



Laserliner SensoLite 210 Receiver Set Instruction Manual

[Home](#) » [Laserliner](#) » Laserliner SensoLite 210 Receiver Set Instruction Manual 

Laserliner®

SensoLite 210 Rotary Laser
Instruction Manual



**HIGH ▼
SPEED ▲**



! 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.

Contents

[1 Function / application](#)

[2 General safety instructions](#)

[3 Safety instructions](#)

[4 Technical data](#)

[5 EU directives and disposal](#)

[6 Documents / Resources](#)

[6.1 References](#)

[7 Related Posts](#)

Function / application

Laser receiver for all red rotary lasers

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, moisture or significant vibration.
- The device must no longer be used if one or more of its functions fail or the battery charge is weak.

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.

Special product features and functions

HIGH !

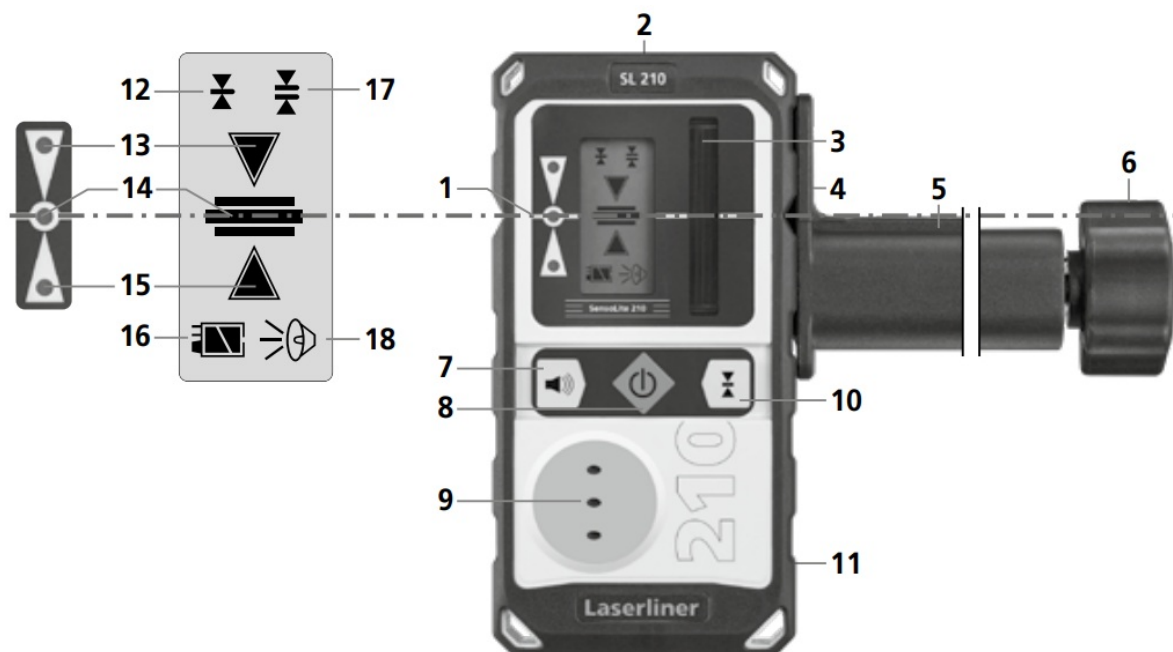
SPEED ! The receiver speeds up response times – rapid detection accelerates work rates.



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



IP 66 Protection against dust and water – The laser receiver is exceptionally well protected against dust and rain.

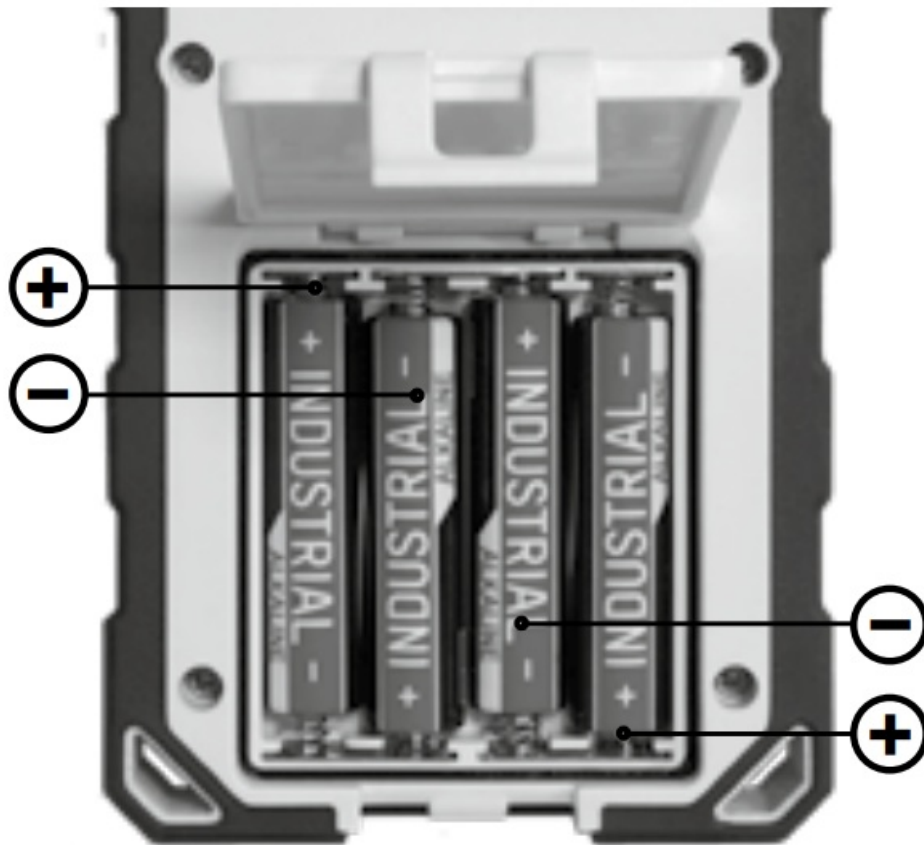


1. All-round marking groove
2. Head magnet
3. Receiver field for laser beam
4. Binding screw (rear side)
5. Universal mount
6. Fastening screw for levelling staffs
7. Sound ON / OFF
8. ON / OFF switch
9. Loudspeaker

10. Switch: Precision range, Free-h
11. Battery compartment (rear side
12. Precision range: Display with s
levelling staff)
13. Hand receiver above laser leve
14. Precisely on laser level
15. Hand receiver below laser leve
16. Low battery indicator
17. Free-hand range: Display with
18. Volume indicator

1 Insertion of batteries

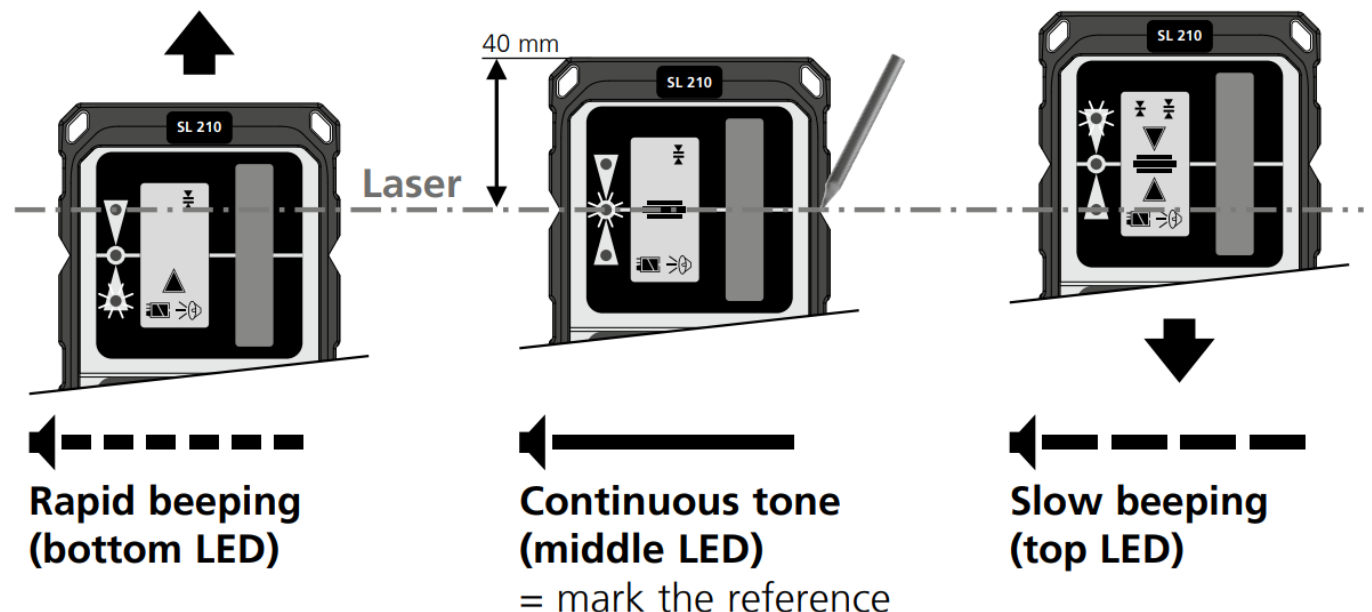
Open the battery compartment (11) and insert batteries according to the symbols. Be sure to pay attention to polarity.



2 Working with the laser receiver

Use the laser receiver for levelling over great distances or in very bright conditions. Switch it on with button 8. Set the line laser to hand receiver mode. The laser lines will now pulsate with high frequency, making the laser lines darker. The laser receiver can detect these pulsating laser lines up to a maximum distance of 200 m. Now move the receive field (3) on the laser receiver up and down through the laser lines until the middle LED lights up. Now mark the reference dimension.

! Pay attention that the laser lines are not reflected by reflective surfaces. Such reflections can lead to false indications.



! The light intensity of the laser lines is greatest at the centre and diminishes toward the ends. This can reduce the maximum reception range of the laser receiver.

! The laser reception range may be reduced if exposed to direct sunlight.

Used with levelling staff

The laser receiver can be fitted on measuring staffs with 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.

Technical data

(Subject to technical alterations. 20W49)

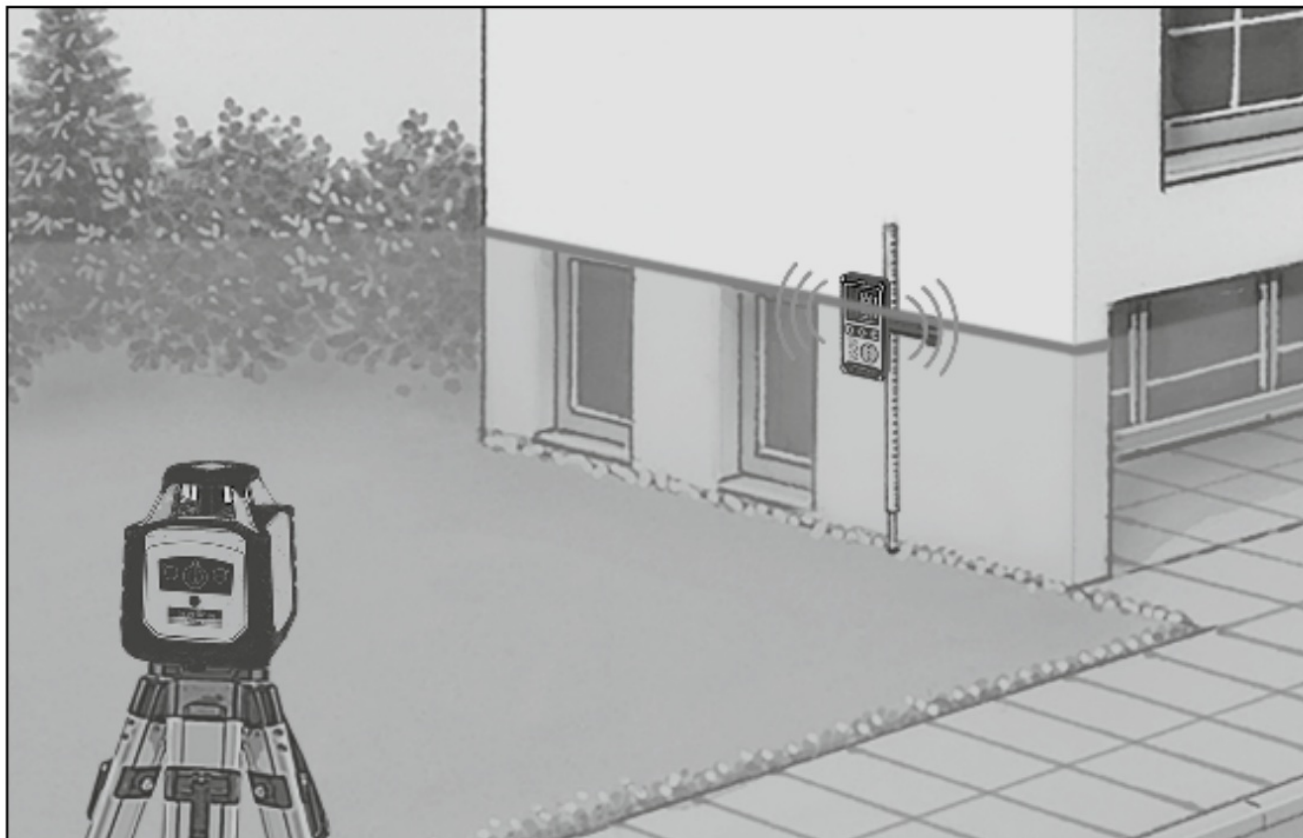
Necessary rotation speed	0, 100, 400, 800 rpm
Laser reception range	max. 200 m
Length of receiver unit	45 mm
Protection class	IP 66
Auto power off	after 5 minutes (if display remains unchanged)
Power supply	4 x 1.5V LR03 (AAA)
Operating time	approx. 80 hours
Operating conditions	-10°C ... 40°C, max. humidity 20 ... 85% rH, no condensation, max. working altitude 4000 m above sea level
Storage conditions	-20°C ... 70°C, max. humidity 80% rH
Weight	215 g (including batteries / without universal mount)
Dimensions (W x H x D)	75 x 148 x 22 mm (without universal mount)

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=AKR>.



Laserliner®



SERVICE

Umarex GmbH & Co. KG

– Laserliner –

Möhnestraße 149, 59755 Arnsberg, Germany

Tel.: +49 2932 638-300, Fax: +49 2932 638-333

info@laserliner.com

Umarex GmbH & Co. KG

Donnerfeld 2

59757 Arnsberg, Germany

Tel.: +49 2932 638-300, Fax: -333

www.laserliner.com

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Documents / Resources

	<p>Laserliner SensoLite 210 Receiver Set [pdf] Instruction Manual</p> <p>SL 210, SensoLite 210, SensoLite 210 Receiver Set, Receiver Set, Set</p>
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References

-  [Home](#)