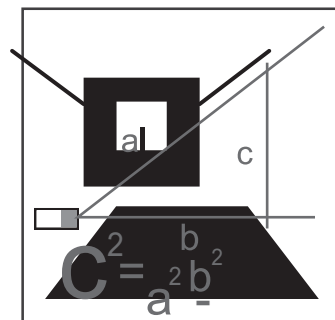
#### 8. Functions



Area







Volume



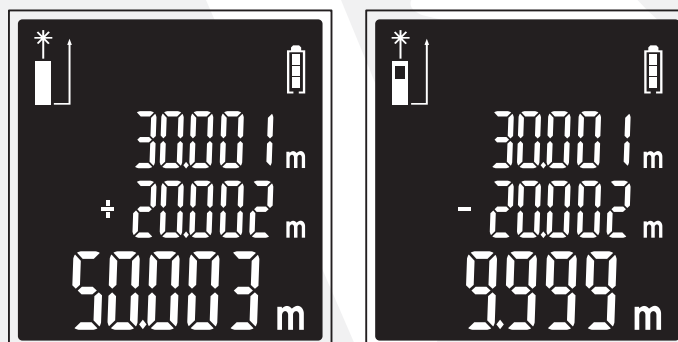
Pythagorean Theorem

Short press unit/function to change functions respectively. Select corresponding function and begin the measurement.

Measurement	Icons
Continuous Measurement	
Area Measurement	
Volume Measurement	
Pythagorean Theorem	

### 9. Addition and subtraction

- + : Take current measurement, press +/-/Recall data history records once, take next measurement. The laser distance meter will automatically calculate addition.
- : Take current measurement, press +/-/Recall data history records twice, take next measurement. The laser distance meter will automatically calculate subtraction.



### 10. Storage and Recall of measurements

- a. Measuring data will be stored automatically. Long press +/-/Recall data history records to view.
- b. The higher number (Up to 20) indicates the most recent measurement taken.
- c. Use the +/-/Recall data history records to scroll through the records.

### 11. Error codes

Message Code	Possible cause	Remedy
<b>Err10</b>	Battery too low	Change batteries
<b>Err15</b>	Out of range	Measure target within the range
<b>Err16</b>	Received signal too weak	Use light color target; Hold Quick Measure more steady
<b>Err18</b>	Background brightness too high	Use dark colored target
<b>Err26</b>	Out of display	