

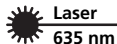
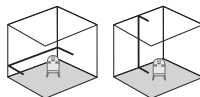
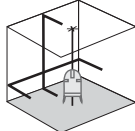
# SuperCross-Laser 2P



**AUTOMATIC  
LEVEL**



1H 1V 2P



DE 02

GB 06

NL 10

DK 14

FR 18

ES 22

IT 26

PL 30

FI 34

PT 38

SE 42

NO 46

TR 50

RU 54

UA 58

CZ 62

EE 66

LV 70

LT 74

RO 78

BG 82

GR 86

**Laserliner**<sup>®</sup>  
Innovation in Tools

! 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.

## The automatic cross-line laser with plumb function and integrated hand-held receiver mode for aligning tiles, wall studding, windows, doors etc.

### General safety instructions

**Caution:** Do not look directly into the beam. Lasers must be kept out of reach of children. Never intentionally aim the device at people. This is a quality laser measuring device and is 100% factory adjusted within the stated tolerance. For reasons of product liability, we must also draw your attention to the following: Regularly check the calibration before use, after transport and after extended periods of storage. We also wish to point out that absolute calibration is only possible in a specialist workshop. Calibration by yourself is only approximate and the accuracy of the calibration will depend on the care with which you proceed.

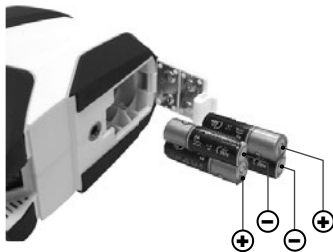


Laser radiation!  
Do not stare into the beam! Class 2 laser  
< 1 mW · 635 nm  
EN 60825-1:2007-10

! Always turn off all lasers and latch the pendulum in place before transporting, ON/OFF switch in its „OFF“ position!

### 1 Inserting batteries

Open the battery compartment and insert batteries (4 x type AA) according to the symbols. Be sure to pay attention to polarity.



### 2 Hand receiver mode

#### Optional: Working with the laser receiver RX

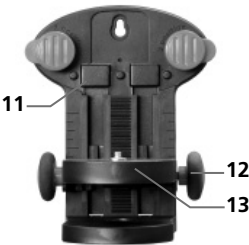
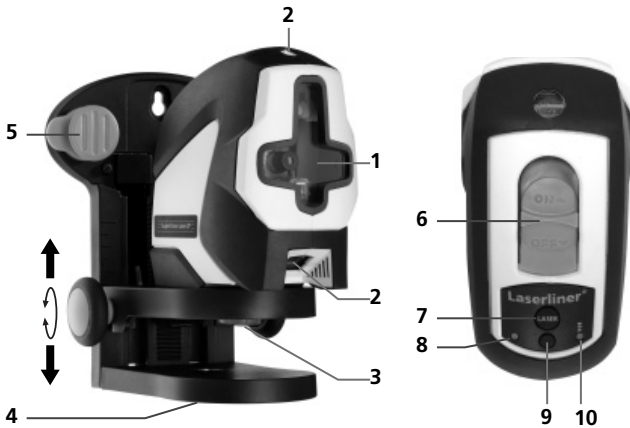
Use an RX laser receiver (optional) to carry out levelling at great distances or when the laser lines are no longer visible.

To work with a laser receiver, switch the line laser into hand receiver mode with the Hand receiver mode button. The laser lines will now pulsate with high frequency, making the laser lines darker. The laser receiver can detect these pulsating laser lines.

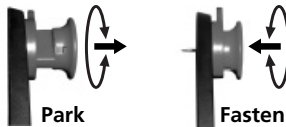


! Observe the laser receiver's operating instructions for line lasers.

# SuperCross-Laser 2P



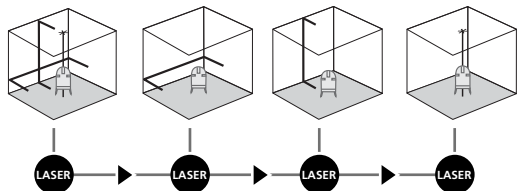
**!** Always rotate the special pins into their parked position for transport, see illustration below. Otherwise there is danger of injury.



- 1 Laser output windows
- 2 Laser-emitting window, plumb laser
- 3 1/4" fastening screw
- 4 5/8" tripod threads with threaded bush insert for 1/4" photo-tripod threads
- 5 Special pins for direct attachment to a wall
- 6 ON / OFF switch, transport retainer
- 7 Laser line selection button
- 8 LED Status indicator
- 9 Hand receiver mode
- 10 LED Hand receiver mode
- 11 Holding magnets on the back-side for attachment to magnetic-responsive objects
- 12 Height adjustment knob
- 13 Tripod/wall bracket with 63 mm height adjustment

## 3 Horizontal and vertical levelling

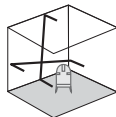
Release the transport restraint, set the ON/OFF switch to „ON“. The laser cross and the two plumb lasers appear. The laser lines can be switched individually with the selection button.



The transport restraint must be released for horizontal and vertical levelling. The laser lines flash and the LED lights red as soon as the device is outside the automatic levelling range of 4°. Position the device such that it is within the levelling range. The LED switches back to green and the laser lines stop flashing (steady light).

### 3 Slope mode

Do not release the transport restraint, set the ON/OFF switch to „OFF“. Select and switch on the laser with the selection button. Sloping planes can now be measured. This mode cannot be used to perform horizontal or vertical levelling as the laser lines are no longer aligned automatically. The LED lights constantly red.



#### Technical Data

<b>Automatic levelling range</b>	± 4°
<b>Accuracy</b>	±5 mm/10 m
<b>Operating range (depending on room illumination)</b>	20 m
<b>Working range with hand-held receiver</b>	depending on receiver: 30 to 50 m
<b>Laser wavelength</b>	635 nm
<b>Laser class / line laser output power</b>	2/≤ 1 mW
<b>Power supply</b>	4x 1.5V batteries (type AA, LR6)
<b>Operating time</b>	approx. 25 hours
<b>Temperature range, operating / storage</b>	0 °C ... +50 °C/-10 °C ... +70 °C
<b>Dimensions (W x H x D)</b>	66 x 119 x 124 mm
<b>Weight (without wall bracket and batteries)</b>	0.43 kg

Subject to technical changes without notice. 11.10

#### Guarantee, product care and disposal

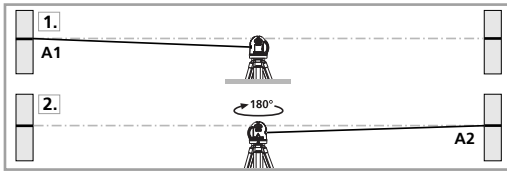
This device complies with all necessary standards for the free movement of goods within the EU. This product is an electric device and must be collected separately for disposal according to the European Directive on waste electrical and electronic equipment.

Further safety and supplementary notices at: [www.laserliner.com/info](http://www.laserliner.com/info)



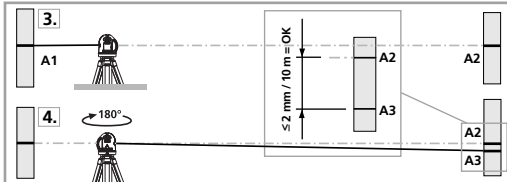
## Preparing the calibration check:

It is possible for you to check the calibration of the laser. To do this, position the device midway between 2 walls, which must be at least 5 metres apart. Switch the device on (Laser cross ON). The best calibration results are achieved if the device is mounted on a tripod.



1. Mark point A1 on the wall.
2. Turn the device through 180° and mark point A2. You now have a horizontal reference between points A1 and A2.

## Performing the calibration check:



3. Position the device as near as possible to the wall at the height of point A1.
4. Turn the device through 180° and mark point A3. The difference between points A2 and A3 is the tolerance.

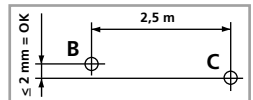


If points A2 and A3 are more than 5 mm / 10 m, the device is in need of calibration. Contact your authorised dealer or else the UMAREX-Laserliner Service Department.

**Checking the vertical line:** Position the device about 5 m from a wall. Fix a plumb bob with a line of 2.5 m length on the wall, making sure that the bob can swing freely. Switch on the device and align the vertical laser to the plumb line. The precision is within the specified tolerance if the deviation between the laser line and the plumb line is not greater than  $\pm 1.5$  mm.

## Checking the horizontal line:

Position the device about 5 m from a wall and switch on the cross laser. Mark point B on the wall. Turn the laser cross approx. 2.5 m to the right and mark point C. Check whether the horizontal line from point C is level with point B to within  $\pm 2$  mm. Repeat the process by turning the laser to the left.



Regularly check the calibration before use, after transport and after extended periods of storage.

# SuperCross-Laser 2P



SERVICE



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