

# SuperSquare-Laser



8.081.96.03.1 / Rev 1106

## LASERLINER®

Innovation in Tools

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## 90° Line Laser

The SuperSquare-Laser's two laser lines make it the ideal instrument for all types of alignment work on the floor. The long-range laser beams also project very visible laser lines on walls. The two illuminated spirit levels can be used to obtain above-floor alignments on walls. The inboard, 90° try-square edge makes it easy to align the first floor tile. 635 nm laser, 0.05° accuracy of right angle, integrated levelling feet, 1/4" tripod connection. **Includes:** laser goggles, carrying case and batteries (2 x type AA).

### 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

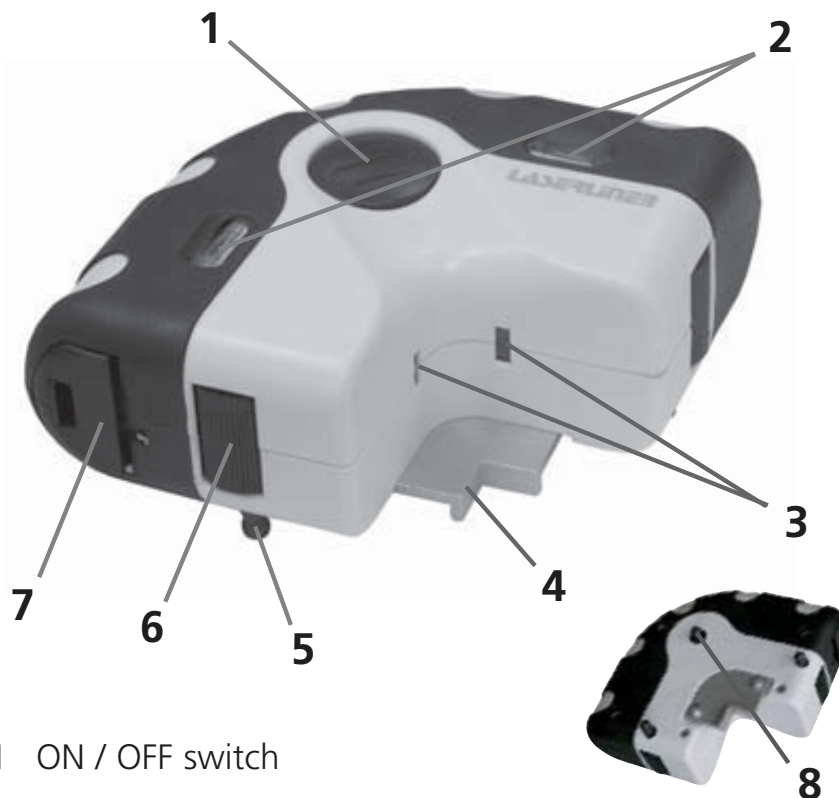
device and is 100% factory adjusted within the stated tolerance. For reasons of product liability, we must also draw your attention to the following: Regularly check the calibration before use, after transport and after extended periods of storage. We also wish to point out that absolute calibration 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.

### Note:

This is a precision instrument product which must be handled with care. Avoid impacts and jarring. Store and transport the instrument in its case! All lasers off! Clean with a soft cloth and glass cleaner.

### Warranty:

The warranty period is 2 years from the date of purchase. The warranty covers all material or manufacturing defects occurring during this time. The following are excluded from warranty: Damage due to improper use (e.g. operation with wrong type of current/voltage, connection to unsuitable power source, fall onto hard surface, etc.) or improper storage, normal wear and tear, and defects which only insignificantly impair the value or suitability for use. Any tampering by unauthorised persons will render this warranty void. In the event that you need to claim warranty, please take the complete device together with all information and the invoice to one of our dealers or send it in to Umarex-Laserliner.



- 1 ON / OFF switch
- 2 Spirit levels for wall applications
- 3 Laser output windows
- 4 90° try-square edge
- 5 Levelling foot
- 6 Levelling foot adjustment
- 7 Battery compartment
- 8 Levelling foot, removable for tripod applications (1/4" threads)



## Inserting batteries

Open the battery compartment (7) and insert batteries according to the symbols. Be sure to pay attention to polarity.

## On-floor applications:

Turn on the unit with the ON / Off switch (1). The laser lines now produce a 90° angle on the floor. These projected lines allow tiles to be laid easily, yet precisely. The 90° try-square edge (4) makes it easy to align the first floor tile.

## Wall applications:

The long-range laser beams also project very visible laser lines on walls. Level the instrument with its levelling feet (6, 7) according to the spirit-level indicators (2). The spirit-levels are back-lighted to guarantee good visibility even in reduced ambient light.

Technical Data	
Angle accuracy of the laser lines	$\pm 0,05^\circ$
Precision of the vertical laser lines	$\pm 0,5 \text{ mm} / 1 \text{ m}$
Operating range (depending on room illumination)	20 m
Power supply	2 x 1,5V AA / 24 h
laser wavelength	635 nm
Laser class	2M / < 5 mW
Weight	0,4 kg
Operating temperature	0°C ... + 50°C
Storage temperature	-10°C ... + 70°C
Order number	081.130A
Subject to technical changes without notice	12/2006

**Note:**

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

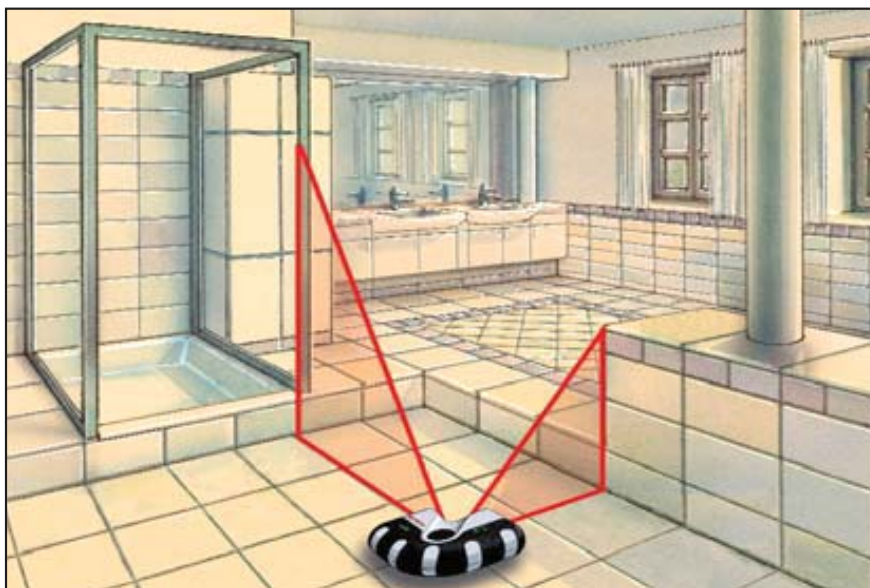
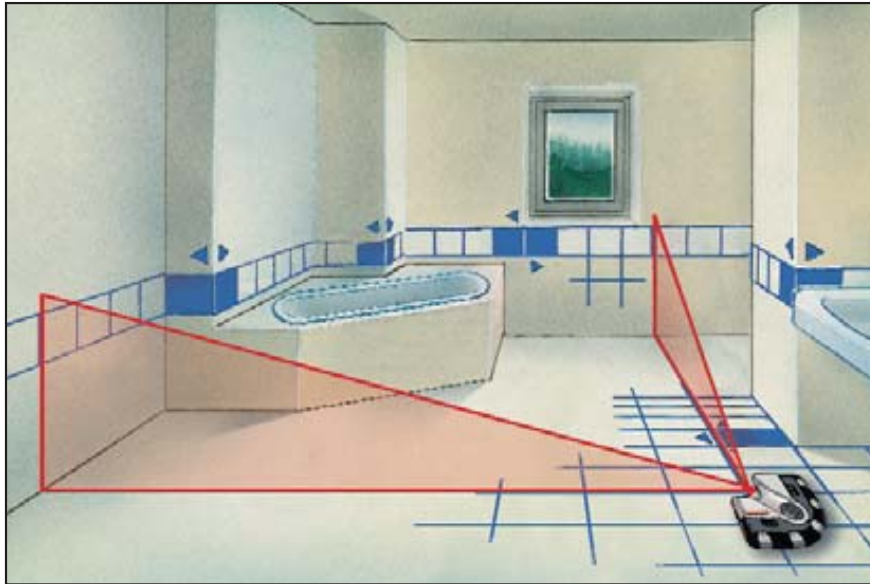
**Checking the vertical line:**

Fix a plumb bob with a line at least 2.5 m in length on the wall, making sure that the bob can swing freely. Align the spirit levels, turn on the unit, adjust the lines to the plumb and the spirit-levels (2) with the levelling feet (6, 7). The precision is within tolerance if the deviation between the laser line and plumb line is not greater than 0.5 mm / 1 m.

**Service- and Shipping Address:**

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