

ozito

LASER RANGE FINDER

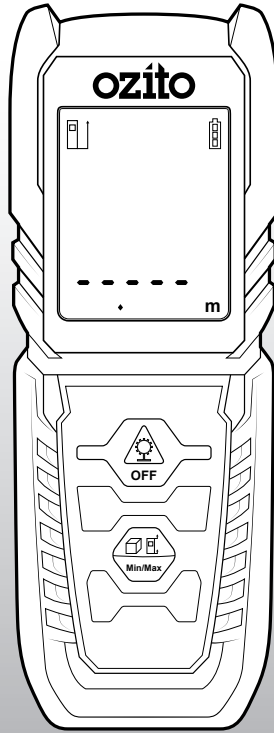
25m Range

INSTRUCTION MANUAL

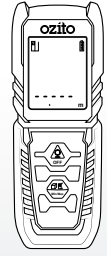
SPECIFICATIONS

Battery:	3V DC (2 x AAA Battery)
Laser Power:	Class 2, <1mW
Working Range:	0.05-25m
Laser Diode:	635nm
Accuracy:	±3.0mm
Weight:	90g

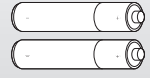
ozito.com.au



WHAT'S IN THE BOX



Laser Range Finder



2 x AAA Batteries

3 YEAR REPLACEMENT WARRANTY

LMR-025

WARRANTY

IN ORDER TO MAKE A CLAIM UNDER THIS WARRANTY YOU MUST RETURN THE PRODUCT TO YOUR NEAREST BUNNINGS WAREHOUSE WITH YOUR BUNNINGS REGISTER RECEIPT. PRIOR TO RETURNING YOUR PRODUCT FOR WARRANTY PLEASE TELEPHONE OUR CUSTOMER SERVICE HELPLINE:

Australia 1800 069 486

New Zealand 0508 069 486

TO ENSURE A SPEEDY RESPONSE PLEASE HAVE THE MODEL NUMBER AND DATE OF PURCHASE AVAILABLE. A CUSTOMER SERVICE REPRESENTATIVE WILL TAKE YOUR CALL AND ANSWER ANY QUESTIONS YOU MAY HAVE RELATING TO THE WARRANTY POLICY OR PROCEDURE.

The benefits provided under this warranty are in addition to other rights and remedies which are available to you at law. Our goods come with guarantees that cannot be excluded at law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Generally you will be responsible for all costs associated with a claim under this warranty, however, where you have suffered any additional direct loss as a result of a defective product you may be able to claim such expenses by contacting our customer service helpline above.

3 YEAR REPLACEMENT WARRANTY

Your product is guaranteed for a period of **36 months from the original date of purchase** and is intended for DIY (Do It Yourself) use only. If a product is defective it will be replaced in accordance with the terms of this warranty. **Lithium Ion batteries are covered by a 12 month warranty.** Warranty excludes consumable parts.

WARNING

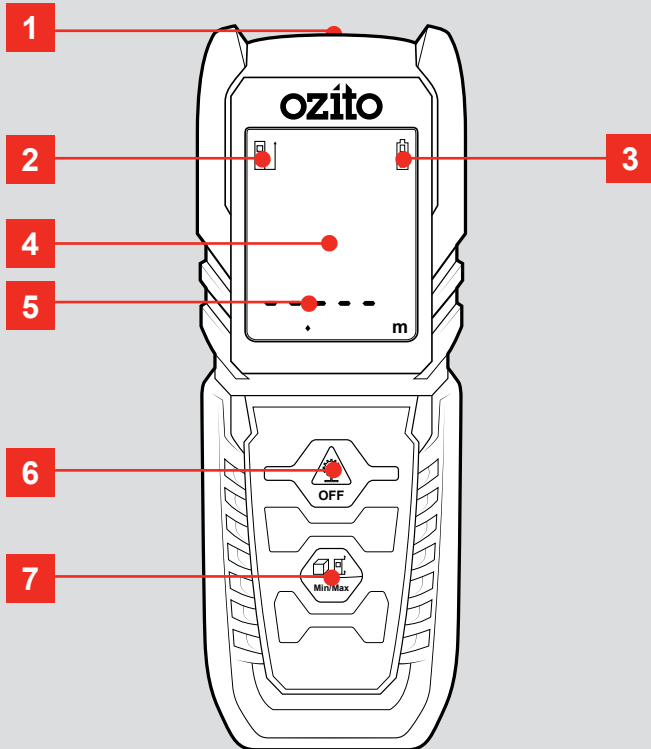
The following actions will result in the warranty being void.

- If the tool has been operated on a supply voltage other than that specified on the tool.
- If the tool shows signs of damage or defects caused by or resulting from abuse, accidents or alterations.
- Failure to perform maintenance as set out within the instruction manual.
- If the tool is disassembled or tampered with in any way.

KNOW YOUR PRODUCT

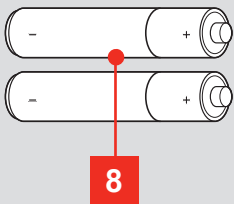
LASER RANGE FINDER

- | | |
|----------------------------|-----------------------------|
| 1 Laser Window | 5 Measurement Value |
| 2 Reference Point Icon | 6 On/Off & Measuring Button |
| 3 Battery Charge Indicator | 7 Mode & Reference Button |
| 4 Digital Display | |



ACCESSORIES

- 8 AAA Battery x 2



ONLINE MANUAL

Scan this QR Code with your mobile device to take you to the online manual.

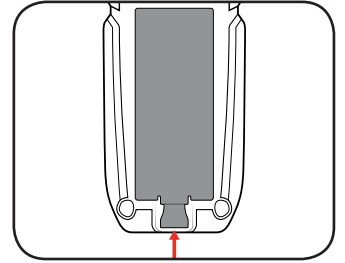


SETUP & PREPARATION

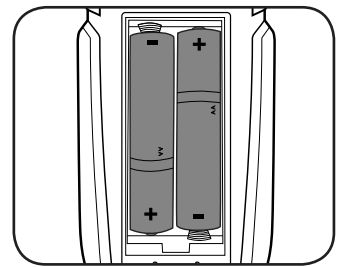
1. INSTALLING BATTERIES

The Laser Range Finder unit requires 2 x AAA batteries to operate.

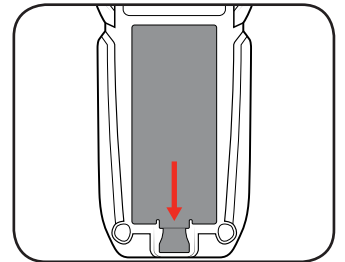
- 1 Remove the battery compartment lid from the back of the laser unit using the tab at the bottom.



- 2 Insert 2 x AAA batteries in the correct direction indicated by the embossing inside the battery compartment.



- 3 Place the top of the battery lid into the recess in the laser unit and push the lid tab down to secure in place.



3 YEAR REPLACEMENT WARRANTY

OPERATION

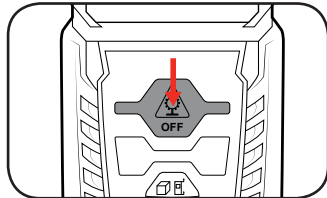
2. CONTROLS



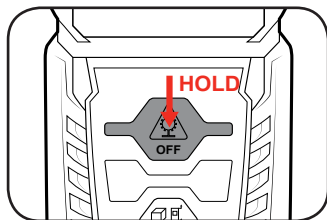
WARNING! ENSURE LASER WINDOW IS NOT AT EYE LEVEL OR DIRECTED TOWARDS OTHERS WHEN OPERATING.

Switching On and Off

- 1 To turn the unit on, press the on/off Button

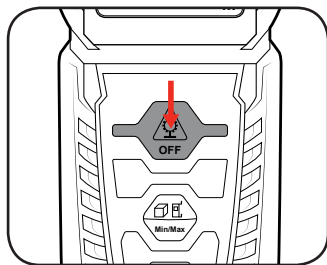


- 2 To turn the unit off, hold the on/off button down until the unit turns off.



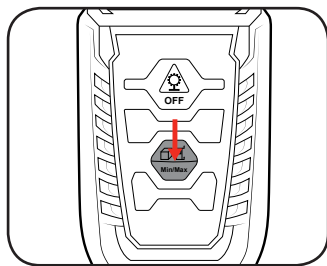
Measuring Button

Once the unit is turned on, the on/off & measuring button can be pressed once to display the laser pointer to align, then should be pressed again to take the measurement.



Changing Operating Modes

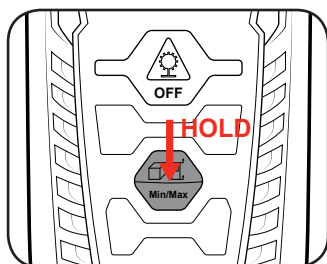
- 1 Press the mode & reference button to cycle through the numerous operating modes until the desired mode is selected.



Changing the Reference Point

The reference point is where the measurement is measured from. You can measure from the top or bottom of the laser unit.

- 1 Press and hold the mode & reference button down until the reference point changes.

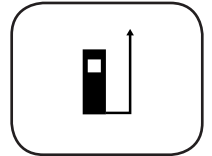


3. DIGITAL DISPLAY

Reference Point Icon

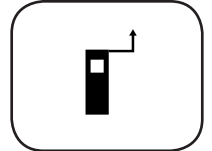
- 1 When using the **Bottom** of the laser as the reference point, the icon shown here will be displayed in the top left corner.

Note: The height of the tool will be included in the measurement.



- 2 When using the **Top** of the laser as the reference point, the icon shown here will be displayed in the top left corner.

Note: The height of the tool will not be included in the measurement.



Operating Mode Icon

- 1 The icon to the right of the reference icon will indicate the current operating mode:

- Single distance
- Area
- Volume
- Continuous Minimum
- Continuous Maximum



These modes are explained in the 'Operating Modes' section.

Battery Charge Indicator

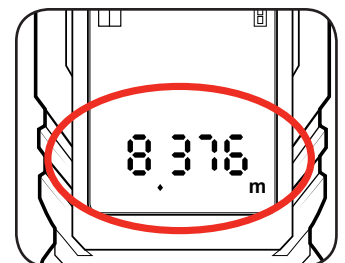
- 1 The icon at the top right corner indicates the charge level of the batteries.



Measurement Value

- 1 Once a measurement is taken, the distance will show on the digital display.

Note: The current and previous measurements are both displayed on screen.



4. OPERATING MODES

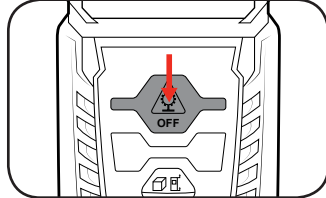
Measuring a Single Distance

- 1 This is the default operating mode when the unit is switched on. If required, press the mode button until no operating mode symbol is shown.

NO SYMBOL

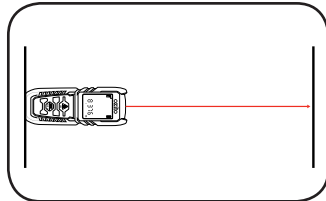
- 2 Press the measuring button to turn the laser point on. Align the laser in position.

Note: Ensure the desired reference point is selected



- 3 Press the measuring button a second time to take the distance measurement.

Note: The measurement will be displayed on the digital display.



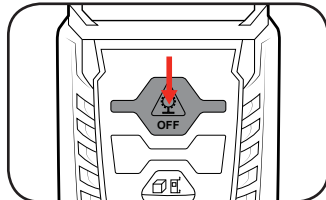
Measuring Areas

- 1 Press the mode button until the area operating mode symbol is shown.

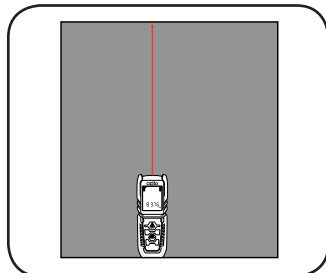


- 2 Press the measuring button to turn the laser point on. Align the laser in position.

Note: Ensure the desired reference point is selected

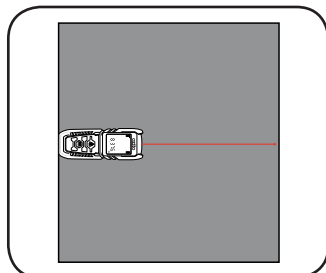


- 3 Press the measuring button a second time to take the length measurement.



- 4 Press the measuring button to turn the laser point on. Position the laser and press the measuring button again to measure the width.

Note: The area will be displayed at the bottom in m^2 .



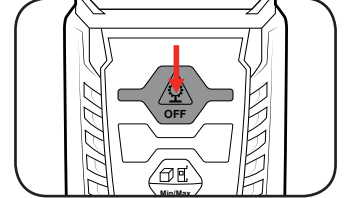
Measuring Volumes

- 1 Press the mode button until the volume operating mode symbol is shown.

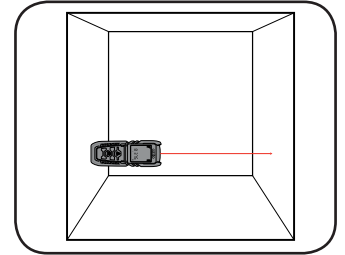


- 2 Press the measuring button to turn the laser point on. Align the laser in position.

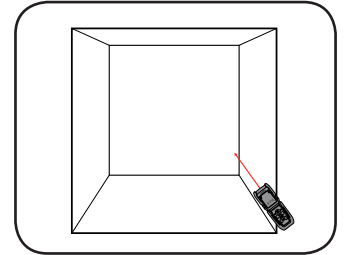
Note: Ensure the desired reference point is selected



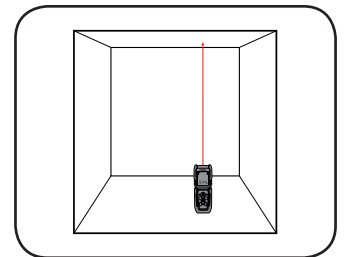
- 3 Press the measuring button a second time to take the length measurement.



- 4 Press the measuring button to turn the laser point on. Position the laser and press the measuring button again to measure the width.



- 5 Press the measuring button to turn the laser point on. Position the laser and press the measuring button again to measure the height.
- Note:** The volume will be displayed at the bottom in m^3 .

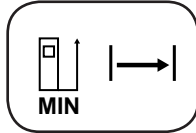


MORE OPERATING MODES OVER THE PAGE

OPERATING MODES (CONTINUED)

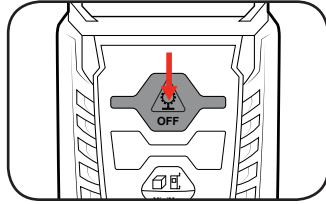
Continuous Distance (Minimum)

- 1 Press the mode button until the continuous min operating mode symbol is shown.

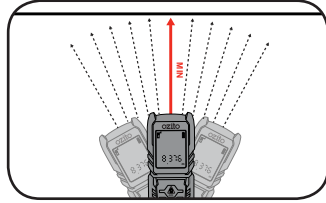


- 2 Press the measuring button to turn the laser point on. Align the laser in position.

Note: Ensure the desired reference point is selected



- 3 Press the measuring button a second time to start measuring. The smallest distance so far will display at the top. The current real time distance will show at the bottom.



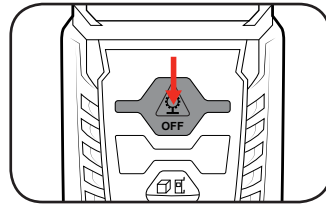
Continuous Distance (Maximum)

- 1 Press the mode button until the continuous max operating mode symbol is shown.

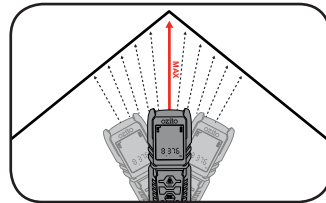


- 2 Press the measuring button to turn the laser point on. Align the laser in position.

Note: Ensure the desired reference point is selected



- 3 Press the measuring button a second time to start measuring. The largest distance so far will display at the top. The current real time distance will show at the bottom.



TROUBLESHOOTING

Laser does not turn on

The batteries may be depleted. Ensure you have inserted 2 x AAA batteries with a full charge.

Make sure the batteries are in the correct direction as indicated by the engraving on the bottom metal plate inside the battery compartment.

The reference point will not change

The mode & reference button must be held down to change the measuring reference point.

Err 16

The measurement is outside the lasers working range.

MAINTENANCE

Note: The LED light is not replaceable.

- When not in use, the tool should be stored in a dry, frost free location, keep out of children's reach.
- If the housing of the tool requires cleaning, do not use solvents but cloth only.

Note: Ozito Industries will not be responsible for any damage or injuries caused by repair of the tool by an unauthorised person or by mishandling of the tool.

DESCRIPTION OF SYMBOLS

V	Volts	W	Watts
dc/---	Direct current		Read instruction manual
mW	Milliwatt		Regulatory Compliance Mark (RCM)
	Warning		Indoor use only
	Laser Light Laser Radiation		Do not put in the rubbish


BATTERY & LASER SAFETY WARNINGS

THIS MANUAL CONTAINS IMPORTANT SAFETY AND OPERATING INSTRUCTIONS FOR YOUR TOOL AND BATTERY

- DO NOT store or use the tool and battery pack in locations where the temperature may reach or exceed 40°C (such as inside sheds or metal buildings in summer).
- Do not incinerate the battery pack even if it is seriously damaged or is completely worn out. The battery can explode in a fire.

Additional safety instructions for laser lights


The laser light/laser radiation used in this laser unit is Class 2 with maximum 1mW and 650nm wavelengths. These lasers do not normally present an optical hazard, although staring at the beam may cause flash blindness.

 **WARNING!** Do not stare directly at the laser beam. A hazard may exist if you deliberately stare into the beam. Please observe all safety rules as follows:

- The laser shall be used and maintained in accordance with the manufacturer's instructions.
- Never aim the beam at any person or an object other than the work piece.
- The laser beam shall not be deliberately aimed at personnel and shall be prevented from being directed towards the eye of a person for longer than 0.25s.
- Always ensure the laser beam is aimed at a sturdy work piece without reflective surface, i.e. wood or rough coated surfaces are acceptable. Bright shiny reflective sheet steel or the like is not suitable for laser use as the reflective surface could direct the beam back at the operator.
- Do not change the laser light assembly with a different type. Repairs must only be carried out by a power tool repairer.

Caution: Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure. Please refer to the relevant Australian standards, AS 2397 and AS/NZS2211 for more information on Lasers.

GENERAL POWER TOOL SAFETY WARNINGS

 **WARNING!** Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

Save all warnings and instructions for future reference. The term "power tool" in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

1. Work area safety

- a. **Keep work area clean and well lit.** Cluttered or dark areas invite accidents.
- b. **Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.** Power tools create sparks which may ignite the dust or fumes.
- c. **Keep children and bystanders away while operating a power tool.** Distractions can cause you to lose control.

2. Electrical safety

- a. **Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools.** Unmodified plugs and matching outlets will reduce risk of electric shock.
- b. **Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators.** There is an increased risk of electric shock if your body is earthed or grounded.
- c. **Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.
- d. **Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts.** Damaged or entangled cords increase the risk of electric shock.
- e. **When operating a power tool outdoors, use an extension cord suitable for outdoor use.** Use of a cord suitable for outdoor use reduces the risk of electric shock.
- f. **If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply.** Use of an RCD reduces the risk of electric shock.

3. Personal safety

- a. **Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication.** A moment of inattention while operating power tools may result in serious personal injury.
- b. **Use personal protective equipment. Always wear eye protection.** Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
- c. **Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool. Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.**
- d. **Remove any adjusting key or wrench before turning the power tool on.** A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
- e. **Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.

- f. **Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts.** Loose clothes, jewellery or long hair can be caught in moving parts.
- g. **If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.** Use of dust collection can reduce dust-related hazards.

4. Power tool use and care

- a. **Do not force the power tool. Use the correct power tool for your application.** The correct power tool will do the job better and safer at the rate for which it was designed.
- b. **Do not use the power tool if the switch does not turn it on and off.** Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
- c. **Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.** Such preventive safety measures reduce the risk of starting the power tool accidentally.
- d. **Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.** Power tools are dangerous in the hands of untrained users.
- e. **Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use.** Many accidents are caused by poorly maintained power tools.
- f. **Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- g. **Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed.** Use of the power tool for operations different from those intended could result in a hazardous situation.

5. Battery tool use and care

- a. **Recharge only with the charger specified by the manufacturer.** A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
- b. **Use power tools only with specifically designated battery packs.** Use of any other battery packs may create a risk of injury and fire.
- c. **When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another.** Shorting the battery terminals together may cause burns or a fire.
- d. **Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help.** Liquid ejected from the battery may cause irritation or burns.

6. Service

- a. **Have your power tool serviced by a qualified repair person using only identical replacement parts.** This will ensure that the safety of the power tool is maintained.

CARING FOR THE ENVIRONMENT



Power tools that are no longer usable should not be disposed of with household waste but in an environmentally friendly way. Please recycle where facilities exist. Check with your local council authority for recycling advice.



Recycling packaging reduces the need for landfill and raw materials. Reuse of recycled material decreases pollution in the environment. Please recycle packaging where facilities exist. Check with your local council authority for recycling advice.

SPARE PARTS

Spare parts can be ordered from the Special Orders Desk at your local Bunnings Warehouse.

For further information, or any parts not listed here, visit

www.ozito.com.au or contact Ozito Customer Service:

Australia 1800 069 486

New Zealand 0508 069 486

E-mail: enquiries@ozito.com.au