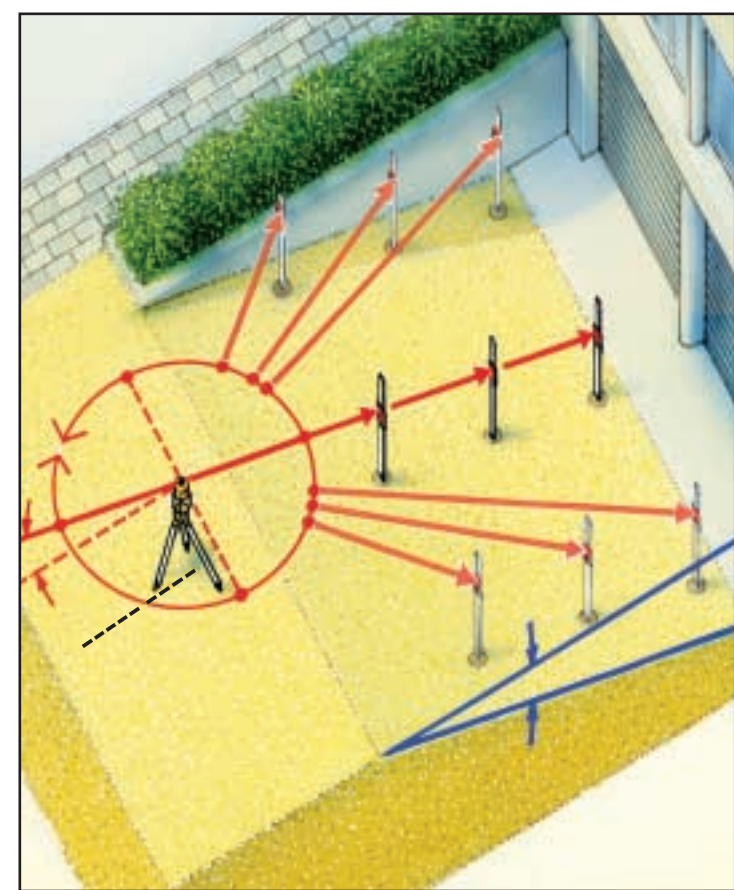


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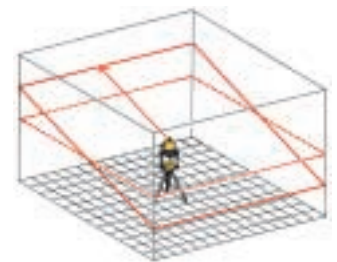


LAR 100
self-levelling
5-function
rotation laser

MADE IN GERMANY



Easy gradient control:
If a STABILA receiver (standard equipment) is fastened to a levelling rod (optional accessory), the gradient being produced can be checked, for instance during excavation work. The fastest checking system conceivable.



1. function

Inclination mode:
The STABILA LAR 100's levelling plane can be tilted 5° in one direction by remote control.



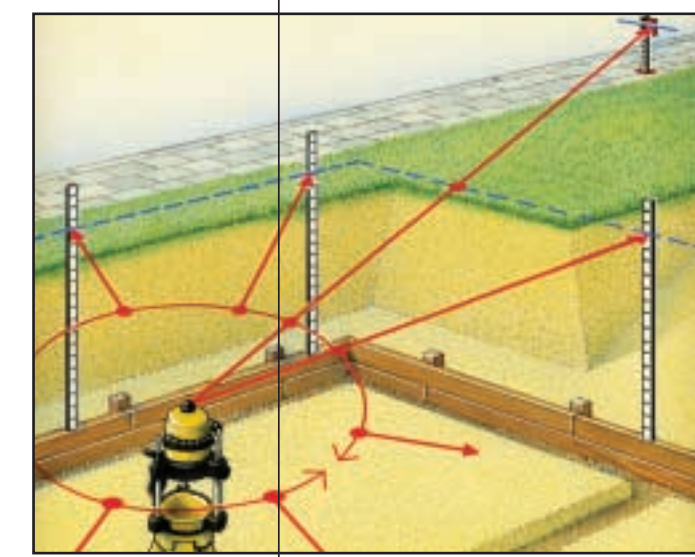
Integral height adjustment:
The laser housing can be adjusted by approx. 80 mm within the frame. Ideal for fine-tuning on a construction tripod.



Convenient remote control:
The remote control makes operating the laser easier, particularly when working at great heights. Some examples of the functions: ± rotation speed, laser dot to the left or right, scanning line to the left or right, ± scanning line width, laser plane to the left or right, ± inclination of the laser plane.



MADE IN GERMANY

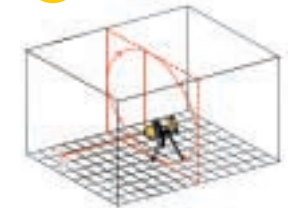


2. function



Horizontal rotation:
The STABILA LAR 100 levels itself automatically. Depending on the ambient light, the visible laser beam is used for marking out or is received by the receiver.

3. function



Vertical rotation:
The STABILA LAR 100 has a second tripod connection for vertical levelling. Using the remote control, the vertical levelling plane can be pivoted by ± 5°. The automatic self-levelling system also works if the laser is placed directly on the ground.



STABILA LAR 100 ■ Automatic levelling for quick and accurate work. ■ Horizontal and vertical mounting on a tripod, the base plate or the ground, etc. ■ Motorised automatic levelling for greater accuracy. ■ Continuous levelling compensates for the effects of any vibrations. ■ Sturdy protective guards and rubber seals. ■ Convenient remote control.

Self-levelling 5-function rotation laser LAR 100



LAR 100 with remote control Receiver with mounting plate Laser goggles Target plate with rule Carrying case

LAR 100 complete set: LAR 100, remote control, receiver with mounting plate, laser goggles, target plate with rule, carrying case.



STABILA spirit levels



STABILA rules



STABILA laser measuring instruments



STABILA measuring tapes

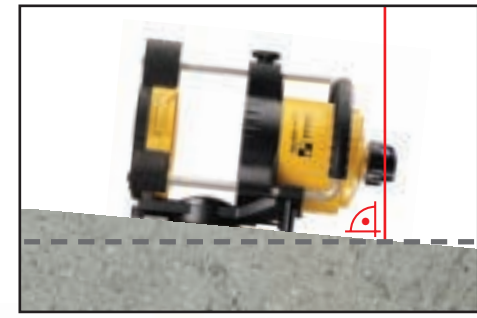


STABILA laser accessories



STABILA levelling boards

15996 08 / 04 GB



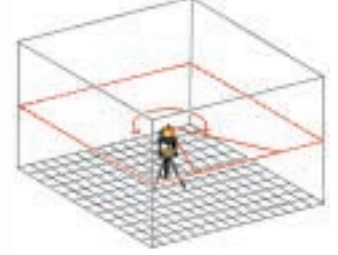
Automatic levelling in all positions:
The STABILA LAR 100 levels itself automatically within a range of $\pm 5^\circ$ whether standing upright or lying flat. This saves time when setting up the tripod and also enables it to be used on uneven surfaces.



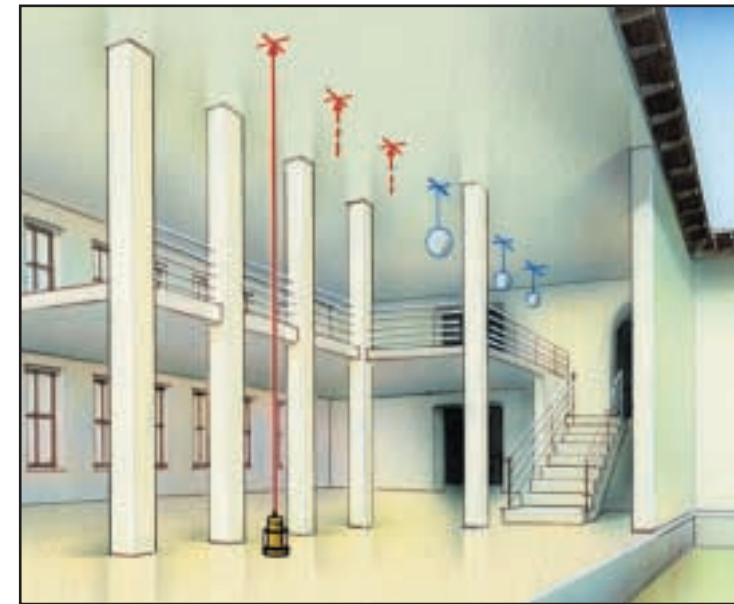
Tilt function and continuous automatic levelling:
To a certain extent, the unit automatically compensates for the vibrations and jolts typically encountered on building sites. If these become too great, the Tilt function engages and stops the rotation. An LED indicates the fault. If necessary, the unit can be switched to automatic operation with continuous levelling. Minor deviations from the horizontal caused by vibrations are then corrected automatically.



4. function



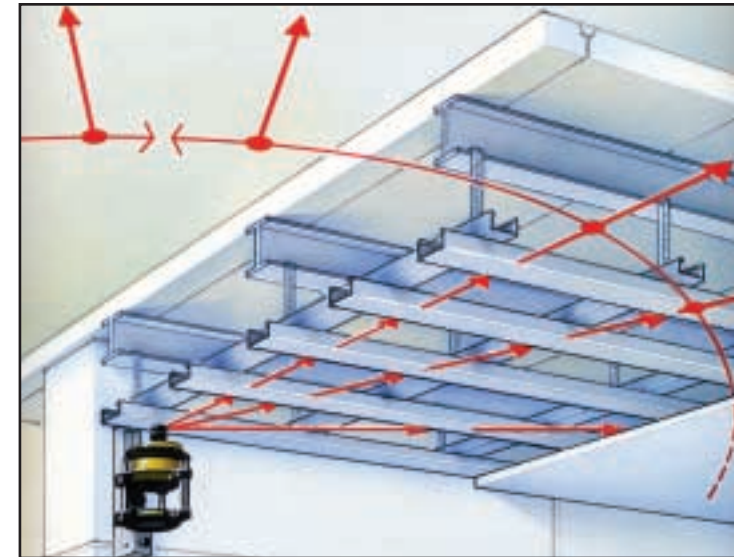
Horizontal Scan mode:
Using the remote control, the unit can be switched to Scan mode (line function). This produces an easily visible line, particularly indoors, whose width and direction can be adjusted with the remote control.



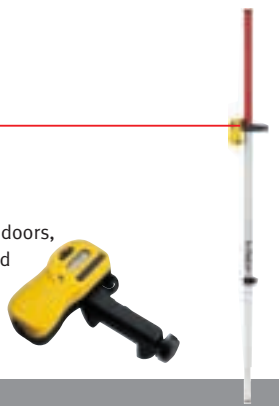
5. function


Plumbline:
There are four marks on the base of the STABILA LAR 100. These enable the rotation laser to be aligned to a marking on the floor. The laser then carries a precise plumbline to the ceiling.

Wall bracket:
Helpful, for example, when fitting floors and ceilings. Available as an accessory, the wall bracket can either be fitted on a screw or hung from a ceiling profile. The laser's position is fine tuned using the quick-locking height adjustment and the two setting screws. All the essential laser functions can be controlled via remote control.



Determining the measurement point using the receiver:
When levelling over long distances out of doors, the receiver is attached to a measuring rod and audibly announces that the laser signal has been received, making one man operation simple and convenient.



	Output		Laser wavelength	Self-levelling range
	< 1 mW	635 nm	ca. $\pm 5^\circ$	
	Accuracy		Receiver range	Batteries (inclusive)
Laser class 2	$\pm 0,1 \text{ mm/m}$	150 m	2 x LR 20	
Type	LAR 100	Art. No	15993	EAN 4005069159931

If the beam of a Class 2 laser should accidentally enter the eye of an observer for a short period, the eye is protected by the reflex action of closing the eye-lid and / or looking away. These lasers may therefore be used without any further protective measures. However, you should not look directly into the laser beam.