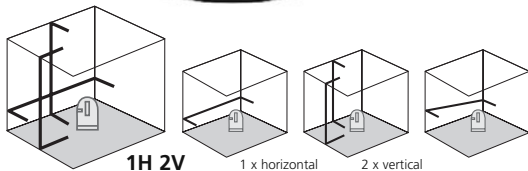




081.140A / Rev.0409



1H 2V

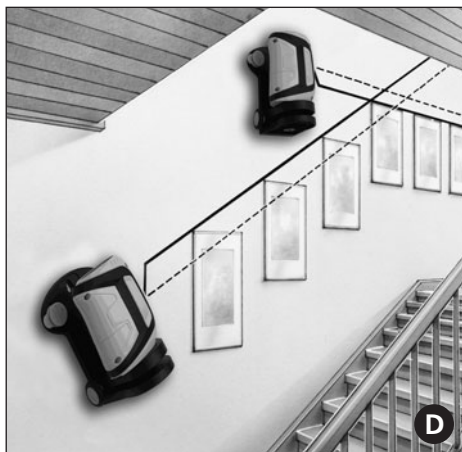
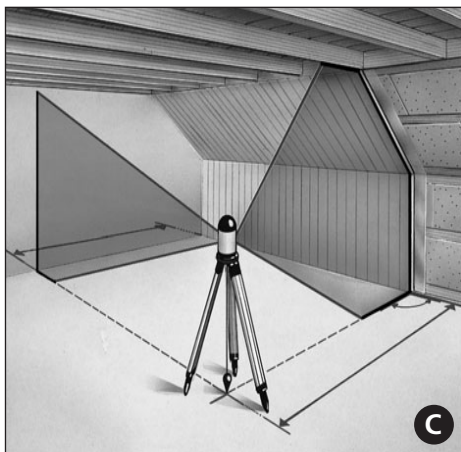
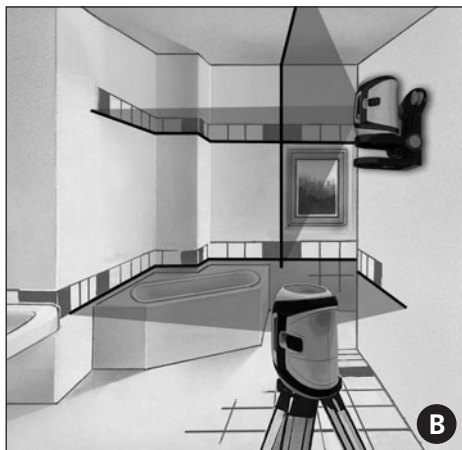
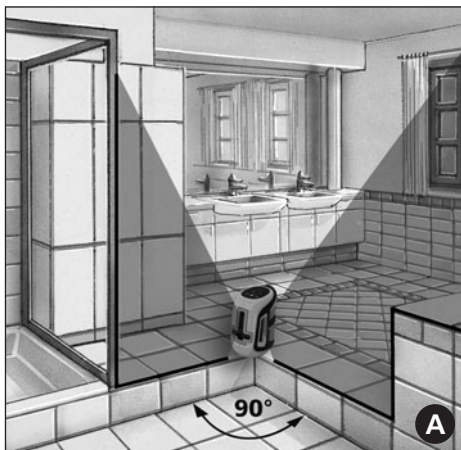
1 x horizontal

2 x vertical

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Laserliner[®]
Innovation in Tools

SuperCross-Laser SCL 3



The automatic 3 line laser for professional do-it-yourself enthusiasts

The 3 laser lines are readily visible and outstanding for aligning tiles, wall studding, windows, doors, etc. The 90° position of the vertical laser lines can be used to produce a right angle on the floor and project a plumb line on slanted walls (see Figure C on Pg. 2). Simple handling is made possible by the magnetically dampened pendulum system – the device levels itself automatically in seconds. Its height-adjustable bracket makes the SCL 3 truly versatile – on the tripod, on the wall and on magnetic-responsive objects. The slope-mode feature is an extra that permits gradients to be laid out. An integrated transport restraint protects the pendulum system against damage. Precision 5 mm / 10 m.

Includes: Tripod/wall bracket, soft case and batteries (4 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.



Laser radiation!
Do not stare into the
beam or observe it directly
with optical instruments.
Laser class 2 M
EN 60825-1:2007-10

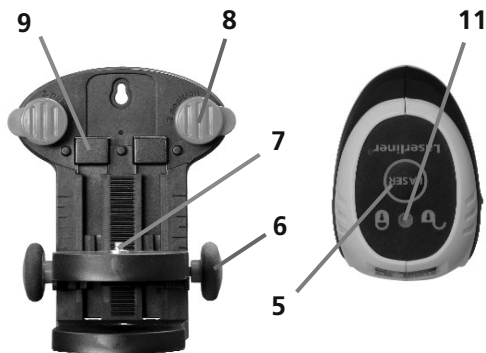
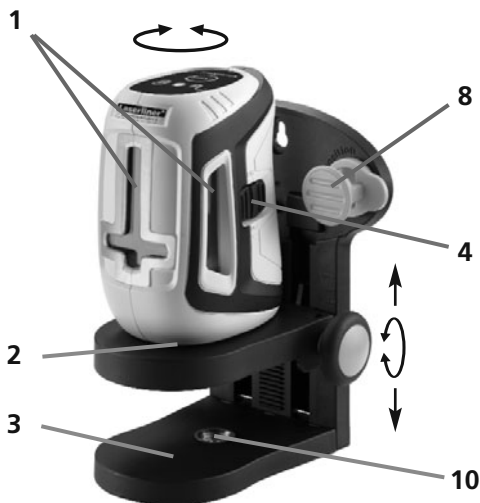
Note:

This is a precision instrument product which must be handled with care. Avoid impacts and jarring. Always turn off all lasers and latch the pendulum in place before transporting, ON/OFF switch in its "OFF" position! 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.

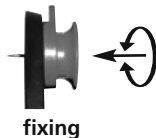
SuperCross-Laser SCL 3



- 1 Laser output windows
- 2 Battery compartment (SCL 3 underside)
- 3 Tripod/wall bracket with 63 mm height adjustment
- 4 ON / OFF switch, transport retainer
- 5 Laser line selection button
- 6 Height adjustment knob
- 7 Magnetic pin for unit centring
- 8 Special pins for direct attachment to a wall
- 9 Holding magnets on the back-side for attachment to magnetic-responsive objects
- 10 5/8" tripod threads with threaded bush insert for 1/4" photo-tripod threads
- 11 Tilt function indicator LED

Attention:

Always rotate the special pins (8) into their parked position for transport, see illustration below. Otherwise there is danger of injury.



Horizontal and vertical levelling:

Open the battery compartment (2) and insert batteries according to the symbols. Correct polarity must be observed. Release the transport restraint, put the ON/OFF switch (4) into its right position ("ON"). Now the tilt function is active and the indicator LED (11) will light up green if the device is set up correctly. The desired laser lines can be selected with the selection button (5). The indicator LED (11) will light up red if the device is tilted too much, such that the pendulum is out of its self-levelling range. There will also be a warning sound and the lasers will blink. The unit must then be placed on a surface which is closer to level. Refer to the application examples in Figures A, B, C on page 2.

Slope mode:

Do not release the transport restraint, put the ON/OFF switch into its left position ("OFF"). Now the tilt function is inactive! Select and switch on the laser with the selection button (5). Now the indicator LED (11) will light up red and the device can be placed on sloped or tilted surfaces. Refer to the application example in Figure D on page 2. **IMPORTANT:** This mode cannot be used to perform horizontal or vertical levelling because the laser lines are no longer automatically aligned.

Technical Data

Automatic levelling range	± 5°
Accuracy	± 5 mm / 10 m
Operating range (depending on room illumination)	20 m
Laser wavelength	635 nm
Laser class / line laser output power	2M / < 5 mW
Power supply	4 x 1,5V AA / ca. 20 h
Dimensions / weight (without wall bracket and batteries)	122 x 100 x 70 mm / 0,55 kg
Temperature range, operating / storage	0°C ... +50°C / -10°C ... +70°C
Order number	081.140A
Subject to technical changes without notice	04/2009

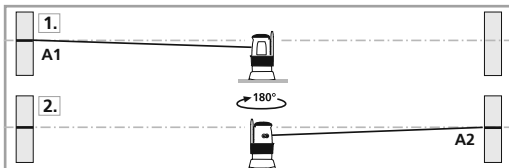
Note: Regularly check the calibration before use, after transport and after extended periods of storage.



SuperCross-Laser SCL 3

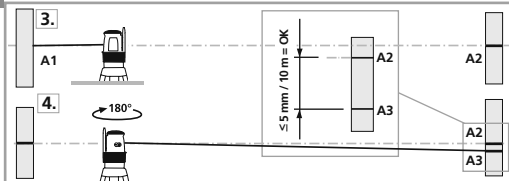
Preparing the calibration check:

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. Do this by turning the unit on, thus releasing the transport restraint (cross laser on). Please use 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:



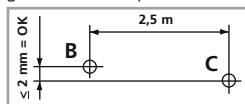
3. Position the device as near as possible to the wall at the height of point A1.
4. Turn the device through 180° and mark point A3. The difference between points A2 and A3 is the tolerance.

Note:

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 UMAREXLASERLINER 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 ± 1.5 mm.

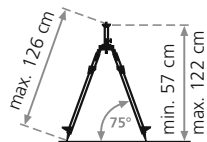
Checking the horizontal line: Position the device about 5 m from a wall and switch on the cross laser. Mark point B on the wall. Turn the laser cross approx. 2.5 m to the right and mark point C. Check whether the horizontal line from point C is level with point B to within ± 2 mm. Repeat the process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



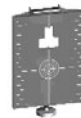
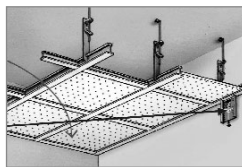
- DE Zubehör (optional)
- GB Accessories (optional)
- NL Accessoires (optioneel)
- DK Tilbehør (ekstra-udstyr)
- FR Accessoires (en option)
- ES Accesorios (opcional)
- IT Accessori (optional)
- PL Akcesoria (opcja)

- FI Lisämahdollisuuksia valinnaisvarusteilla
- PT Acessórios (opcional)
- SE Tillbehör
- NO Tilbehør
- TR Faydalı aksesuarları
- RU Полезные принадлежности

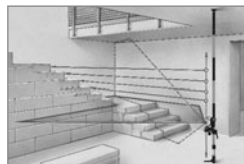
Art.-Nr: 080.29



Art.-Nr: 023.61A



Art.-Nr: 090.120A



max. ca. 330 cm



Laserstrahlung!
Nicht in den Strahl blicken
oder direkt mit optischen
Instrumenten betrachten.
Laser Klasse 2 M
EN60825-1:2007-10

Laser radiation!
Do not stare into the
beam or observe it directly
with optical instruments.
Laser class 2 M
EN60825-1:2007-10

- DE** Service- und Versand-Anschrift
- GB** Service- and Shipping Address
- NL** Service- en verzendadres
- DK** Service- og Postadresse
- FR** Livraison et expédition
- ES** Dirección de servicio y de envío
- IT** Indirizzo di assistenza e di spedizione

- PL** Serwis i sprzedaż
- FI** Service- og Postadresse
- PT** Endereço de serviço e envio
- SE** Service- och leveransadress
- NO** Service- og forsendelsesadresse
- TR** Servis ve gönderi adresi
- RU** Адрес службы сервиса и для отправки

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