

STABILA®



...sets standards



New: the LAX 200 crossed line laser, the LD 300 and LD 400 laser distance measurers

Innovative measurement technology for real professionals.

ACCURATE. TOUGH. RELIABLE. EASY-TO-USE.



Three new measuring instruments – specially developed for craftsmen. If you have them, you're out in front.



LAX 200



LD 300



LD 400

Measure faster and more flexibly with the new crossed line laser and the two new distance measurers. The investment in modern STABILA measurement technology will pay for itself in a very short time. And to ensure you are happy with the precise technology, STABILA has designed all three to be particularly robust and provided them with a special coating.

→ Ideal for tilers ...





STABILA LAX 200: you'll master it in a moment.

The new crossed line laser with innovative technology such as a casing that can turn through 360°, a "parked position", locking mechanism and long, ultra-sharp wide angle lines.

→ Ideal for dry-wallers ...



Rare earth magnet and V groove → rapid alignment on rectangular and round metal bars and pipes thanks to the rotatable casing.



Parked position: optimal protection of the optical system against dust and scratches by turning the instrument through 180° in the U-shaped holder.



V groove and a rare earth magnet – 5 times stronger than ordinary ferrite magnets: optimal hold on metal bars and tubes.

- **Ideal for inside work:** the casing in the U-shaped holder can be rotated through 360°. The complete room can be scanned.
- Self-levelling, **ultra-sharp**, long laser lines.
- **Locked position:** allows slopes to be marked.
- **Pulsed lines for external applications:** working range up to 250 m with the REC 210 Line* receiver.
- **Easy positioning:** On the ground, on a tripod, on metal with the V groove and the rare earth magnet, on the wall bracket.
- **Perfect protection for the measuring unit:** automatic pendulum locking. The optical equipment is fully protected in the parked position. Optimal dust protection.
- **Robust:** STABILA anti-shock-system with impact-absorbent cover. Optimal protection for the casing also at corners and edges.

MADE IN GERMANY

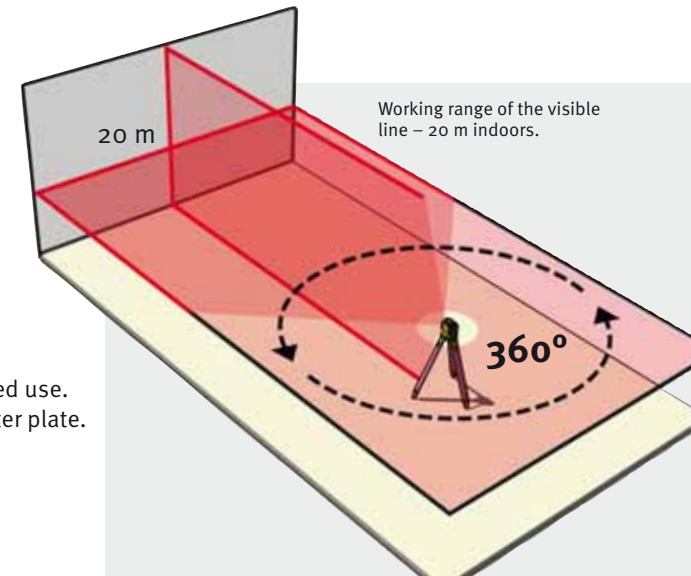


Range 250 m when the REC 210 Line* receiver is used.



Rotating plate* for 360° unrestricted use. Can also be used as a tripod adapter plate.

* Included in the complete kit.





→ Ideal for electricians ...



- Very long laser lines provided by the 150° aperture → positioning the LAX 200 is often all you have to do.
 - Suspend ceilings using the wall bracket* and target plate* → Easy alignment thanks to compact dimensions and low weight.
- * Included in the complete kit.



→ Ideal for fitting out ...



**MADE IN
GERMANY**

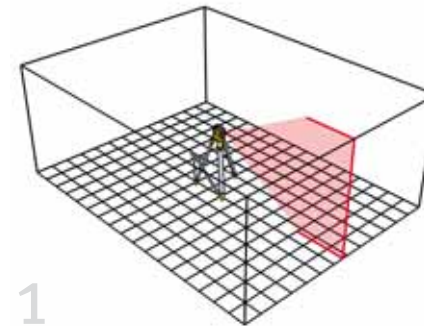


Innovative technology for tilers, dry wallers, carpenters and joiners, electricians, plumbers, steel erectors and brick-layers.

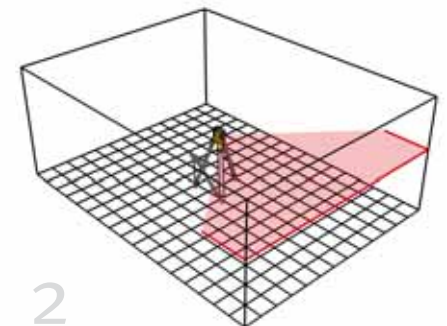


360° unrestricted rotation on the rotation plate*
→ the LAX 200 can be used as a rotation laser.

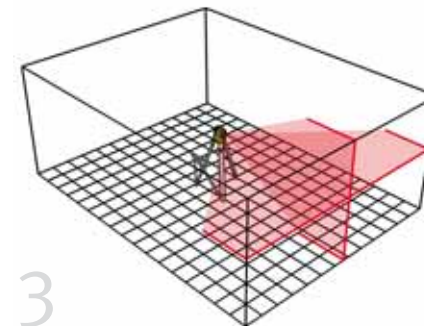
Simple function change using only one button.



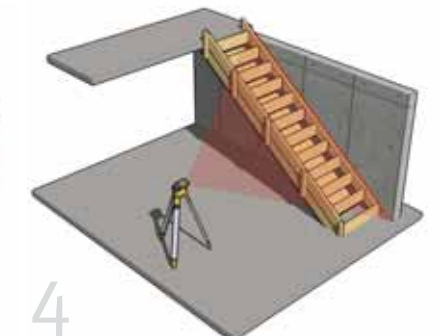
1 Vertical line at the touch of a button.



2 Horizontal line at the touch of a button.



3 Cross lines at the touch of a button.



4 Locking at the touch of a button.
Recommended optional accessories: Type NKL tripod incline wedge (article number 16782/0).

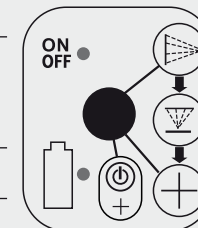


One button operation – Membrane switch with a clear pressure point:

Switching on and off with automatic pendulum locking

Battery warning

4. Locked position



1. Vertical line

2. Horizontal line

3. Crossed line



Flexible receiver use: you can position the REC 210 Line* receiver directly on the target by hand or fasten it to the STABILA NL aluminium levelling rod (optional accessory article number 07468/5).



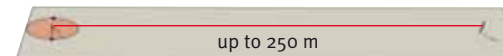
Horizontal operation: simple height transfer with the REC 210 Line* receiver.
Vertical operation: setting out and measuring shuttering.

The complete kit makes you fully independent:

- You have to level even over long distances – and therefore use the REC 210 Line* line receiver.
- You have to level outdoors or even in bright light indoors. The REC 210 Line* receiver makes this possible.
- You want to rotate the LAX 200 on the rotation plate through 360° without restriction in order to take advantage of the rotation effect.
- You work with the construction tripod and therefore use the rotation plate* as a tripod adapter.
- You are installing suspended ceilings and use the LAX 200 along with the wall bracket* and target plate*.

*** Included in the complete kit.**

Sensational range of up to 250m with the REC 210 Line* receiver.



Work as if it were a rotation laser.

The range is up to 250 m straight ahead and 35 m when working at a 45° angle to the instrument's axis.

→ **Ideal for brick-layers, reinforced concrete contractors ...**

→ **Ideal for small sites**

Two kits – you choose which one.

Included in the LAX 200 Basic Kit:

1. Type LAX 200 crossed line laser
2. Belt pouch

Included in the LAX 200 Complete Kit:

1. Type LAX 200 crossed line laser
2. Belt pouch
3. REC 210 Line receiver
4. Rotation plate
5. Wall bracket
6. Laser goggles
7. Target plate
8. Robust carrying case



Output	Laser wavelength	Self-levelling range horizontal	Batteries included
< 1 mW	635 nm	approx. ± 4.5°	3 x D 1.5 V

Levelling accuracy	Line straightness	Range, visible crossed line	Range with receiver
± 0.3 mm/m	± 0.2 mm/m	20 m*	Up to 250 m

Type	LAX 200	Art. no. Basic Kit	17282	EAN	4005069 172824
Type	LAX 200	Art. no. Complete Kit	17283	EAN	4005069 172831

* Indoors under typical operating conditions.



The eye is protected against momentary direct exposure to the laser beam of class 2 laser equipment by the reflex action of closing the lid and/or the reaction of turning away. These instruments may therefore be used without the use of further protective measures. Nevertheless, you should not look directly into the laser beam.



The STABILA LD 300/LD 400 laser distance measurers: ideal for all craftsmen working indoors.

Measure up to **30 m**



Measure up to **60 m**

The new laser distance measurers: which is best for you?

Properties	LD 300	LD 400
Robust thanks to the STABILA anti-shock system	Yes	Yes
Non-slip casing design	Yes	Yes
Functions	5: length, area, volume, tracking (continuous measurement), Pythagoras function with two measuring points	11: length, area, volume, tracking (continuous measurement), Pythagoras function with two measuring points, Pythagoras function with three measuring points, cumulative dimensions, timer, marking out function
Timer function	Yes	Yes
Memory	No	Yes (the last 10 values)
Pull-out extension-piece for positioning in corners and on edges	No	Yes (manual reference switching)
Measurement reference	Front, rear	Front, rear, extension-piece edge
Brightly illuminated display	Yes	Yes
Large, legible figures	Yes	Yes

Technical data	LD 300	LD 400
Measuring range	0.1 m to 30 m	0.05 m to 60 m
Accuracy of measurement	typically ± 2 mm	typically ± 1.5 mm
Display unit	1 mm	1 mm
Units	m, ft, inch	m, ft, inch
Laser	635 nm	635 nm
Protection class	IP 40	IP 54 (rain/dust)
Size	approx. 120 x 50 x 26 mm	approx. 120 x 50 x 26 mm
Weight	approx. 110 g (inc. batteries)	approx. 110 g (inc. batteries)
Battery life	Up to 3,000 measurements	Up to 5,000 measurements

Applies to both distance measurers:

Robust, impact-resistant casing with shock-absorbent softgrip cover. A building site is certainly not a featherbed. Both are robust and easy to handle. Easy to read, even in a dark cellar.



Measure up to 30 m




- Laser distance measurer LD 300:** the ideal STABILA laser distance measurer for all who want to take a lot of measurements indoors:
- Illuminated display
 - Large figures
 - Accuracy of measurement typically ± 2 mm
 - Easy to handle
 - All the basic functions



5 Functions:

Length, area, volume, tracking (continuous measurement), Pythagoras function with two measuring points

 Laser class 2	Output	Laser wavelength	Accuracy	Range	Battery life	Batteries included
	15 mW	635 nm	typically ± 2 mm	0.1 m to 30 m	Up to 3,000 measurements	2 x AAA
Type	LD 300	Art. no.	17264	EAN	4005069172640	

The eye is protected against momentary direct exposure to the laser beam of class 2 laser equipment by the reflex action of closing the lid and/or the reaction of turning away. These instruments may therefore be used without the use of further protective measures. Nevertheless, you should not look directly into the laser beam.

Belt pouch for easy carrying.





Measure up to **60 m**

Separate button for marking out function.



Belt pouch included.

Laser distance measurer

LD 400: do you seem to measure non-stop? Do you need a longer range? Then the LD 400 laser distance measurer is for you:

- A comprehensive range of functions including marking out
- Memory (the last 10 values)
- Illuminated display
- Accuracy of measurement typically ± 1.5 mm
- The extra for the professional – the pull-out extension-piece

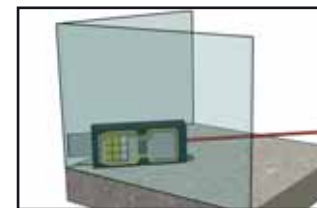


11 Functions:

Length, area, volume, tracking (continuous measurement), minimum tracking, maximum tracking, Pythagoras function with two measuring points, Pythagoras function with three measuring points, cumulative dimensions, timer, marking out function

	Output	Laser wavelength	Accuracy	Range	Battery life	Batteries included
	<1 mW	635 nm	typically ± 1.5 mm	0.05 m to 60 m	Up to 5,000 measurements	2 x AAA
Laser class 2	Type	LD 400	Art. no.	17263	EAN	4005069172633

The eye is protected against momentary direct exposure to the laser beam of class 2 laser equipment by the reflex action of closing the lid and/or the reaction of turning away. These instruments may therefore be used without the use of further protective measures. Nevertheless, you should not look directly into the laser beam.

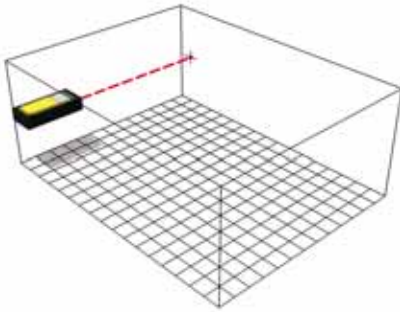


Metal extension-piece in the 90° position: measurement includes the casing length from corners.



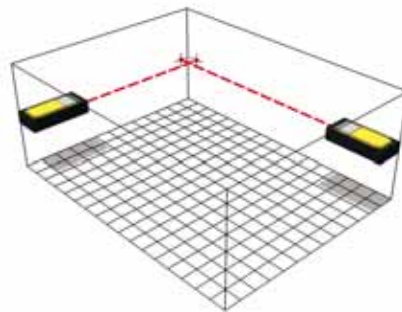
1

LD
300
400



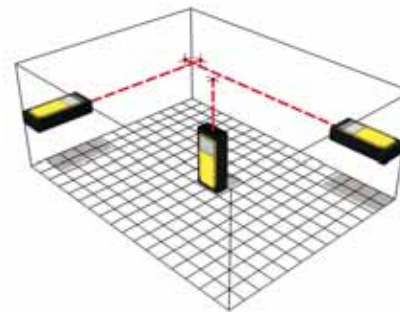
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LD
300
400



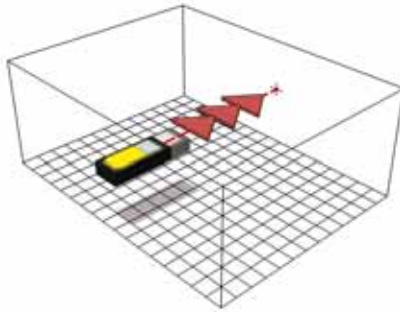
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LD
300
400



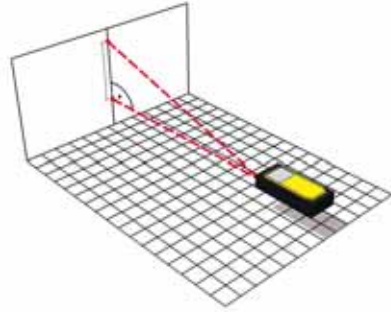
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LD
300
400



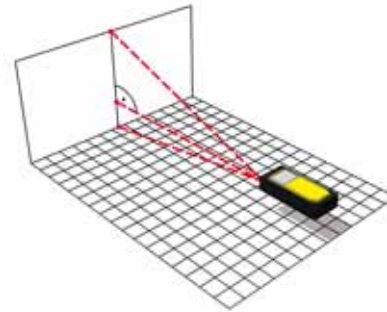
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LD
300
400



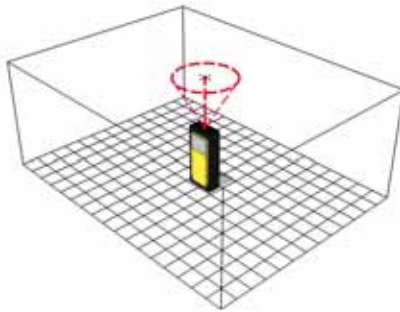
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LD
-
400



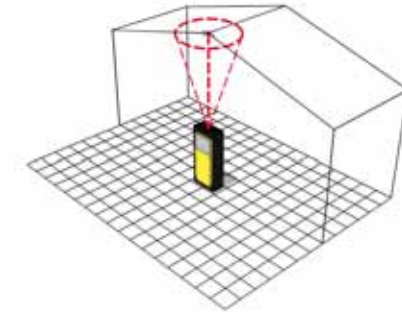
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LD
-
400



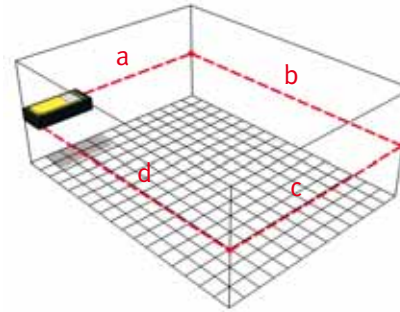
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LD
-
400



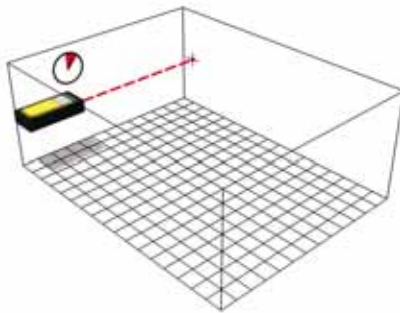
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LD
-
400



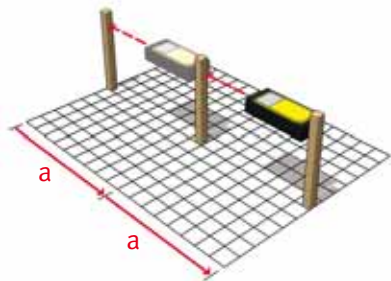
10

LD
-
400



11

LD
-
400



Function summary:

1. Length measurement.
2. Area measurement.
3. Volume measurement
4. Tracking (continuous measurement).
5. Pythagoras function with two measurement points.
6. Pythagoras function with three measurement points.
7. The minimum continuous measurement function establishes the shortest distance between two points (minimum tracking).
8. Continuous measurement, e. g. to determine the maximum diagonal dimension (maximum tracking).
9. Cumulative e. g. for vibration-free measurements from a tripod.
11. Marking out required distances.



What other good things does STABILA offer the craftsman?



The LAR 250 rotation laser: extremely robust due to its patented Protector System. Ideal for large construction sites. 8 functions in one instrument. → for foundations/pipeline installation, reinforced concrete work, roadworks/garden lay-out and landscaping, dry lining, installation and erection work.



The LA-2PL plumb-level line laser: a rapid pendulum laser with a two-directional plumb laser. Easy marking-out and dimension transfer even in high spaces. Ultra-sharp wide-angle horizontal line. Shock-absorbent softgrip cover. → For carpenters and joiners, window installation, fitting-out, plumbing and sanitary work.



The LA-4P 4 point laser: small, compact, one-hand operation. Ready for work as quick as a flash. Rare earth magnets. Comes with a wall bracket and multi-purpose platform as standard. Shock-absorbent softgrip cover. → For dry walling, wood and metal frame construction, reinforced concrete work.

Our technical hot line will support you in all questions relating to product selection and use: phone +49-6346-309-0. And you can also, of course, send an email to info@stabila.de.