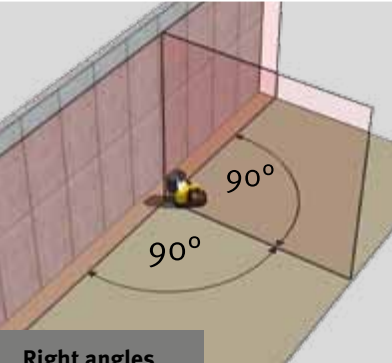


STABILA®



...sets standards



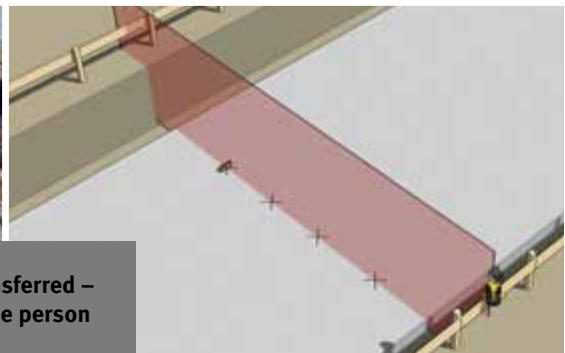
Right angles
set out
perfectly



STABILA LA 180 L multi-line laser



Lines transferred –
by just one person



LA 180 L multi-line laser:

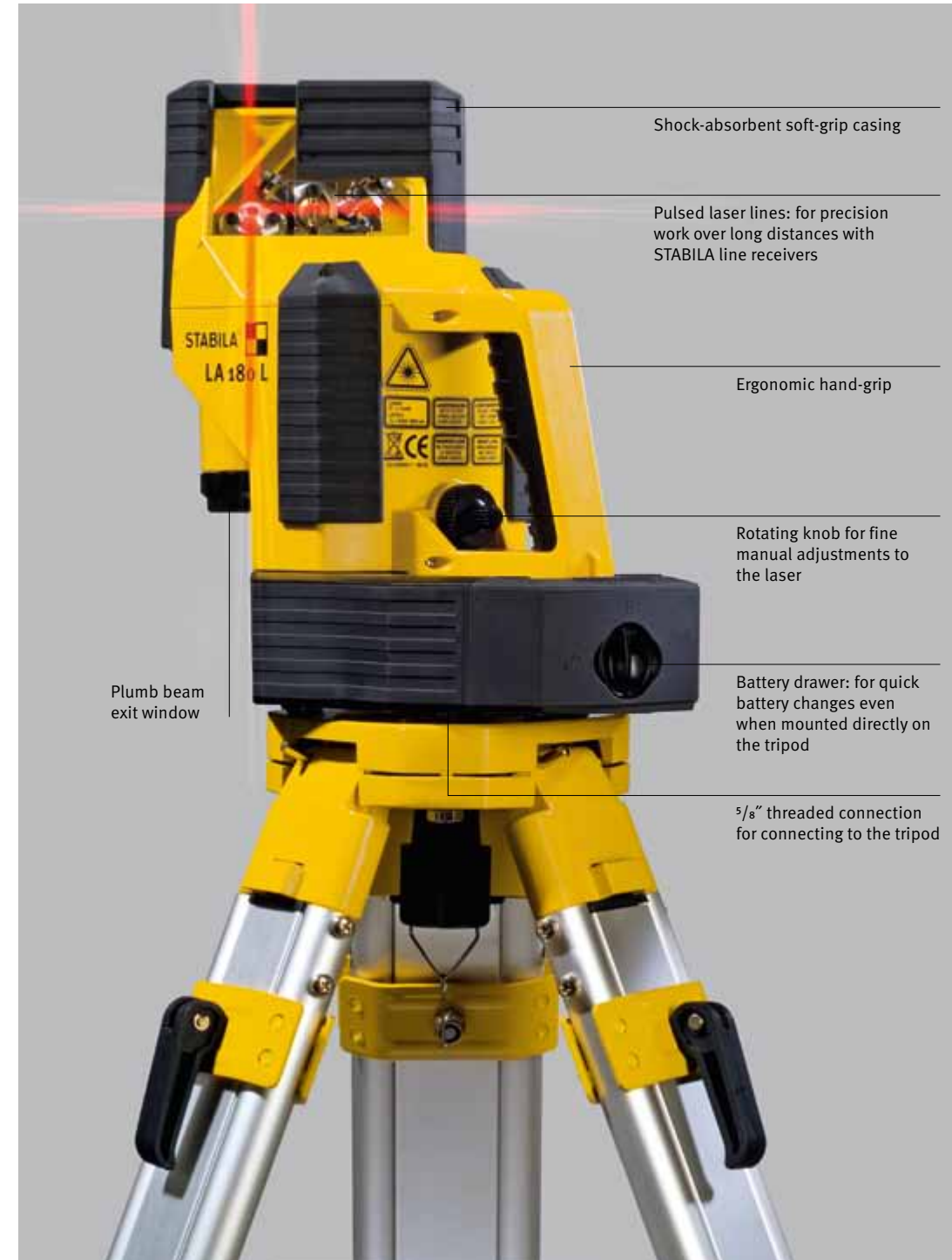
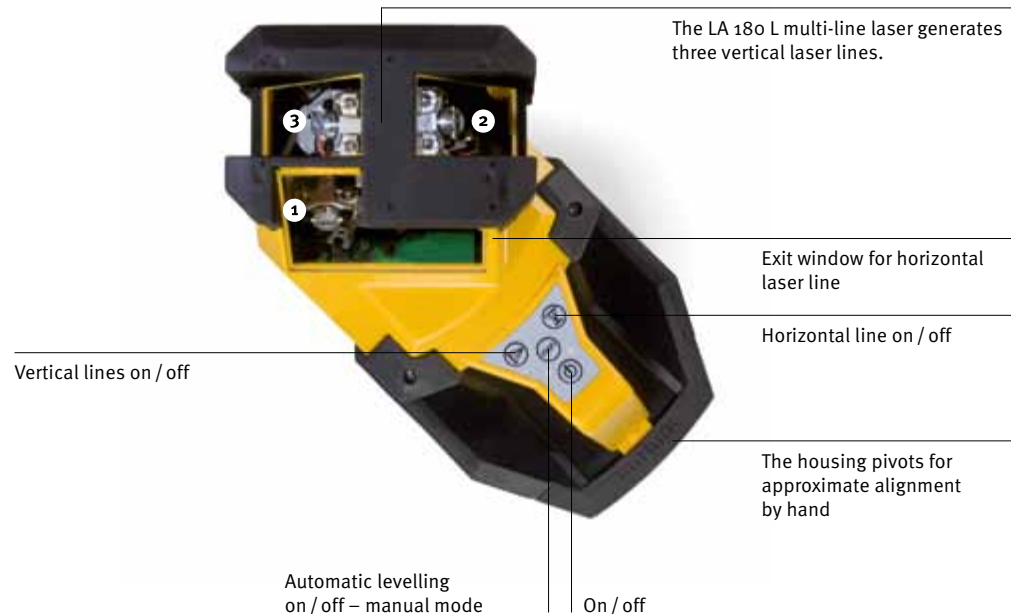
Layout work – faster and more accurate than ever before



Multi-line laser LA 180 L: optimum versatility throughout the entire construction project.

Creating right angles and transferring axes and datum lines on the building site is a time-consuming affair. Moreover, errors in measurement result in high follow-up costs. But now there's a solution. The new LA 180 L self-levelling multi-line laser from STABILA allows you to take markings more quickly and accurately than ever before. Suitable for both indoor and outdoor applications, it is also ideal for transferring heights, as well as alignment and plumb-bobbing. The multi-line laser can be positioned in corners effortlessly. Sharp, clearly visible laser lines – a crystal-clear choice! A robust outdoor solution: the LA 180 L combined with the new REC 410 Line RF line receiver. Take measurements in no time up to 100 m away!

Innovative product design





Motor-driven self-levelling line laser. Layout right angles automatically – with the motor-powered fine adjustment in combination with the REC 410 Line RF receiver. Faster, more accurate, simpler.

The three vertical laser lines of the LA 180 L can be used to align axis and set out right-angled spaces at the same time:



AUTOALIGNMENT

- 1 Mark measuring points A and B parallel to the wall.
- 2 Position the laser on point A and the receiver on point B.
- 3 Roughly align the laser by hand.
- 4 Points A and B are automatically aligned by pressing the button on the receiver. The vertical planes are automatically aligned.



The REC 410 Line RF Receiver: enables right angles to be set out. At the touch of a button. Fully automatic. Just 1 man needed.

The REC 410 Line RF receiver uses wireless technology to control the LA 180 L laser. One press of a button is enough. The laser adjusts itself automatically.





Laser lines for a whole range of uses:
3 vertical lines, 1 horizontal line, plumb
function.

◀ Sharp, clearly visible laser lines. For reliable height measurements. Or the simple transfer of datums into several rooms. For everyone who likes accuracy. Range of the visible laser line: 20 m.

For all indoor layout work and height transfers: increased productivity for dry-wallers, metalworkers, installation work and similar.



◀ The **functional shape of the housing** allows the laser to be easily positioned against the wall or in a corner. Perfect for setting out tiled areas.



▲ Transfer of the layout from the floor to walls and ceilings.

► The laser at work in dry-walling: U profiles are directly aligned with the laser line and fastened into place in a single step.

Motor-driven, self-levelling line laser. For rapid and safe work with visible laser lines. Distances of up to 20 m.



AUTOALIGNMENT





Measuring heights in a flash: with the REC 410 Line RF Receiver you can also measure outdoors quickly and accurately. Distances of up to 100 m.



▲ Measurably faster work – with the horizontal line and receiver. Indoors and outdoors.

► Its functionally shaped housing allows the laser to be easily positioned in corners. The right angle is rotated over the perpendicular reference point. No measurement errors caused by displacement of the reference point when aligning the laser.



STABILA®



...sets standards

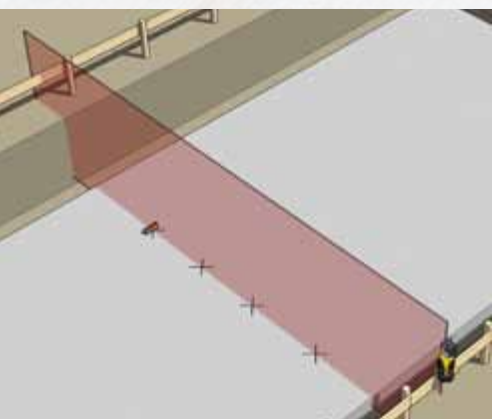
LA 180 L multi-line laser



The **adjustable bracket** allows the receiver to be quickly and securely fastened to the batter board.

Transfer lines – from the batter board to the floor slab: at the touch of a button the vertical laser line is 100 % automatically aligned over distances of up to 40 m. Marks can then be applied to the floor slab with the aid of the receiver.

Only one man needed. No backwards and forwards. No measurement errors. Time and money saved.



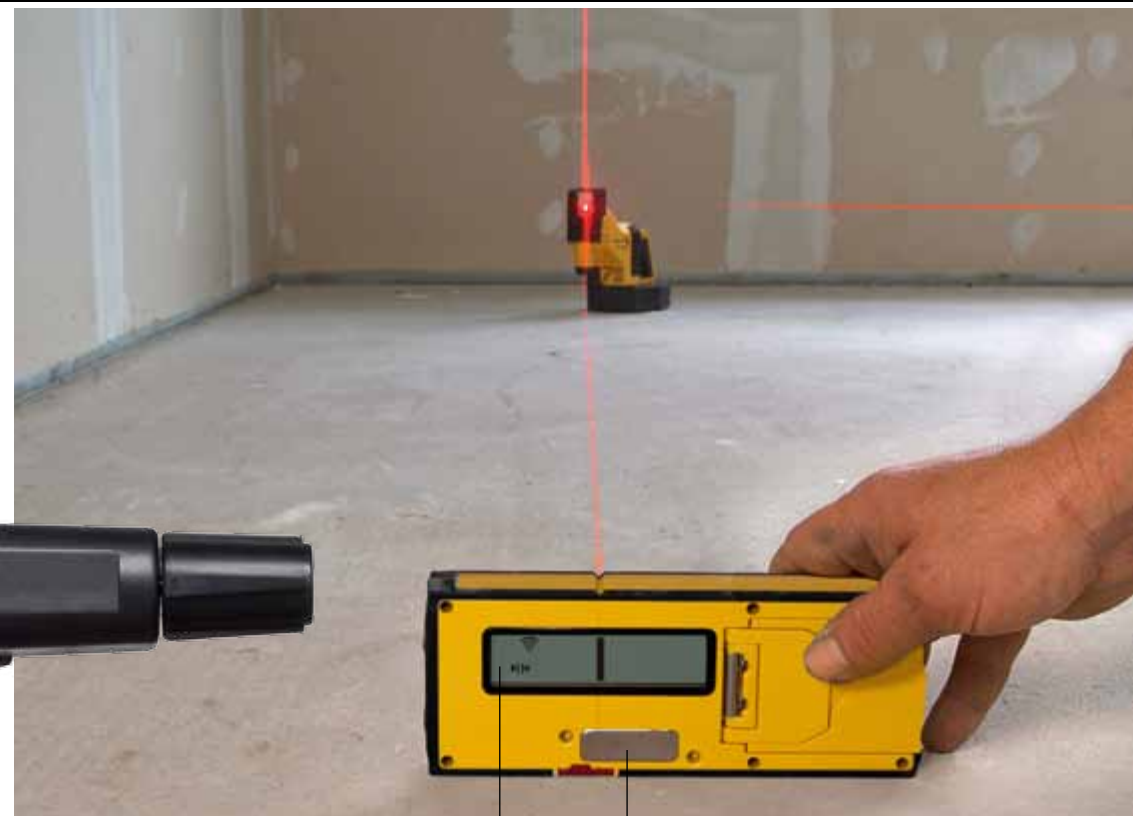
The STABILA LA 180 L multi-line laser in use outdoors – for increased efficiency and reduced costs. For use with masonry-work, reinforced concrete construction and timber frame construction. An essential partner for site supervisors.



The REC 410 Line RF Receiver

Specially developed for perfect teamwork with the LA 180 L laser. The receiver picks up the pulsed laser lines and automatically controls the fine adjustment of the laser. Ultra-simple – at the touch of a button.

- ❶ Vial
- ❷ 89 mm high laser receiving window
- ❸ Reference notch
- ❹ Fold-out reference notch
- ❺ Optical LED target guidance (red, orange, green)
- ❻ Easy to read digital display
- ❼ Accuracy level selection
- ❽ On / off
- ❾ Volume selection
- ❿ Alignment button left / right
- ⓫ Automatic fine adjustment
- ⓬ Shock-absorbent soft-grip casing
- ⓭ The magnetic bracket can be fastened onto the receiver in two positions. For vertical and horizontal operation.



Displays on the front and rear – extremely practical!

Connection point for changing the position on the magnetic bracket



Fold-out reference notch for precise positioning of the receiver.



Fold-out foot for positioning the receiver on the ground.



Multi-line laser LA 180 L



Comprising: LA 180 L multi-line laser, REC 410 Line RF receiver with bracket, laser goggles, 2 target plates, sturdy carrying case.

Laser class	Output	Laser wavelength	Self-levelling range horizontal	Levelling accuracy	Line straightness	Range of visible line	Range with receiver**	Batteries included	Battery run-time	Art. No.
2	< 1 mW	635 nm	approx. $\pm 5^\circ$	± 0.07 mm/m	± 0.1 mm/m	20 m*	up to 100 m	4 x D 1.5 V	approx. 20 h	18044/7

* Indoors in typical working conditions. ** In a straight line the range is up to 100 m and 40 m at an angle of 45° to the instrument's axis.

Optional accessories:



LT 30 telescopic laser support – always at the right height

Variable positioning of lasers at the required working height.
Height: 20 – 365 cm,
weight: 2.7 kg
(Art. No. 18238/0).



Construction tripod with air-cushioned lifting column, spread stopper and rapid locking mechanism. Tripod legs with spikes and rotatable hard rubber shoes, $\frac{1}{8}$ " threaded screw.

BST-K-M – ideal for transferring the datum line
Height: approx. 69 – 170 cm
(Art. No. 18195/6).

BST-K-XL – ideal for suspended ceilings
Height: approx. 118 – 300 cm
(Art. No. 18560/2).



Battery unit

Battery unit, power supply unit and adapter plugs for 4 countries
(Art. No. 17934).