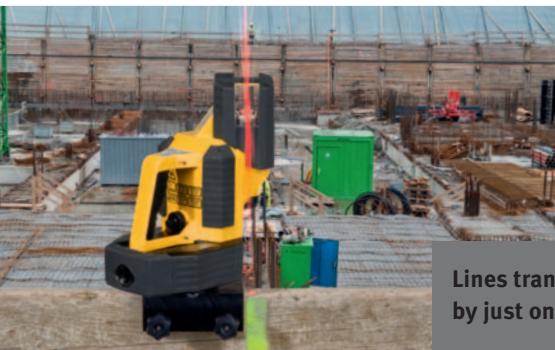


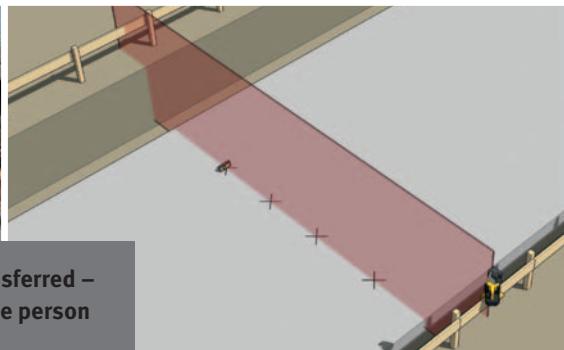
Right angles set out perfectly.



**STABILA LA 90 L and LA 180 L**



Lines transferred –  
by just one person

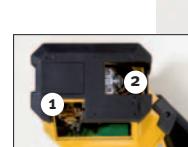


**2 Layout Stations:  
More Accuracy. More Speed.**

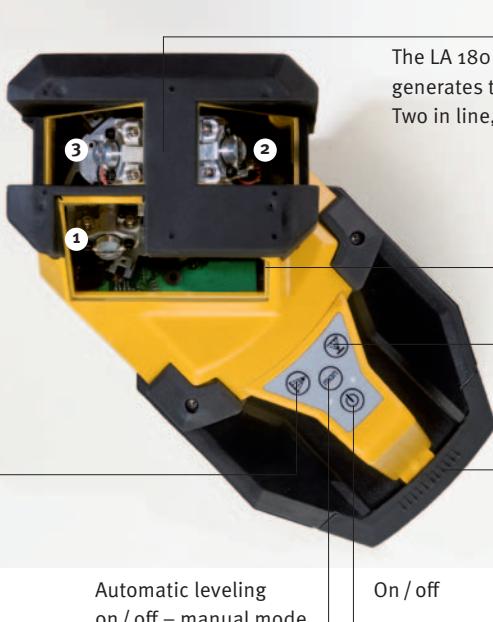
# STABILA Layout Stations:

STABILA's 2 new self-leveling, multi-line lasers make layout faster and more accurate than ever before. Sharp and bright laser lines indoors (60 ft.). Outdoors – the LA 180 L combined with the new REC 410 Line RF line receiver measures up to 300 ft.

German Engineering



The LA 90 L multi-line laser generates two vertical laser lines perpendicular to each other.



The LA 180 L multi-line laser generates three vertical laser lines. Two in line, one perpendicular.

Exit window for  
horizontal laser line

### Horizontal line on / off

The housing pivots for approximate alignment by hand

### Vertical lines on / off

Automatic leveling  
on / off – manual mode



### Shock-absorbent soft-grip casing

Pulsed laser lines: For precision work over long distances with STABILA line receivers (optional accessory for the LA 90 L)

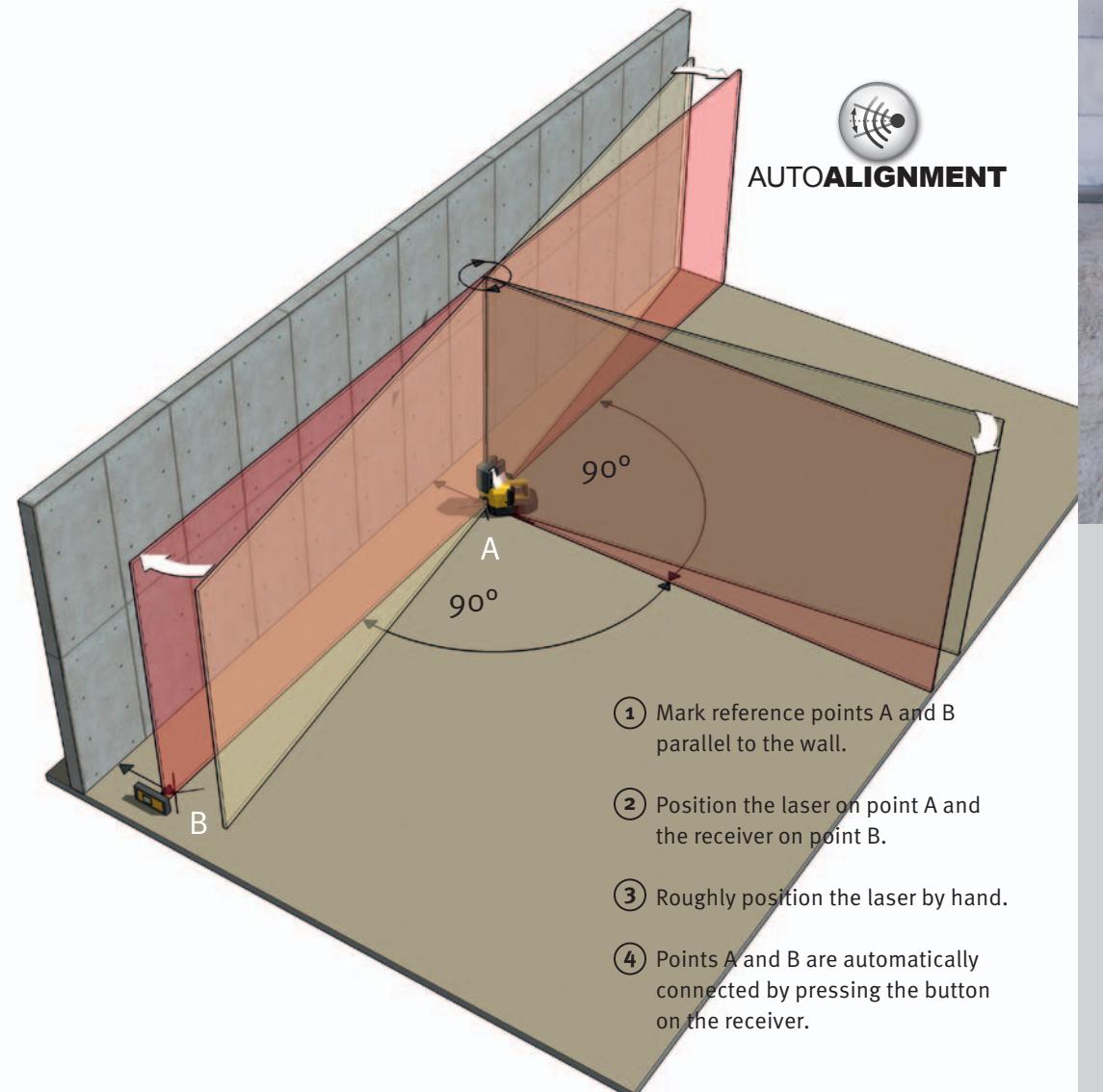
### Ergonomic hand-grip

Rotating dial for fine manual adjustments to the laser

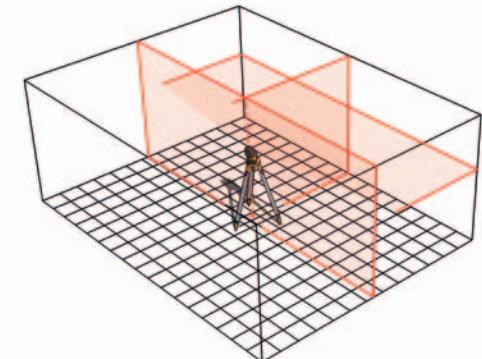
**Battery drawer:** For quick battery changes even when mounted directly on the tripod

5/8" threaded  
connection for  
connecting to the tripod

**LA 180 L:** Layout right angles automatically – with the motor-powered fine adjustment in combination with the REC 410 Line RF receiver. Faster, more accurate, simpler.



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

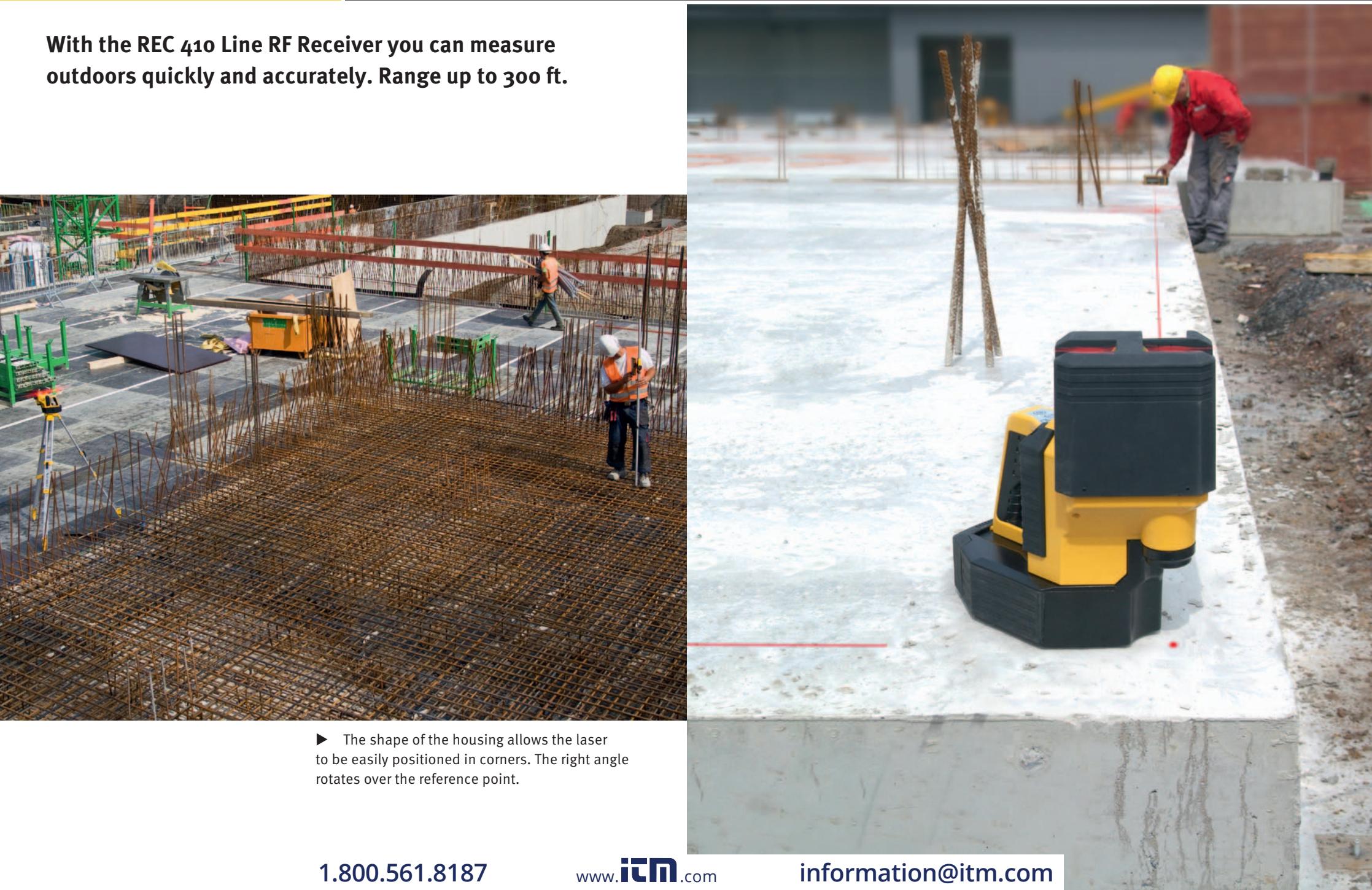


LA 180 L: 3 vertical lines, 1 horizontal line and plumb function.

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



With the REC 410 Line RF Receiver you can measure outdoors quickly and accurately. Range up to 300 ft.



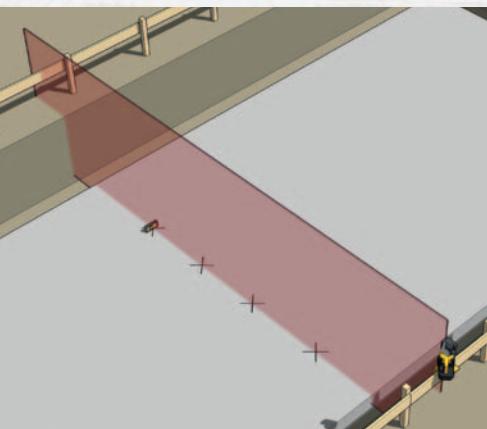
- The shape of the housing allows the laser to be easily positioned in corners. The right angle rotates over the reference point.



The **bracket** fastens quickly and securely.

With a touch of a button the vertical laser line is 100 % automatically aligned over distances of up to 150 ft. Marks can be transferred with the receiver.

**Only one man needed.** No back and forth.

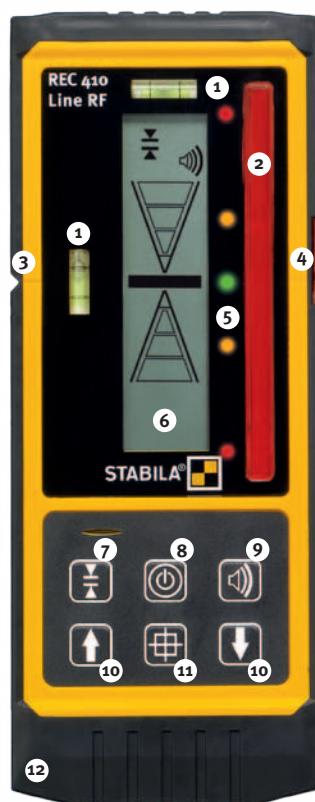


**The STABILA LA 180 L outdoors.**

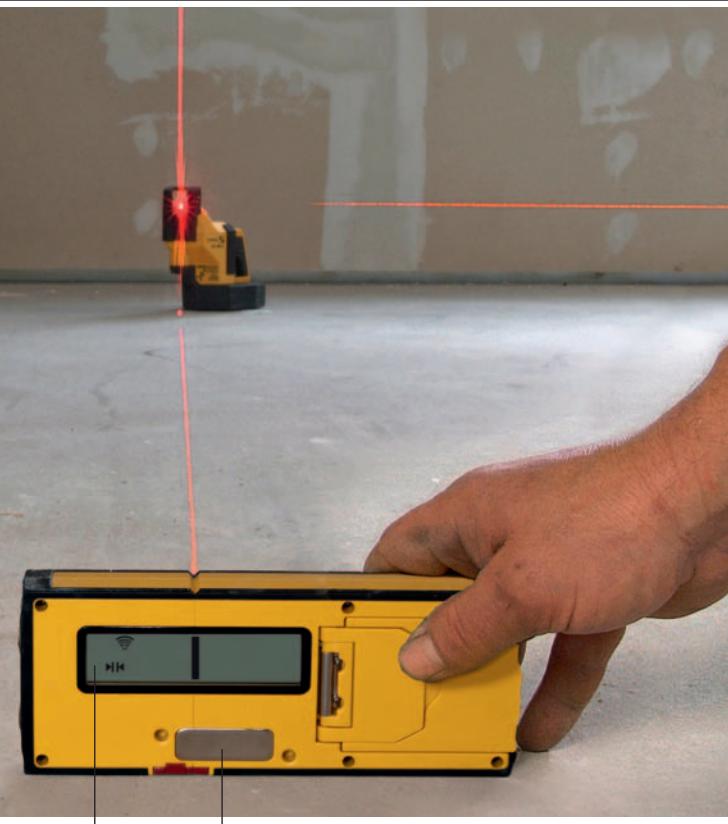
## The REC 410 Line RF Receiver

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.

- ① Rough positioning Vials
- ② 3.5" high laser receiving window
- ③ Reference notch
- ④ Fold-out reference notch
- ⑤ Optical LED target guidance (red, orange, green)
- ⑥ Easy to read digital display
- ⑦ Accuracy level selection
- ⑧ On / Off
- ⑨ Volume selection
- ⑩ Positioning button left/right
- ⑪ Automatic fine adjustment
- ⑫ Shock-absorbent soft-grip casing
- ⑬ The magnetic bracket can be fastened onto the receiver in two positions. For vertical and horizontal operation.



**Displays** on the front and rear.



**Strong magnetic connection point** for the bracket.



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



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

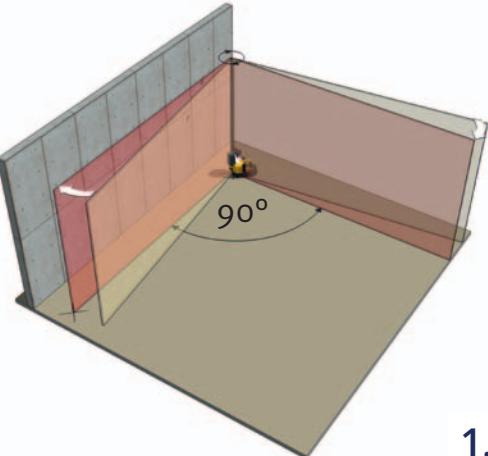


▲ Transfer of the layout from the floor to walls and ceilings.

**The LA 90 L: Motor-driven, self-leveling line laser. For rapid and safe work with visible laser lines. Range up to 60 ft.**



MANUAL ALIGNMENT



◀ LA 90 L: The laser is manually positioned onto the mark with the fine adjustment dial on the housing. This controls the right angle.



LA 90 L: 2 vertical lines, 1 horizontal line and plumb function.

**Sharp, bright lines indoors.**



▲ Range of the visible laser lines up to 60 ft indoors.

◀ The **shape of the housing** allows the laser to be easily positioned against the wall or in corners.



## Layout Station LA 180 L



**The LA 180 L laser set:** Type LA 180 L multi-line laser, REC 410 Line RF receiver with bracket, laser goggles, 2 target plates, carrying case.

Laser class	Output	Laser wavelength	Self-leveling range horizontal	Leveling accuracy	Line straightness	Range of visible line indoors	Range with receiver**	Batteries included	Battery run-time	Cat. No.
<b>2</b>	<b>&lt;1 mW</b>	<b>635 nm</b>	<b>approx. <math>\pm 5^\circ</math></b>	<b><math>\pm \frac{3}{32}''</math> over 100 ft.</b>	<b><math>\pm \frac{1}{8}''</math> over 100 ft.</b>	<b>Up to 60 ft.*</b>	<b>Up to 300 ft.</b>	<b>4 x D 1.5 V</b>	<b>approx. 20 h</b>	<b>02180</b>

\* Indoors in typical working conditions. \*\* In a straight line the range is up to 210 ft. and 90 ft. at an angle of  $45^\circ$  to the instrument's axis.



## Layout Station LA 90 L



**The LA 90 L laser set:** Type LA 90 L multi-line laser, laser goggles, 2 target plates, carrying case.

Laser class	Output	Laser wavelength	Self-leveling range horizontal	Leveling accuracy	Line straightness	Range of visible line indoors	Batteries included	Battery run-time	Cat. No.
<b>2</b>	<b>&lt;1 mW</b>	<b>635 nm</b>	<b>approx. <math>\pm 5^\circ</math></b>	<b><math>\pm \frac{3}{32}''</math> over 100 ft.</b>	<b><math>\pm \frac{1}{8}''</math> over 100 ft.</b>	<b>Up to 60 ft.*</b>	<b>4 x D 1.5 V</b>	<b>approx. 20 h</b>	<b>02090</b>

\* Indoors in typical working conditions.

### LA 90 L: optional accessories

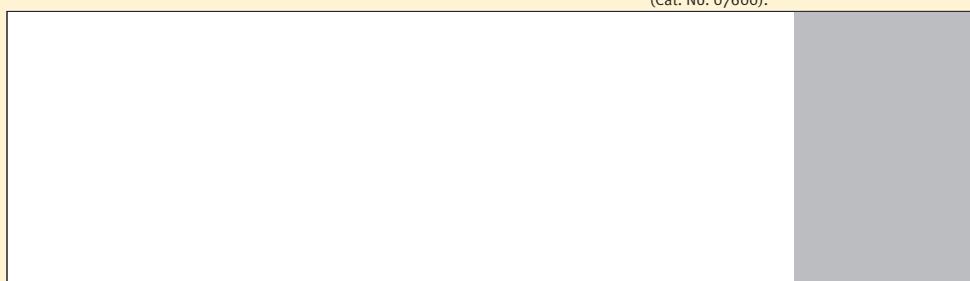


The REC 210 Line receiver  
(Cat. No. 07330).

### LA 90 L / LA 180 L: optional accessories



Re-chargeable battery unit: battery unit, power supply unit and adapter plugs for 4 countries  
(Cat. No. 07600).



STABILA, Inc