



**HIGH
SPEED**

IP 66



magnetic

Laserliner

DE 02

EN 09

NL 16

DA 23

FR 30

ES 37

IT 44

PL 51

FI 58

PT 65

SV

NO

TR

RU

UK

CS

ET

RO

BG

EL



Completely read through the operating instructions, the „Warranty and Additional Information“ booklet as well as the latest information under the internet link at the end of these instructions. Follow the instructions they contain. This document must be kept in a safe place and passed on together with the device.



Function / application

High-performance laser receiver with extremely large receiving range for red and green rotary lasers

- Receives information on the height which is shown on LC displays at front and rear and by three bright LEDs to the front
- Beep acts as acoustic signal
- LC displays show the height difference to the laser level and graphically using arrows and the central line as well as numerically

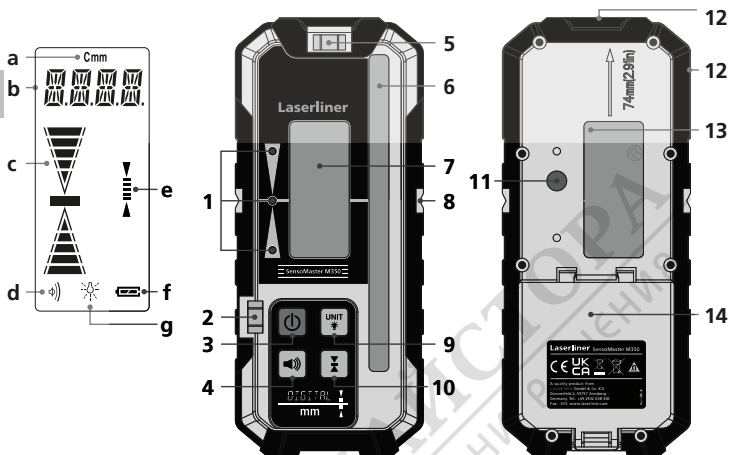
General safety instructions

- The device must only be used in accordance with its intended purpose and within the scope of the specifications.
- The measuring tools and accessories are not toys. Keep out of reach of children.
- The structure of the device must not be modified in any way.
- Do not expose the device to mechanical stress, extreme temperatures or significant vibration.
- The device must no longer be used if one or more of its functions fail or the battery charge is weak.
- Risk of pinching! Do not reach into the clamping bracket!

Safety instructions

Dealing with electromagnetic radiation

- The measuring device complies with electromagnetic compatibility regulations and limit values in accordance with EMC-Directive 2014/30/EU.
- Local operating restrictions – for example, in hospitals, aircraft, petrol stations or in the vicinity of people with pacemakers – may apply. Electronic devices can potentially cause hazards or interference or be subject to hazards or interference.



- a** Unit cm / mm
- b** Numeric elevation
- c** Grade indication arrows:
Hand-held receiver below,
precisely on or above laser level
- d** Loudspeaker beep indicator
- e** Accuracy (deadband) indicator
- f** Low battery indicator
- g** Backlighting ON/OFF
- 1** Green LED: Precisely on laser level
Red LEDs: Hand-held receiver
above or below laser level
- 2** Vertical vial
- 3** ON/OFF button
- 4** Loudspeaker beep
- 5** Horizontal vial
- 6** Receiver field for laser beam
- 7** LC display
- 8** All-round marking groove
- 9** Convert unit cm / mm;
Backlighting ON/OFF
- 10** Accuracy
- 11** Threaded hole for locating
the universal retainer
- 12** Magnets
- 13** LC display (rear side)
- 14** Battery compartment

Special product features and functions

HIGH SPEED

The receiver speeds up response times - rapid detection accelerates work rates.



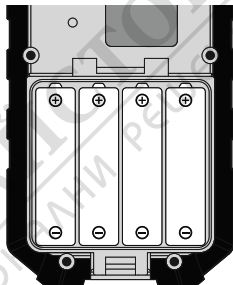
For many measuring tools, the key to optimum working is magnetic adhesion. This leaves the hands free to complete other tasks.



Protection against dust and water – The laser receiver is exceptionally well protected against dust and rain.

1 Insertion of batteries

Open the battery compartment and insert batteries according to the symbols. Be sure to pay attention to polarity.



2 ON/OFF



ON



OFF

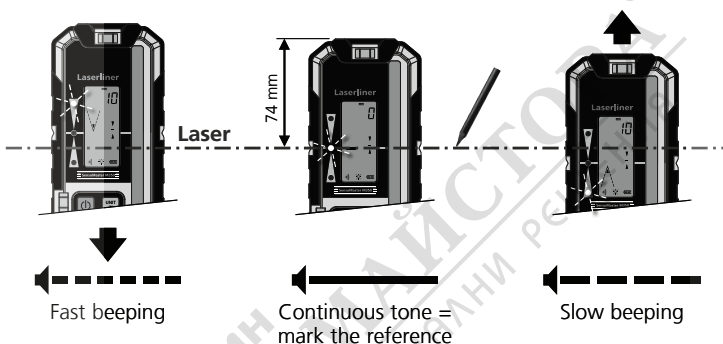


In order to preserve the battery life, the receiver switches off automatically if it is not used for around 15 minutes.

3 Working with the laser receiver

Set the rotary laser to maximum speed and switch the laser receiver on.

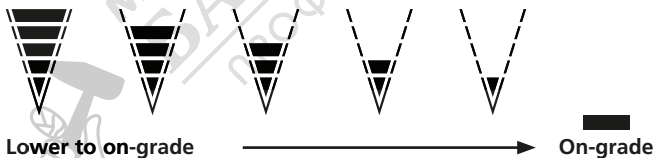
It is able to detect the laser beam at a great distance now. Move the SensoLite up and down through the laser beam until the middle indicator appears. Mark the measured height at the perimeter marking groove.



4 Grade indication arrows

5 individual levels of grade information for above and below grade.

Horizontal bar indicates on-grade.

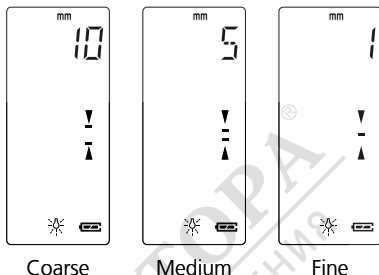


Out-of Beam display: a sequence of arrows will indicate if the receiver has moved beyond the vertical reception range and will indicate which direction to move to get back to the laser beam. The display can be turned on or off.

5 Accuracy

Set the accuracy by pressing button 10.

Switch between the three accuracies, coarse, medium or fine, by repeatedly pressing the button.



6 Switch units of measurement

Select centimetres (cm) or millimetres (mm) as the unit of measurement by briefly pressing button 9.

7 Backlighting

The backlighting is switched ON/OFF by pressing and holding button (9).

8 Loudspeaker beep

Toggle button 4 to set the volume to loud, quiet or off. One beep is emitted at the selected volume when changed.

Universal mount

The laser receiver can be installed on levelling staffs with the aid of the universal mount.

The Flexi measuring staff is always recommended when measuring from floor heights. It also allows you to determine heights directly without any need for calculation.



Danger - powerful magnetic fields

Powerful magnetic fields can adversely affect persons with active medical implants (e.g. pacemaker) as well as electromechanical devices (e.g. magnetic cards, mechanical clocks, precision mechanics, hard disks).

With regard to the effect of powerful magnetic fields on persons, the applicable national stipulations and regulations must be complied with such as BGV B11 §14 „electromagnetic fields“ (occupational health and safety - electromagnetic fields) in the Federal Republic of Germany.

To avoid interference/disruption, always keep the implant or device a safe distance of at least 30 cm away from the magnet.

Information on maintenance and care

Clean all components with a damp cloth and do not use cleaning agents, scouring agents and solvents. Remove the battery(ies) before storing for longer periods. Store the device in a clean and dry place.

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:

<http://laserliner.com/info?an=AHU>



Technical data

Laser reception range	350 m (The maximum range depends on the rotary laser)
Length of receiver unit	127 mm
Necessary rotation speed	300 - 1100 RPM 
Accuracy (deadband, absolute)	± 1 mm / 50 m ± 5 mm / 50 m ± 10 mm / 50 m
Auto power off	15 minutes
Protection class	IP 66
Power supply	4 x 1.5V LR6 (AA)
Operating time	approx. 40 hours
Operating conditions	0°C...50°C, max. humidity 80% rH, no condensation, max. working altitude 4000 m above sea level
Storage conditions	0°C...70°C, max. humidity 80% rH
Weight (incl. batteries, without universal retainer)	426 g
Dimensions (W x H x D)	77 x 178 x 35 mm

Subject to technical alterations. 21W12

