

DistanceMaster 60



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

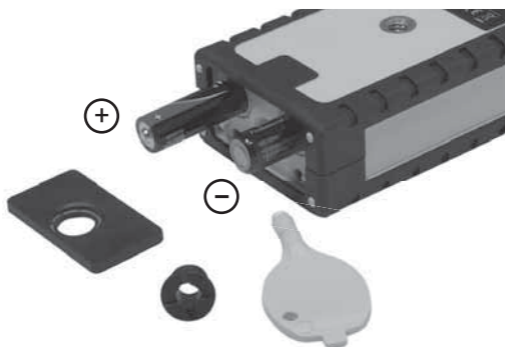
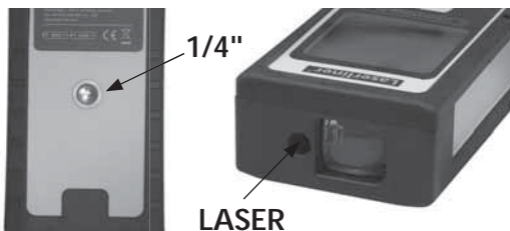
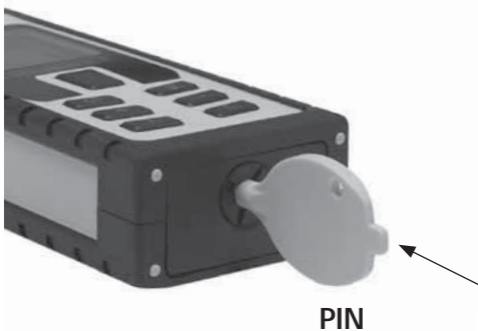
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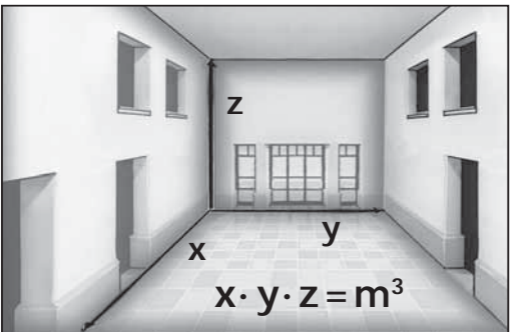
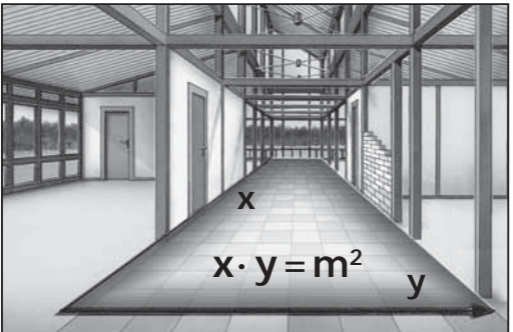
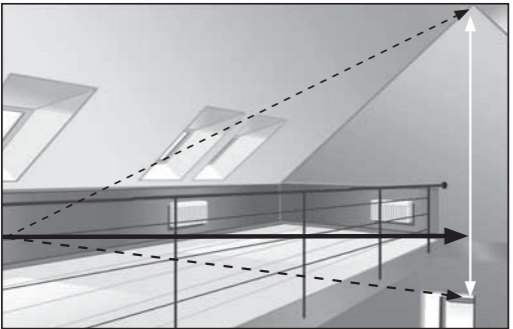
LT

RO

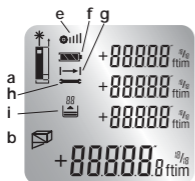
BG

GR





! 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 / pin / front / tripod
- b Display length / area / volume /
Pythagoras 1 / Pythagoras 2
- c Measurement values / Measurement results
Unit m/ft/inch/_'_' / Small number 1/10 mm
- d Intermediate values / min/max values
- e 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.
- f Battery symbol
- g min/max continuous measurement /
Reference measurement
- h Malfunction / service required
- i Memory

1.



KEYPAD:



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

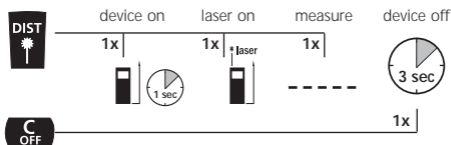


Laser radiation!
Do not stare into the beam!
Class 2 laser
< 1 mW · 635 nm
EN 60825-1:2007-10

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

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Switch on, measure and switch off:



Change unit of measure:

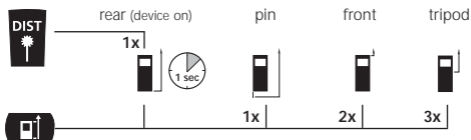
m / ft / inch / ' _ ' _ "



Delete the last measured value:

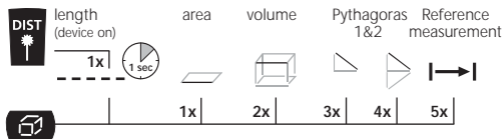


Change measurement point (reference):



To ensure correct measurements plug in pin so that it clicks into position!

Change measurement function:



Length measurement:

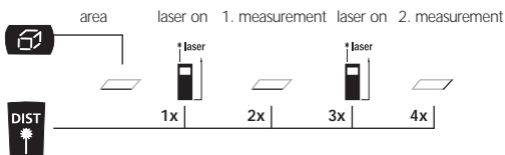


Memory function:

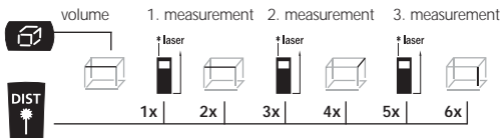
C OFF 1x Reset device to switch-on state

+ or **-** View stored values

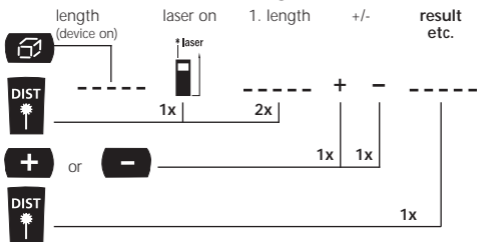
Area measurement:



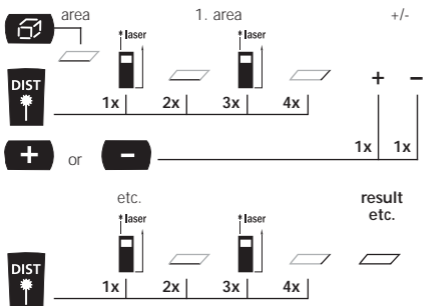
Volume measurement:



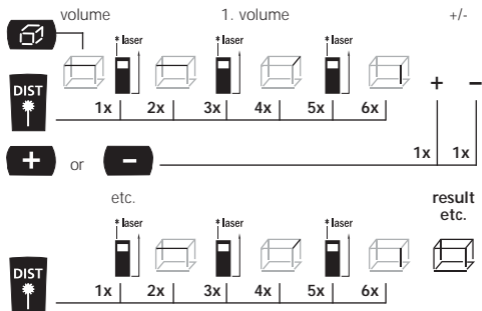
Addition and subtraction of lengths:



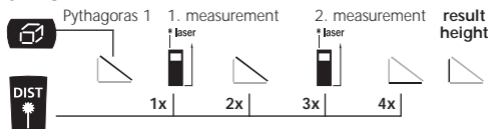
Area calculation:



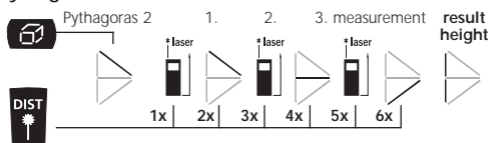
Volume calculation:



Pythagoras function 1:

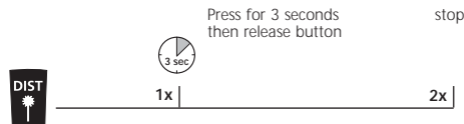


Pythagoras function 2:



The 2nd measurement takes place with automatic Min/Max function.

min/max continuous measurement:



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

Reference measurement:

Reference length



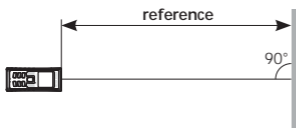
1a. Number selection



1b. Number set-up



2. Define reference value



3. Now move the laser forward and back.

4. Rapid beeping: Reference value reached.
Slow beeping: Reference value almost reached.



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: (Subject to technical change without notice)

Inside measurement range	0,05 m - 60 m
Precision (typical)*	± 1,5 mm
Laser class	2 < 1mW
Laser wavelength	635 nm
Power supply	2 x AAA 1,5 Volt batteries
Dimensions	124 x 51 x 27 mm
Weight (incl. batteries)	217 g
Auto switch-off	28 s for laser / 2,45 min for device
Operating temperature	-10°C – 40°C
Storage temperature	-20°C – 70°C
Article number	080.946A

* 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:

Err101: Replace the battery

Err104: Calculation error

Err152: Temperature is too high: > 40°C

Err154: Temperature is too low: < 0°C

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.

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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SERVICE



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080.946A / Rev.0612

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