



Laserliner DistanceMaster Compact Laser Range Finder Reading Range Instruction Manual

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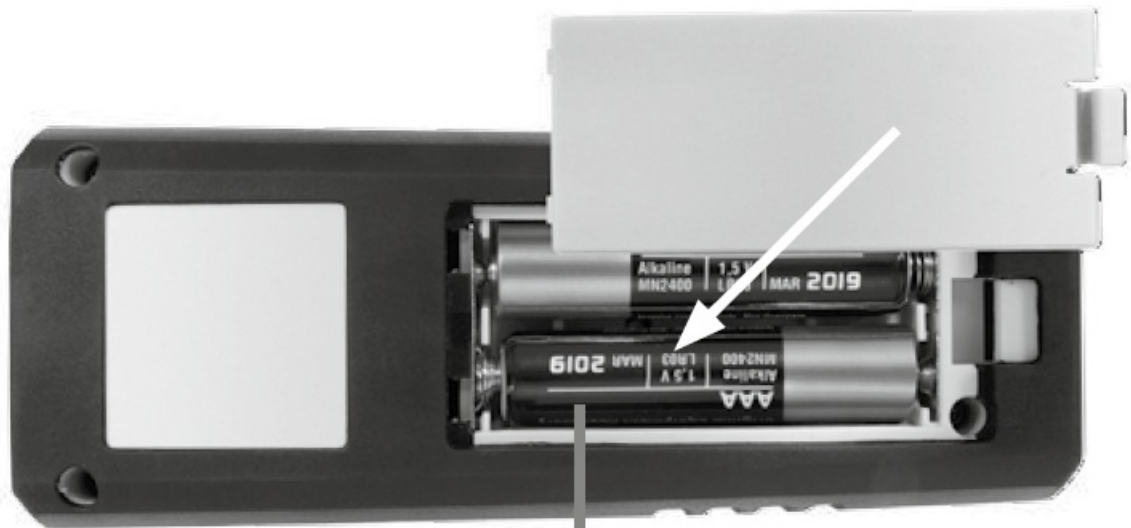
Laserliner

Laserliner DistanceMaster Compact Laser Range Finder Reading Range

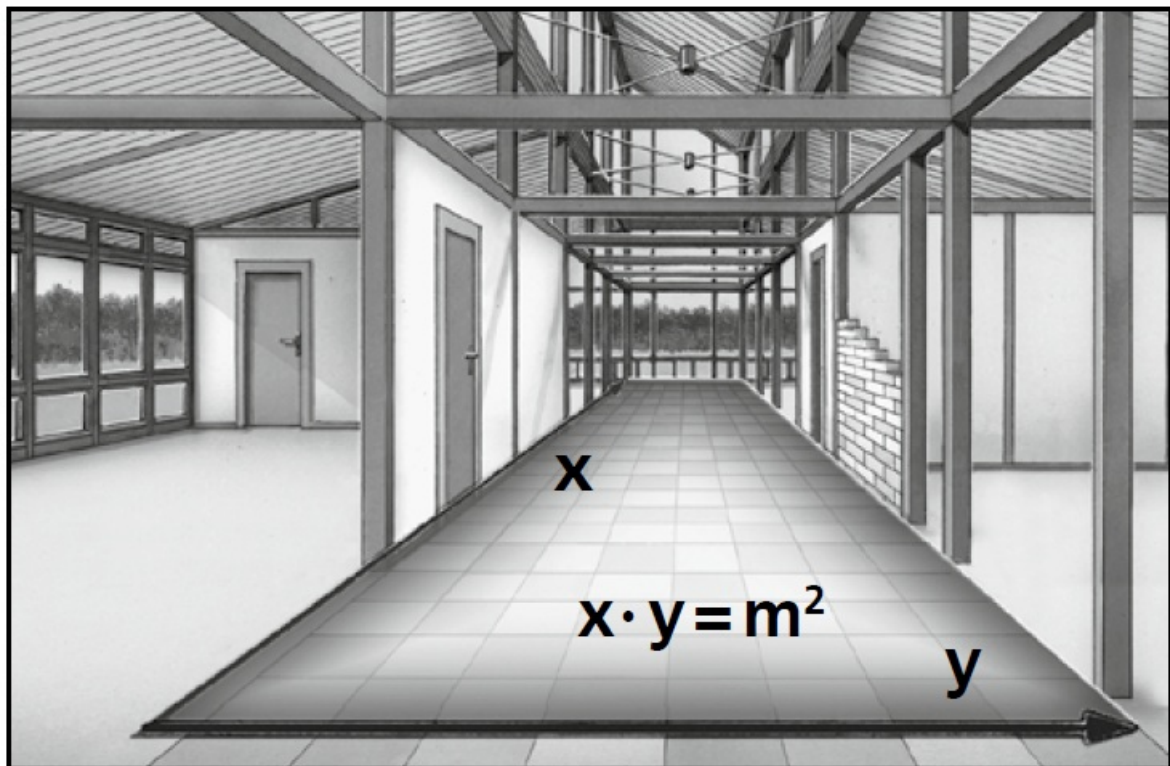


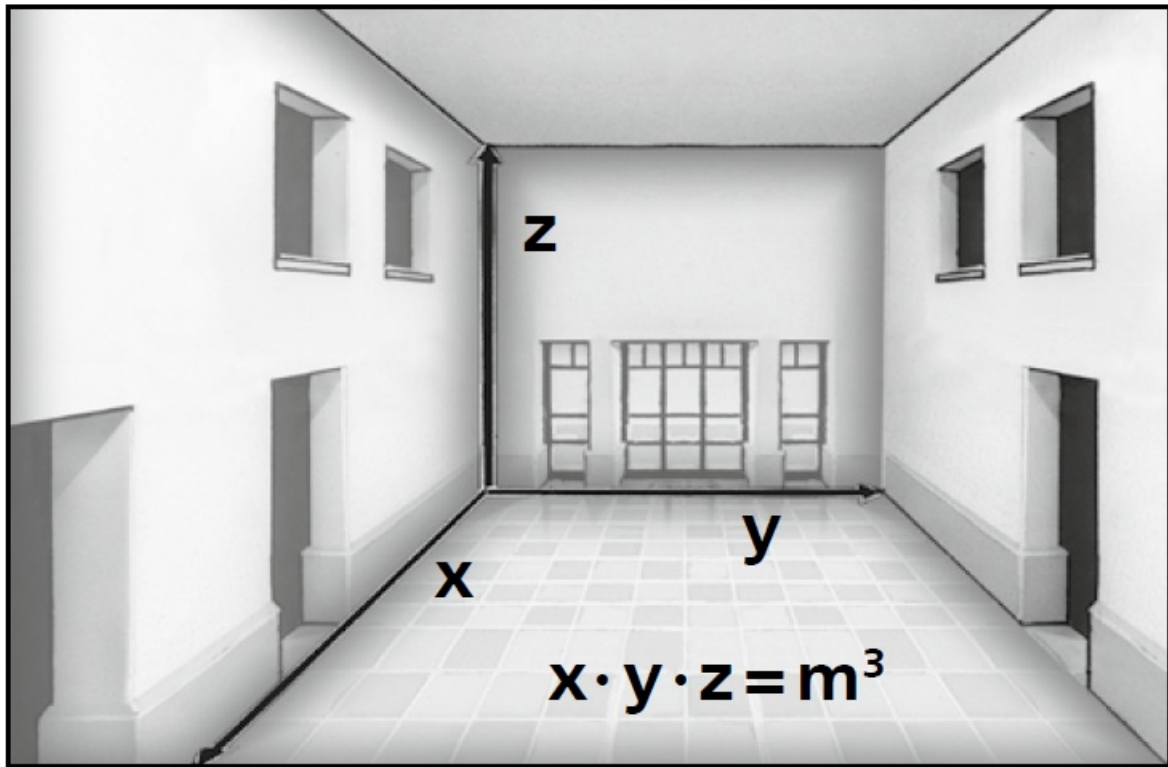
Instruction





2 x Typ AAA / LR03
1,5V / Alkaline

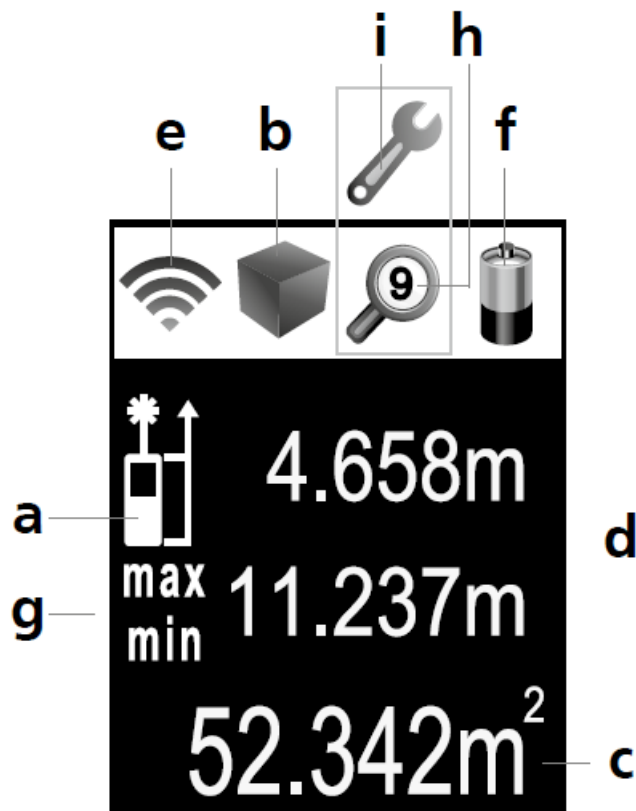




Read the operating instructions and the enclosed brochure „Guarantee and additional notices“ completely. Follow the instructions they contain. This document must be kept in a safe place and if the laser device is passed on, this document must be passed on with it.

Compact laser distance meter for measuring length, area and volume indoors

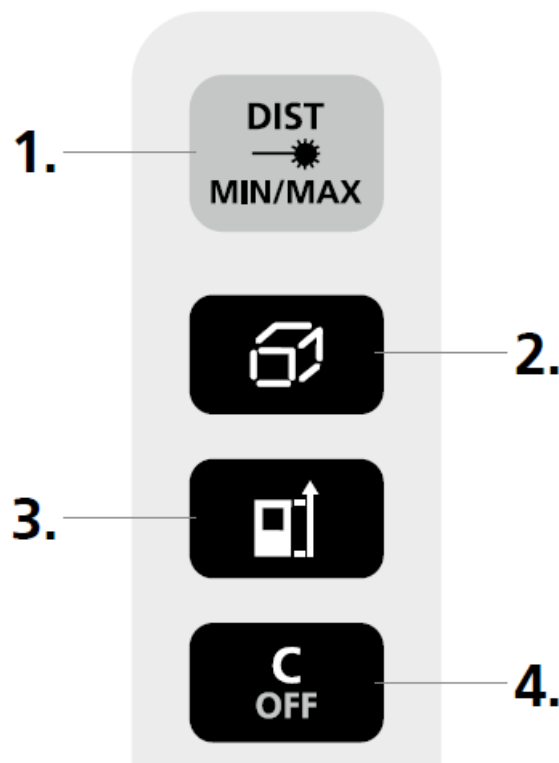
DISPLAY



- Measurement point (reference) rear / front

- Display length / area / volume
- Measurement values / Measurement results Unit m / ft / inch / _ ' _"
- Intermediate values / min/max values
- The bar diagram shows how well suited the reflection surface is for measurement. This is particularly useful for measuring over long distances, dark surfaces or bright ambient light.
- Battery symbol min/max continuous measurement
- Memory
- Malfunction / service required

KEYPAD



1. ON / Measure / min/max continuous measurement
2. length, area, volume / Memory
3. Measurement point (reference) rear / front / Unit of measure m / ft / inch / _ ' _"
4. OFF / delete last measurement values

General safety instructions

Laser radiation!

Do not stare into the beam! Class 2 laser

< 1 mW · 650 nm

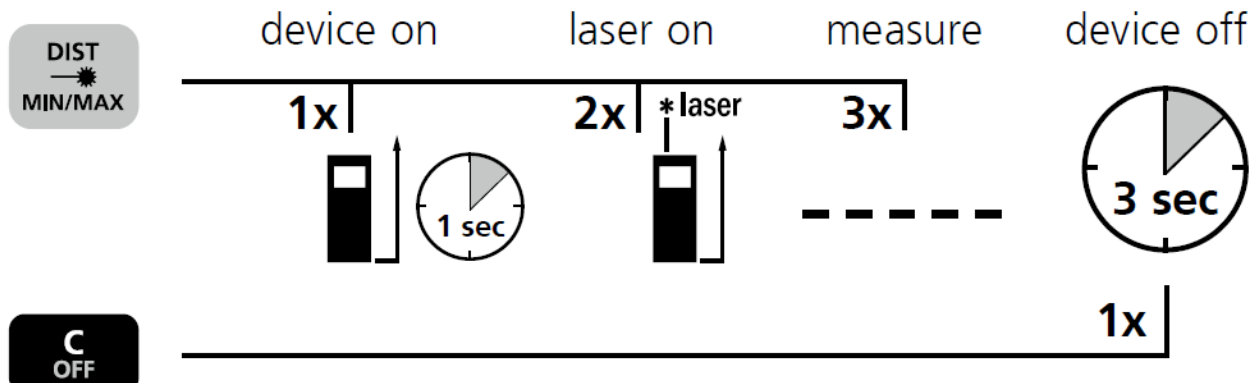
EN 60825-1:2014

- Attention: Do not look into the direct or reflected beam.
- The laser may not get into the hands of children!
- Do not point the laser beam towards persons.
- If a person's eyes are exposed to class 2 laser radiation, they should shut their eyes and immediately move

away from the beam.

- Do not expose the device to mechanical stress, extreme temperatures, moisture or significant vibration.
- The device must only be used in accordance with its intended purpose and within the scope of the specifications. Modifications or changes to the device are not permitted, this will otherwise invalidate the approval and safety specifications.
- The measuring device is equipped with a wireless interface. Local operating restrictions, e.g. in hospitals or aircraft may apply.

Switch on, measure and switch off:



Change unit of measure:

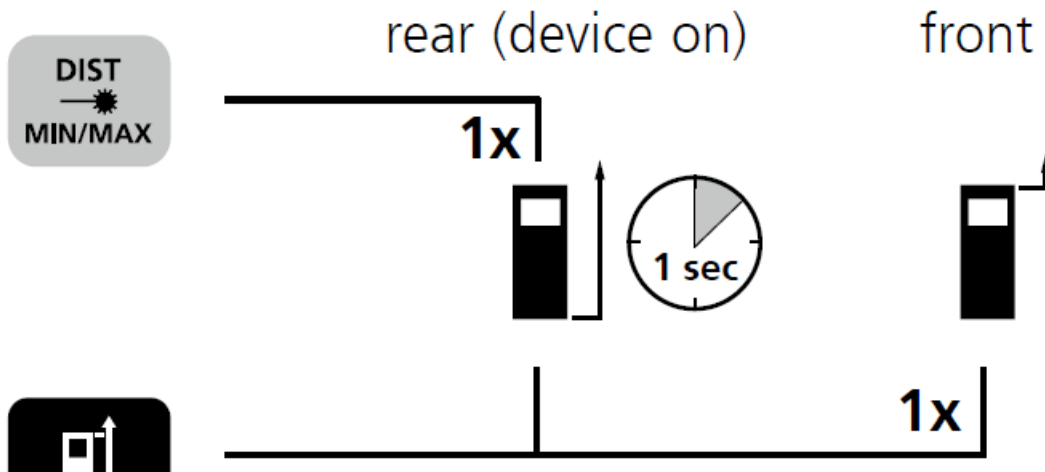
m / ft / inch / _ ' _ "



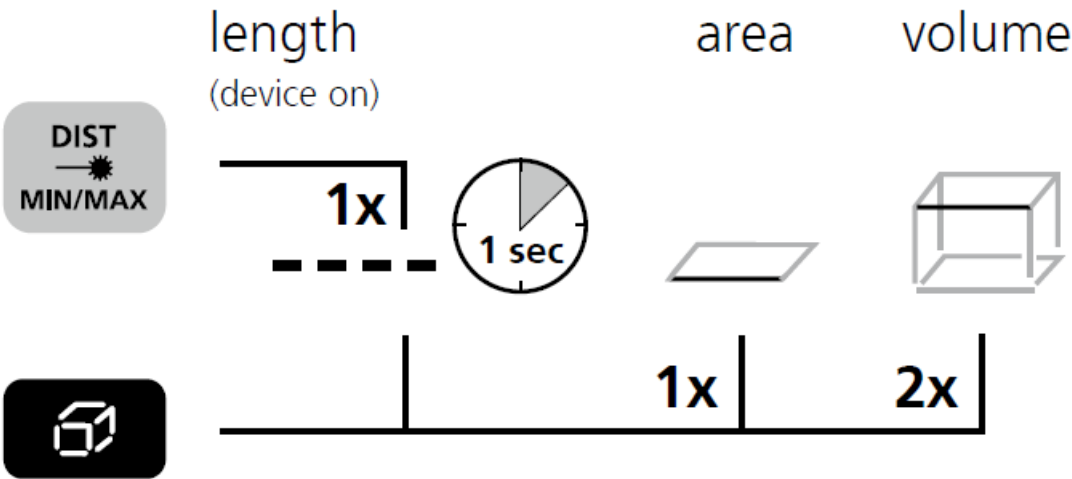
Delete the last measured value:



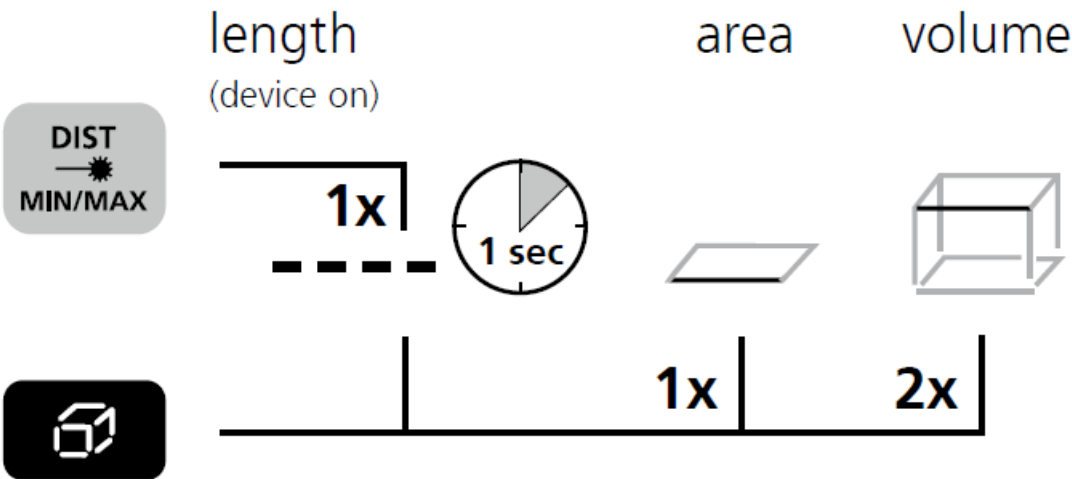
Change measurement point (reference):



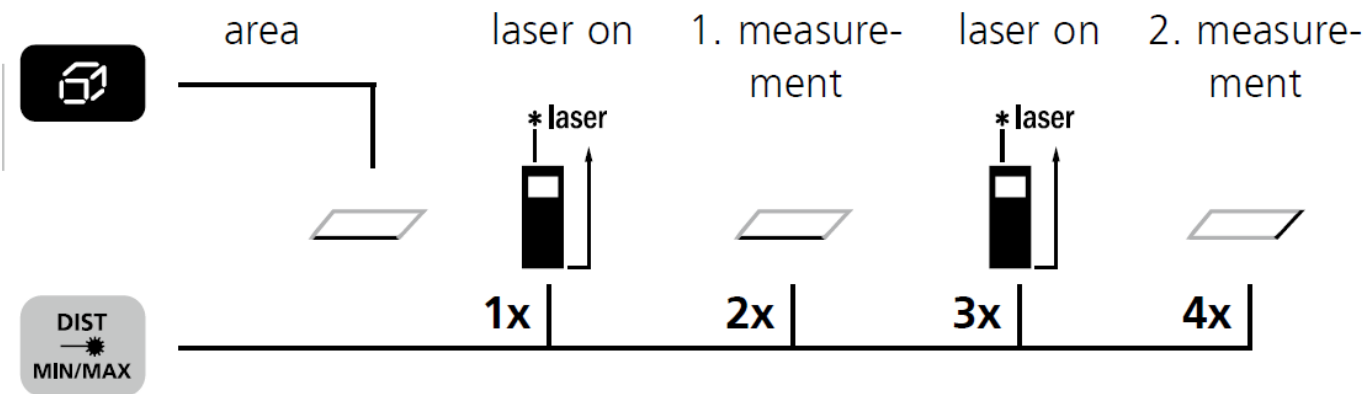
Change measurement function:



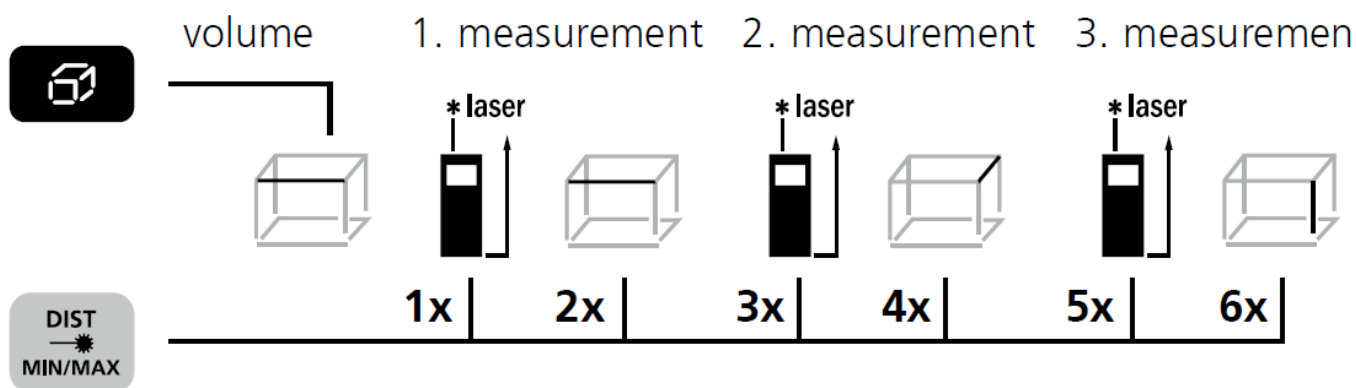
Length measurement:



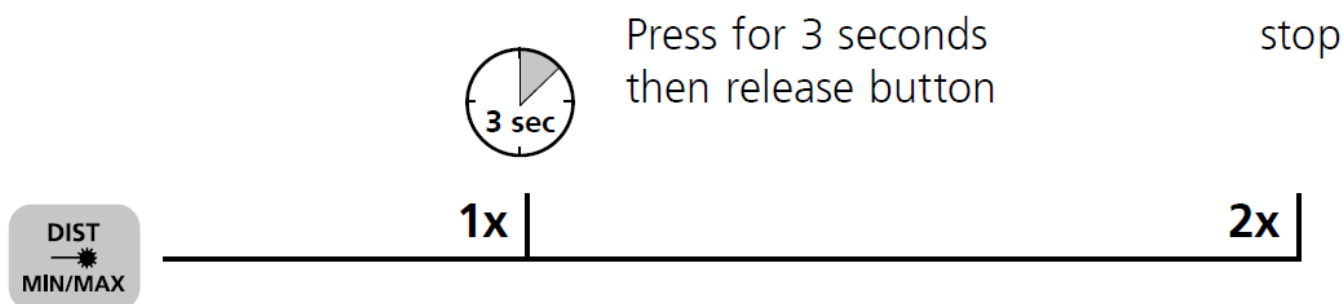
Area measurement:



Volume measurement:

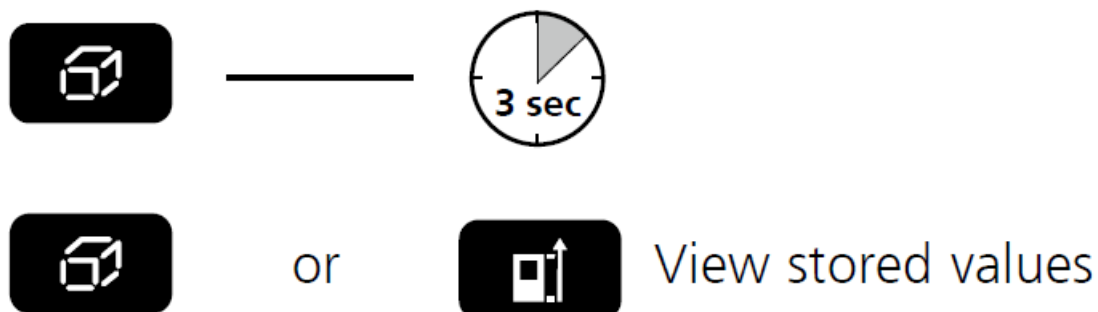


min/max continuous measurement:



The LC display shows the max value, the min value and the current value.

Memory function:



Error codes:

- Err101: Replace the battery
- Err104: Calculation error
- Err152: Temperature is too high: $> 40^{\circ}\text{C}$
- Err153: Temperature is too low: $< 0^{\circ}\text{C}$
- Err154: Outside the measuring range
- Err155: Received signal too weak
- Err156: Received signal too strong
- Err157: Incorrect measurement or background is too bright
- Err160: The device is moving too much to measure.

Important notices

- The laser points to the location that will be measured.
No objects may get into the laser's line of measurement.
- The device compensates the measurement for different room temperatures. Therefore allow the device a brief adaptation period when changing locations with large temperature differences.
- The device is only conditionally useable in outdoor areas and cannot be used in strong sunlight.
- The measurement results of outdoor measurements may be influenced or falsified by rain, fog and snow.
- In unfavourable conditions, e.g. with poorly reflecting surfaces, the maximum deviation may be greater than 3 mm.
- Carpeting, upholstery or curtains will not reflect the laser optimally. Measure to flat surfaces.
- Measurements made through glass (window panes) can falsify measurement results.
- An energy-saving function switches the device off automatically.
- Clean with a soft cloth. Water may not be allowed to penetrate the housing.

Technical Data

Technical Data (Subject to technical changes without notice)	
Inside measurement range	0,1 m – 25 m
Precision (typical)*	± 2 mm / 10 m
Laser class	2 < 1 mW
Laser wavelength	650 nm
Power supply	2 x AAA 1.5 Volt batteries
Dimensions (W x H x D)	43 x 110 x 27 mm
Weight (incl. batteries)	100 g
Automatic switch-off	30 sec laser / 3 min device
Operating temperature	-10°C – 40°C
Storage temperature	-20°C – 70°C

* measuring distance up to 10 m with strongly reflective target surface and at room temperature. The measurement deviation may increase by +/-0.2 mm/m for weakly reflective target surfaces.

EU directives and disposal

This device complies with all necessary standards for the free movement of goods within the EU.

This product is an electric device and must be collected separately for disposal according to the European Directive on waste electrical and electronic equipment.


Further safety and supplementary notices at: www.laserliner.com/info





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Documents / Resources

	<p>Laserliner DistanceMaster Compact Laser Range Finder Reading Range [pdf] Instruction Manual</p> <p>DistanceMaster Compact Laser Range Finder Reading Range, DistanceMaster Compact, Laser Range Finder Reading Range, Finder Reading Range, Reading Range, Range</p>
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References

-  [Home](#)
-  [Info - Laserliner](#)