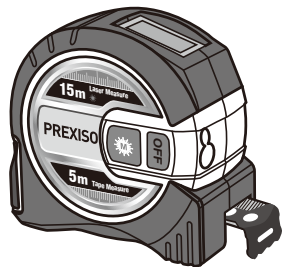


# PREXISO



PLT15

## LASER & TAPE DISTANCE MEASURE



www.prexiso-eu.com

### IMPORTANT SAFETY INSTRUCTIONS



Do not use the product before you have studied the User Manual on the enclosed CD or on our Homepage.

If you have no such manual, or it is in the wrong language, please ask your agency for an appropriate copy.

The product is permitted to use for skilled persons only.



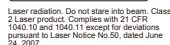
Use of controls or adjustment or performance of procedures other than those specified herein may result in hazardous radiation exposure.



It is a **Class 2** laser product in accordance with IEC 60825-1:2014



1.0mW @ 630-690nm IEC/EN 60825-1:2014



Laser radiation. Do not stare into beam. Class 2 Laser product. Complies with 21 CFR 1040.10 and 1040.11 except for deviations pursuant to Laser Notice No.50, dated June 24, 2007

- Do not attempt to modify the performance of this laser device in any way. This may result in a dangerous exposure to laser radiation.
- Do not operate the tool outdoors.
- Do not attempt to repair or disassemble the laser-measuring tool. If unqualified persons attempt to repair this product, serious injury may occur. Any repair required on this laser product should be performed only by qualified service personnel.
- Do not stare into the laser beam or direct it towards other people unnecessarily.
- Don't dazzle other individuals.
- Looking directly into the beam with optical aids can be hazardous.
- Do not operate the product in explosion hazardous areas or in aggressive environments.
- Only use chargers recommended by the manufacturer to charge the batteries.
- Keep extremities in a safe distance from the moving parts.
- Watch out for erroneous measurements if the product is defective or if it has been dropped or has been misused or modified.
- Carry out periodic test measurements. Particularly before, during and after important measurements.
- The product and batteries must not be disposed of with household waste.

### TECHNICAL DATA

#### General

Range with favourable conditions *	0.5 - 10 m
Range with unfavourable conditions **	0.5 - 8 m
Accuracy with favourable conditions *	± 6 mm
Accuracy with unfavourable conditions **	± 6 mm
Smallest unit displayed	1 mm
Laser class	2
Laser type	620-690 nm, < 1 mW
Power OFF automatically	after 120 s
Continuous measuring	yes
Dimension (H x D x W)	146 x 22 x 22 mm
Batteries	2 x 1.5V (AAA)
Battery service life in measuring operation, approx.	up to 3h
Weight (without batteries)	36.6 g
Temperature range:	
- Storage	14 to 140 °F-10 to 60 °C
- Operation	32 to 104 °F0 to 40 °C

\* Favourable conditions are: white and diffuse reflecting target (white painted wall), low background illumination and moderate temperatures.

\*\* Unfavourable conditions are: targets with lower or higher reflectivity or high background illumination or temperatures at the upper or lower end of the specified temperature range.

\*\*\* Tolerances apply with a confidence level of 95%.



Working safely with the laser tape measurer is possible only when the operating and safety information are read completely and instructions contained therein are strictly followed. Never make warning labels on the measuring tool unrecognizable. SAVE THESE INSTRUCTIONS.

Caution – The use of other operating or adjusting equipment or the application of other processing methods not mentioned herein, can lead to dangerous radiation exposure.



**LASER RADIATION.** Do not stare into beam. Class II laser product. Turn the laser beam on only when using this tool.

- Do not remove or deface any product labels.
- Avoid direct eye exposure. The laser beam can cause flash blindness.
- Do not operate the tool around children or allow children to operate the tool.
- Do not place the tool in a position that may cause anyone to stare at the laser beam, whether intentionally or unintentionally.

- Do not use on bright, shiny reflective surfaces such as sheet steel or similar reflective surfaces. The shiny surface could reflect the beam back toward the operator.
- Always turn the laser tool off when not in use. Leaving the tool on increases the risk of someone inadvertently staring into the laser beam.
- Do not attempt to modify the performance of this laser device in any way. This may result in a dangerous exposure to laser radiation.
- Do not attempt to repair or disassemble the laser-measuring tool. If unqualified persons attempt to repair this product, serious injury may occur. Any repair required on this laser product should be performed only by qualified service personnel.
- Use of other accessories that have been designed for use with other laser tools could result in serious injury.
- Do not operate the tool outdoors.
- Do not place or store tool under extreme temperature conditions.
- Do not operate the tool in explosive environments, such as in the presence of flammable liquids, gases or dusts. Sparks can be created in the tool which may ignite the dust or fumes.
- Keep the tool away from magnetic data medium and magnetically-sensitive equipment. The effect of the magnetic can lead to irreversible data loss.
- Keep the tool away from cardiac pacemakers. The magnet inside the tool generates a field that can impair the function of cardiac pacemakers.

### UNPACKING

When unpacking the box, do not discard any packing materials until all of the contents are accounted for:

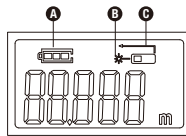
- Laser tape measure
  - 2 x AAA alkaline batteries
  - Operator's manual
- Carefully lift the laser tape measurer out of the box and place it on a stable, flat surface.

### DESCRIPTION

#### KNOW YOUR LASER TAPE MEASURER

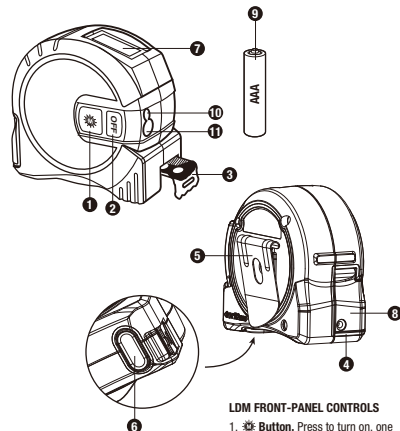
The laser tape measure is an accurate measuring tool for fast, easy operation:

- Measures distances from 0.25-15 m with an accuracy of ± 6 mm. (Measure distance < 0.25 m, please use the tape measure).
- Two buttons design, easy to use.
- AAA alkaline batteries.



#### LCD DISPLAY ICONS

- A** Battery indicator
- B** Laser beam indicator
- C** Indicates that the measurement is taken from the bottom of the tool



#### LDM FRONT-PANEL CONTROLS

- Button.** Press to turn on, one more press to measure. Press and hold 3 seconds to change single measuring model to continuous measuring model.
- OFF Button.** long press for 3 seconds to turn off the tool.

PARTS	DESCRIPTION
1	Button
2	OFF
3	Tape measure blade tip
4	Reference point
5	Belt clip
6	Blade lock button
7	LCD display
8	Battery lid
9	AAA alkaline batteries
10	Laser beam outlet
11	Reception lens

### ASSEMBLY

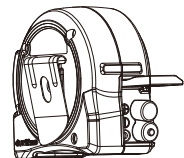
#### INSERTING/REPLACING THE BATTERY

2 pcs AAA alkaline batteries are recommended for the measuring tool.

To open battery lid, press the latch and remove the battery lid. Insert both batteries (9). Pay careful attention to the correct polarity indicated inside battery compartment.

It is recommended to replace batteries at the same time. Only use batteries from same brand and with identical capacity.

**NOTE:** Remove the batteries from the measuring tool when not using it for extended periods. When storing for extended periods, the batteries can corrode and discharge themselves.



### OPERATION INSTRUCTION

#### TO TURN THE LASER TAPE MEASUREER ON, MEASURE AND TURN OFF

- Press **Button** to turn on the tool and the laser beam will be shot out and ready for measuring.
  - Press **Button** again to measure, and the measuring result will be displayed while laser beam off.
- After long pressing **Button** for 3 seconds, the measure mode will be changed to continuous measure mode.
- Press (OFF) for 3 seconds, the laser tape will be turned off.
- NOTE:** When the laser tape measure is inactive for 180 seconds, it will be turned off automatically for saving battery power.

### CARE AND MAINTENANCE

This laser tape measurer has been designed to be a low-maintenance tool. However, in order to maintain its performance, you must always follow these simple directions:

- Avoid exposing the tool to shock, continuous vibration or extreme hot or cold temperature
- Always store the tool indoors.
- Always keep the tool free of dust and liquids. Use only a clean soft cloth for cleaning. If necessary, slightly moisten the cloths with pure alcohol or a little water.
- Do not disassemble the laser tape measure, this will expose the user to hazardous radiation exposure.
- Do not attempt to change any part of the laser lens.

### TROUBLESHOOTING

#### POTENTIAL ISSUE TABLE

ISSUE	CAUSE	ACTION
Failure to switch on	Hardware protection after shocking	Take out batteries and insert again
	Low battery	Replace with new batteries
	Insufficient On/Measure/Units button press	Press the On/Measure/Units button firmly
All dashes shows on display	Beam is moved too fast	Move the measuring tool slowly
	The object is out of rated range	Measure within rated range
	Received signal too weak/Measuring time too long	Change target surface (e.g. white paper)
	Received signal too strong (target is too reflective)	Change target surface (e.g. white paper)
	Ambient light is too strong	Shadow target area

### WARRANTY INFORMATION

The Prexiso PLT15 has a one-year warranty. For further information on this, contact your dealer.

This warranty is void if product is used for commercial purposes. This warranty is not transferable and does not cover products damaged by misuse, neglect, accident, alterations or use and maintenance other than that specified in the owner's manual. This warranty does not apply to any expendable parts that can wear from normal use. This warranty excludes any accessories.