

LaserRange-Master X2



 Laser
650 nm

Laserliner[®]
Innovation in Tools

DE 04

GB 10

NL 16

DK 22

FR 28

ES 34

IT 40

PL 46

FI 52

PT 58

SE 64

NO

TR

RU

UA

CZ

EE

LV

LT

RO

BG

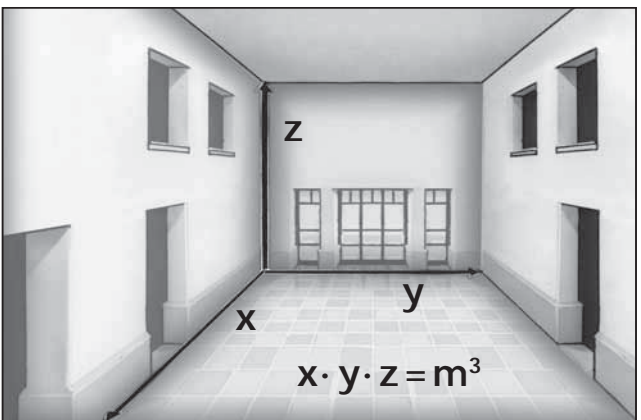
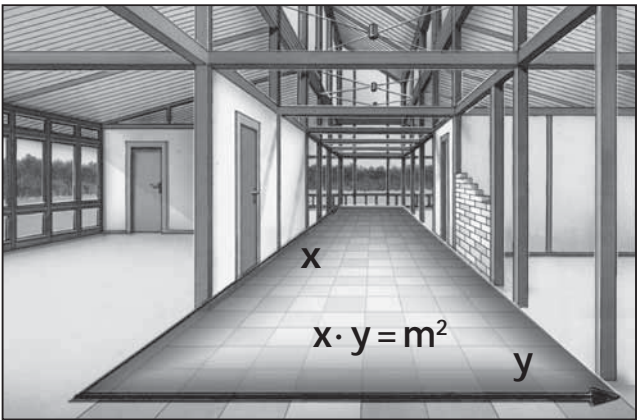
GR



Laser

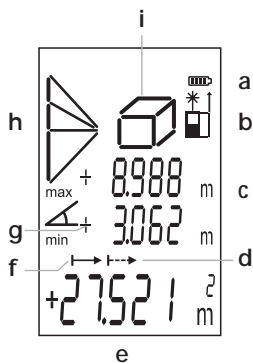


LaserRange-Master X2



! 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.

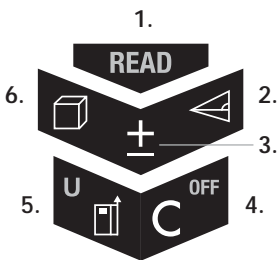
Compact laser distance meter for measuring length, area and volume



DISPLAY:

- a Battery charge level
- b Reference - rear, front / laser active
- c Intermediate values / min, max values / angle at Pythagoras 1 in 2nd line
- d Continuous measurement indicator
- e Measured values / measurement results
Units: m / _' _" / inch / ft
- f Length measurement display
- g Addition / subtraction display
- h Pythagoras 1, 2, 3
- i Area / area addition / volume

KEYPAD:



1. Device on / laser active / measure / continuous measurement
2. Pythagoras 1, 2, 3
3. Addition / subtraction of lengths
4. delete last measurement values / device off
5. Reference - rear, front / change unit of measure: m / _' _" / inch / ft
6. Area / area addition / volume / length

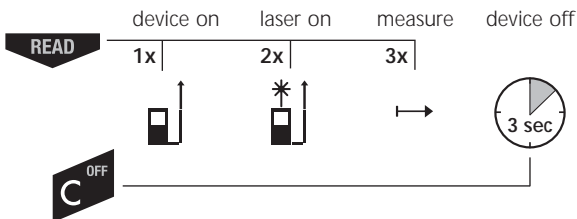


Laser radiation!
Do not stare into the beam!
Class 2 laser
< 1 mW · 650 nm
EN 60825-1:2007-10

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

LaserRange-Master X2

Switch on, measure and switch off:



Change unit of measure:

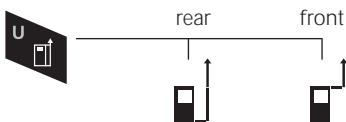
Press and hold button:
m / ' ' " / inch / ft



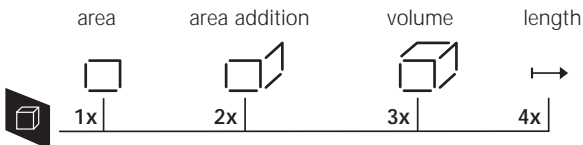
Delete the last measured value:



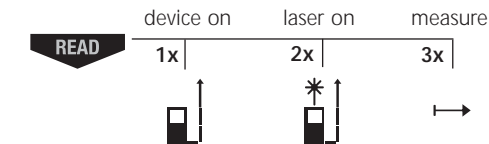
Change measurement point (reference):



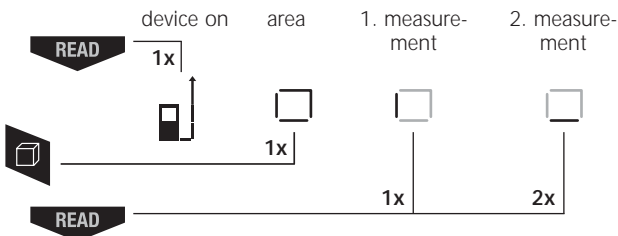
Change measurement function:



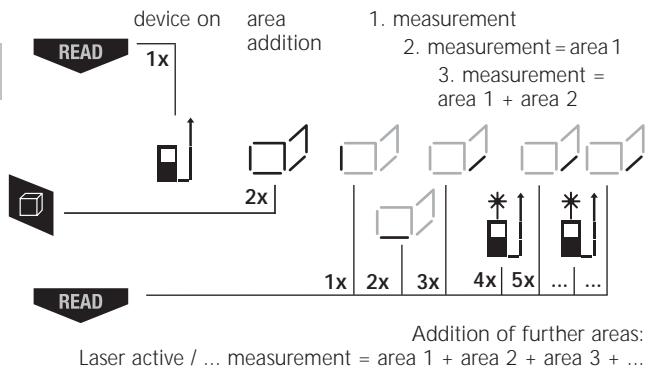
Length measurement:



Area measurement:

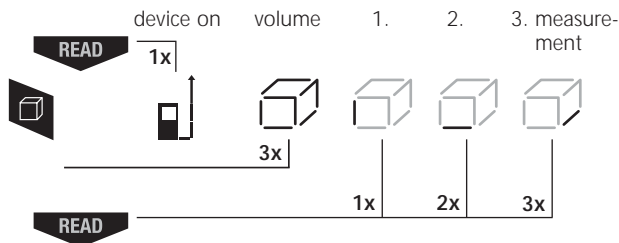


Area addition:

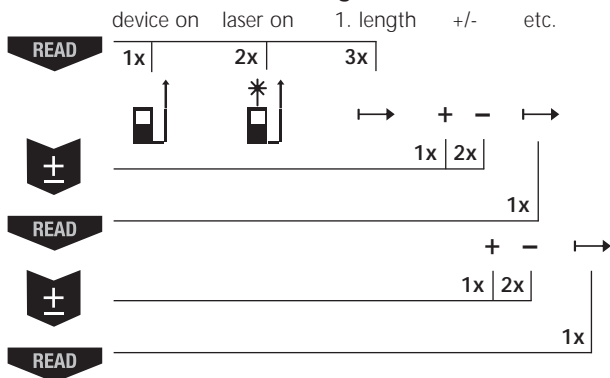


! Linked wall areas are added here. When adding areas, only the length needs to be measured as from the 3rd measurement. The value from the 1st measurement is always used as the height.

Volume measurement:

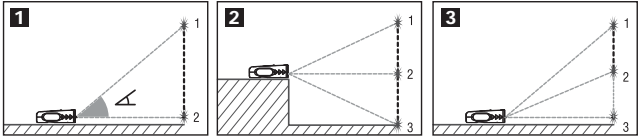


Addition and subtraction of lengths:

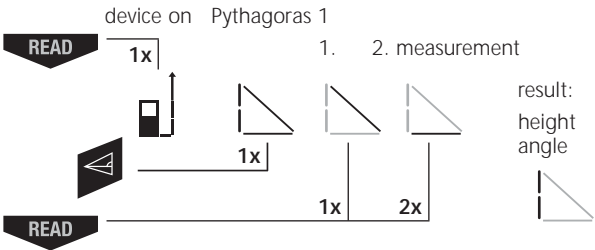


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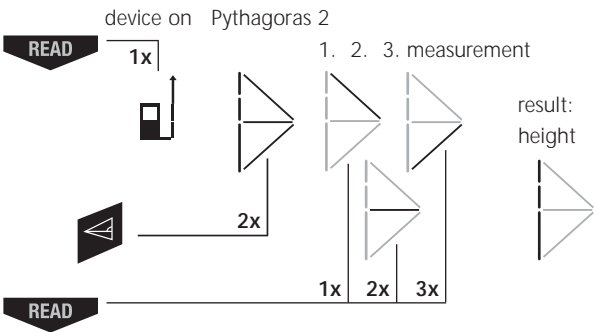
Pythagoras functions 1, 2, 3:



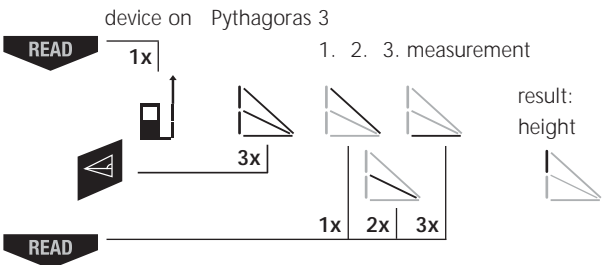
Pythagoras function 1:



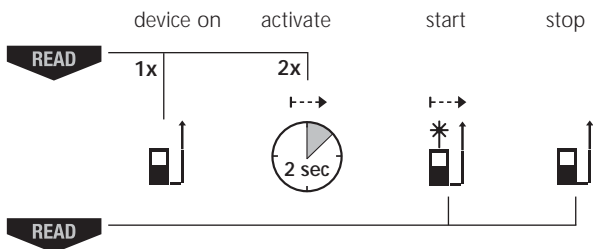
Pythagoras function 2:



Pythagoras function 3:

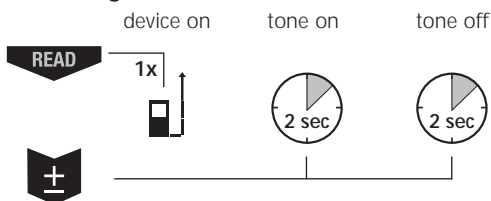


Continuous measurement / min/max values:



! A signal sounds at 1 second interval during the measurement. The LC display shows the max value, the min value and the current value. The max value is required to determine diagonals while the min value is used to determine verticals and horizontals.

Switch signal tone on/off:



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.
- 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.
- The batteries must be replaced when the battery symbol (a) starts to flash.

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Technical Data (Subject to technical changes without notice)

| | |
|--------------------------|--|
| Inside measurement range | 0,5 m - 25 m |
| Precision (typical) | ± 3 mm / 10 m* |
| Laser class | 2 < 1mW |
| Laser wavelength | 650 nm |
| Power supply | 2 x AAA 1.5 Volt batteries |
| Dimensions | 110 x 43 x 28 mm |
| Weight (incl. batteries) | 110 g |
| Automatic switch-off | 30 sec LCD lighting / 45 sec laser / 3 min device |
| Operating temperature | 0°C – 40°C |
| Storage temperature | -20°C – 70°C |
| Article number | 080.944A |

* 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 greater distances and under unfavourable measuring conditions such as strong sunlight or weakly reflective target surfaces.

Error codes:

- 301: Target is outside measuring range.
- 302: Target is too dark or too much ambient light. Use a reflecting material as target for the measurement.
- 303: Measured value cannot be shown by LC display.
Set measured values to zero with button (4.).
- 304: Pythagoras parameter error
- 305: Replace the battery.
- 306: Temperature is too low: < 0 °C
- 307: Temperature is too high: > 40 °C
- 308: Too much ambient light.

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



LaserRange-Master X2



SERVICE



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Rev.0911

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