

Laserliner Pocket Pro



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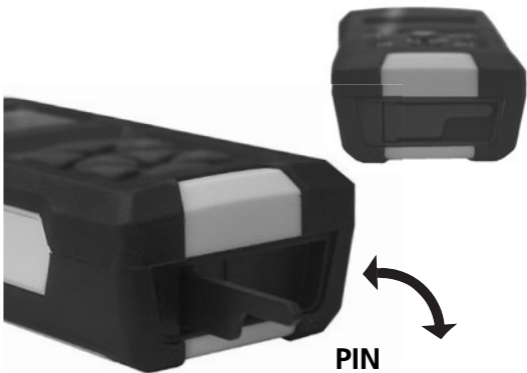
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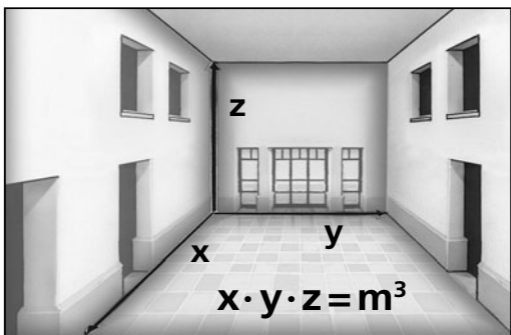
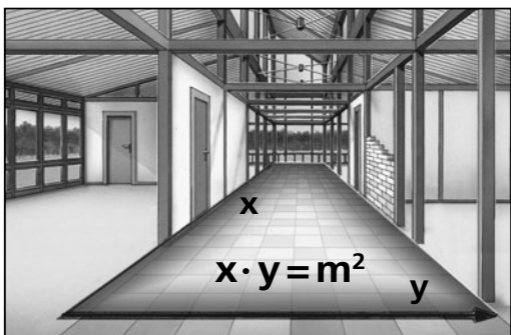
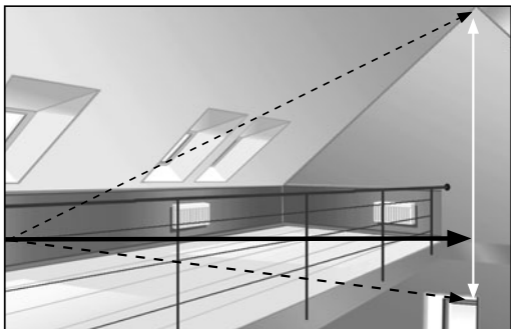
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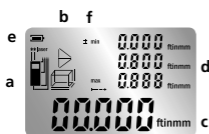
LaserRangeMaster Pocket Pro



LaserRangeMaster Pocket Pro



Read the operating instructions and the enclosed brochure „Guarantee and additional notices“ completely. Follow the instructions they contain. Safely keep these documents for future reference.



DISPLAY:

- a Measurement point (reference)
rear / tripod / front / pin
- b Display length, area / volume /
Pythagoras 1 / Pythagoras 2
- c Measurement values /
Measurement results
Unit m/mm/ft/inch
- d Intermediate values / min/max values
- e Battery symbol
- f min / max measurement



KEYPAD:

- 1. Measure / Continuous measurement
- 2. min / max continuous measurement
- 3. length, area, volume, Pythagoras
- 4. Unit of measure m/mm/ft/inch
- 5. ON/OFF
- 6. Measurement point (reference)
rear / tripod / front / pin
- 7. addition / subtraction of
lengths, areas, volumes
- 8. delete last measurement values



Laser radiation!
Do not stare into the beam!
Class 2 laser
< 1 mW · 635 nm
EN 60825-1:2007-10

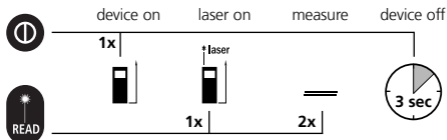


Do not look directly into the beam. Lasers must be kept out of reach of children. Never intentionally aim the device at people.

Continuous measurement:

Use the ON/OFF button (5) to turn the device on and press the READ button (1) for about 4 seconds. The device now measures continuously and displays the smallest value (min), the largest value (max) and the current value. Another brief press of the READ button (1) will interrupt continuous measurement or restart it again.

Switch on, measure and switch off:



Change unit of measure:

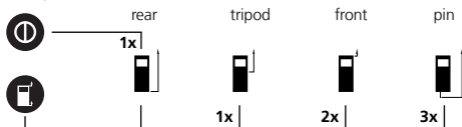
m / mm / ft / inch



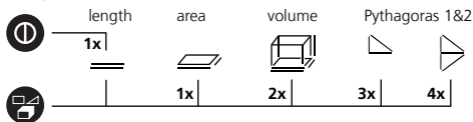
Delete the last measured value:



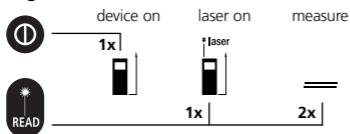
Change measurement point (reference):



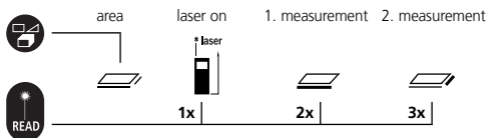
Change measurement function:



Length measurement:

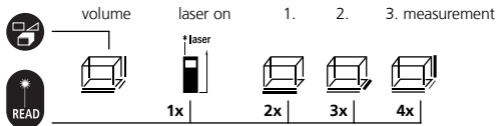


Area measurement:

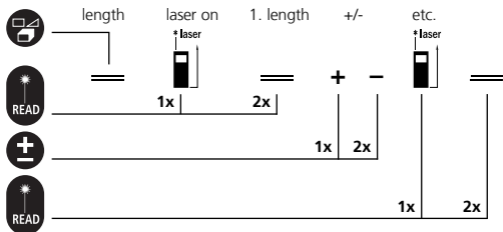


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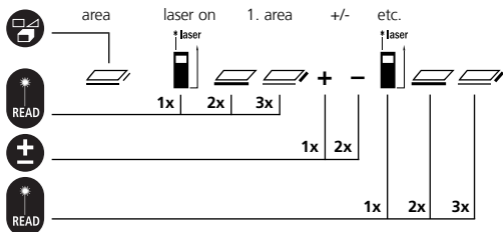
Volume measurement:



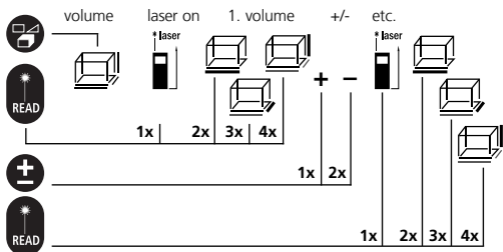
Addition and subtraction of lengths:



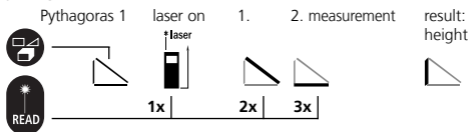
Area calculation:



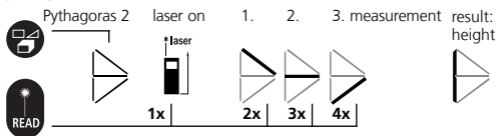
Volume calculation:



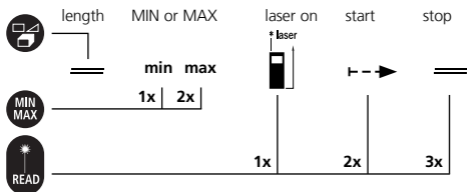
Pythagoras function 1:



Pythagoras function 2:

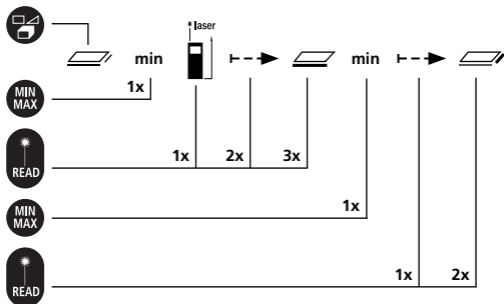


MIN / MAX function:



Note: The MIN / MAX function can be used to find the shortest or longest distance. MIN is used to determine verticals and horizontals, MAX is used to determine diagonals. This function can also be used for area and volume measurements as well as for the Pythagoras function (see example below).

Example: MIN / MAX function for areas:



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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 device 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.

Technical data: (Subject to technical change without notice 01.2011)

Inside measurement range	0,3 m - 60 m
Accuracy	± 2 mm
Laser class	2 < 1mW
Laser wavelength	635 nm
Power supply	4 x AAA 1,5 Volt batteries
Dimensions	112 x 59 x 35 mm
Weight	190 g
Auto switch-off	20 s for laser / 5 min for device
Operating temperature	0°C – 40°C
Storage temperature	-20°C – 70°C
Article number	080.943A

Error codes:

- Err001: Too much ambient light.
- Err002: The target is too far away.
- Err003: Target is too dark or too much ambient light.
Use a reflecting material as target for the measurement.
- Err004: Temperature is too high: > 40 °C.
- Err005: Temperature is too low: < 0 °C
- Err006: Replace the battery.
- Err007: The device is moving too much to measure.
- Err008: Pythagoras parameter error: The hypotenuse is shorter as one side of a right triangle.

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SERVICE



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080.943A / Rev.0111

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