

Leica Lino

Outstanding performance and versatile adapters designed for building applications

All our Leica Lino products are designed for professionals with the same aim in mind as all our Leica Geosystems products: Making your work easier, and improving your results, by providing excellent quality, performance and well conceived accessories. Because top-quality products are for top-quality work.



Our unique technologies

Technology from Leica Geosystems

Outstanding visibility



All Leica Lino products incorporate decades of knowledge and experience in the fields of optics and electronics. The results are outstanding visibility and high accuracy of our red and green lasers.

Li-Ion



The Leica Lino has a Li-Ion battery which ensures continuous working. A single charge provides a 24-hour battery life.

Magnetic adapters



The Leica Lino products can easily be connected to precision engineered adapters via strong magnets, allowing you to work faster and more precisely.

Ruggedness



Leica Lino products are well crafted with high quality materials, therefore perfectly suited for construction sites. Each product is fully tested to meet Leica Geosystems quality standards.

The Leica Lino series at a glance

Which laser is right for me?



Applications		L2	L2G	L2P5	L2P5G	L4P1	P5	ML180
General important aspects	Green laser for better point and line visibility		●		●			
	Recommended maximum working range	25m	35m	25m	35m	15m	30m	20m
	Levelling accuracy	± 0.2 mm/m	± 0.2 mm/m	± 0.2 mm/m	± 0.2 mm/m	± 0.2 mm/m	± 0.2 mm/m	± 0.07 mm/m
Horizontal	Alignment	●	●	●	●	●	(●)	●
	Transferring heights	●	●	●	●	●	(●)	●
	Fine adjustment for e.g. suspended ceilings	●*	●*	●*	●*			
Vertical	Alignment	●	●	●	●	●	(●)	●
	Fine adjustment manual					●		●
	Fine adjustment motorized (XCR catch)							●
Plumbing	Transferring points from floor to ceiling			●	●	(●)	●	(●)
Slopes	Lock laser for slope alignment	●	●	●	●	●		
Stake-out	Rectangular angles			●	●	●	●	●
Usability	Extra long operation with Li-Ion power	●**	●	●	●	●	●**	
	Operation during charging	●**	●	●	●	●	●**	●
	Alternative usage with Alkaline batteries	●	●	●	●	●	●	●
	Remote control							●
	Easiest setup to adapter with magnets	●	●	●	●		●	
	Range extension with receiver	●	●	●	●	●		●

*) UAL 130 accessory required ***) Li-Ion accessory required

Leica Lino ML180

One man layout with auto-alignment

The Smart Targeting function makes it possible to produce layout drawings efficiently on your own. Simply align the laser line with its XCR Catch receiver at the press of a button. The precision of the electronic self-leveling system allows you to produce accurate long-distance layouts of up to 100 m, helping you to avoid expensive measurement errors.



Leica Lino L4P1

Powerful & versatile for all interior applications

The Leica Lino L4P1 is the most versatile across its range. It covers many different applications with its multi-line projection. It turns 360° on its base plate which makes the marking of 90° anywhere in a room an easy and simple task.

Li-Ion: 24h battery life on a single charge

Innovative Li-Ion power: The long life Li-Ion batteries allow you to work uninterrupted for 24 hours. The batteries are rechargeable and more cost efficient than standard Alkaline batteries.

Smart Power: Li-Ion exchangeable with Alkaline

"Always ready to work" – In case you forgot to charge the Li-Ion batteries you can easily replace them with standard Alkaline batteries.

360° rotation base for high-speed layouts

The Lino L4P1 can produce high-speed layouts of whole rooms. It rotates 360° over a selected point and its fine adjustment option allows for quick vertical laser line targeting.



Leica Lino line and point lasers

Excel on every point across the whole range

Li-Ion

Innovative Li-Ion power lasts for hours. There is no interruption to your work for battery charging or to constantly exchange Alkaline batteries.

Triple power concept

Run your laser with Li-Ion, Alkaline or connect it to the power supply. Continue working with the smart triple power concept.

Smart adapters

Smart adapters allow you to position the instrument quickly and with absolute precision. Set up the rotatable adapters over edges and profiles, attach it to iron pipes or to various tracks and bars.

Self-leveling

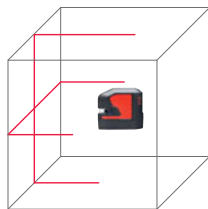
The Leica Lino automatically adjusts its positioning if it is slightly out of level (up to $\pm 4^\circ$). If the tilt is outside the $\pm 4^\circ$ limit, the instrument activates a visual alert to prevent errors. This means its setup to project lines or dots is quick and effortless.

Large glass lens

The optimum emergence angle ensures outstanding visibility and extension of the laser lines and allows for perfect leveling and alignment at long distances.

Rugged design

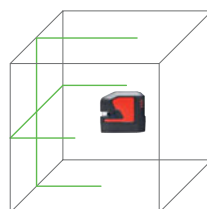
All Leica Linos are dust and spray water protected. This makes them tough instruments suitable for today's jobsite conditions.



Lino L2

You can rely on its sharp lines

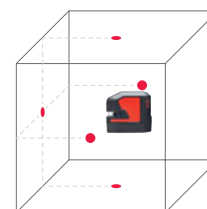
Time-consuming and tedious drawing of lines on walls is a thing of the past. The Leica Lino L2 projects them exactly, quickly and easily while you concentrate on the job in hand. The increased laser power enhances line visibility and improves the efficiency of interior work.



Lino L2G

Visibility on a new level

The Leica Lino L2G cross-line laser projects highly visible lines at the correct angles to one another. Its new laser uses the latest green laser technology which makes lines even more visible and clear. As a result, this laser will make it easier for you to see your reference lines, even in extreme lighting conditions or over long distances.

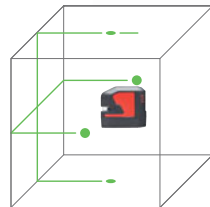
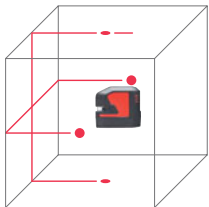
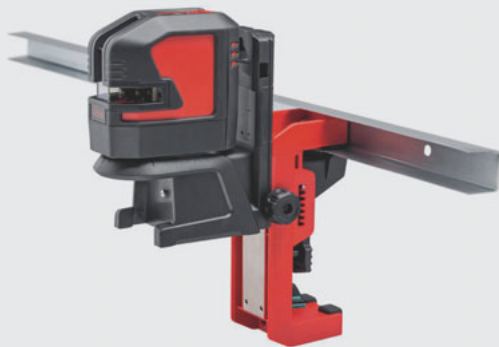


Lino P5

Right to the point!

Forget about plumb bobs, string lines and spirit levels! The Leica Lino P5 point laser is practical and simple to operate. Just one button is needed for all its applications. It quickly and accurately projects all the points you need which makes it an efficient solution for professional plumbing and alignment tasks.

Magnetic adapter



Lino L2P5

Combining points and lines

The Leica Lino L2P5 combines all advantages of the Leica Lino point and line lasers. The laser's cross lines support your alignment tasks and its five laser points allow you to plumb, set out or transfer measured points. The proven Leica optics enable the device to project very long and bright lines which extends the working range significantly.

Lino L2P5G

Multi-functionality with highest visibility

The Leica Lino L2P5G has green line and dot lasers. It increases laser visibility in bright environments and large rooms. Green light has a higher visibility to the human eye compared to red light. The use of Li-Ion battery technology further optimises the instruments usability. It allows it to run over two working days on just one battery charge.

Leica Lino Original accessories

Tripods >

Leica TRI 70



The small portable tripod is intended for every-day use. Its features include easy fine adjustment and a bubble level. Extendible length from 0.40 m to 1.15 m. Art. No. 794 963

Leica CET 103



Professional, multifunctional aluminium elevator tripod with 5/8" fixing screw, shoulder strap, fast clamps and bubble, working height 0.84 m – 2.46 m, with mm-scale, exchangeable rubber feet. Art. No. 768 033

Leica TRI 100



Quality tripod with bubble level, very easy fine adjustment. Extendible length from 0.70 m to 1.74 m. Art. No. 757 938

Leica CLR 290 clamp rod



With universal mounting platform for line and rotating lasers. Extendible length up to 2.90 m. The clamp rod can be fixed between the floor and ceiling. This allows the laser to be positioned at any desired height. Art. No. 761 762

Adapter for Lino >

Leica UAL 130



The universal adapter for Lino allows to attach and adjust the height of a Leica Lino by 130 mm easily and precisely. Can be used for the new Leica Lino L2, L2G, L2P5, L2P5G and P5. Art. No. 866 131

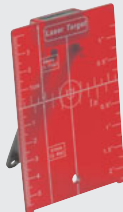
Target Plates >

Leica target plate ● for green line lasers



For visualisation of green laser lines in open space. With scale, magnet and foldable stand for easy placement. Size: 150 x 74 mm. Art. No. 823 195

Leica target plate for red line lasers



For visualisation of red laser lines in open space. With scale, magnet and foldable stand for easy placement. Size: 150 x 74 mm. Art. No. 758 831

Glasses >

Leica GLB 30 Laser glasses 3 in 1



For better visibility of the laser dot outdoors. With 3 different lenses: laser visibility glasses, safety glasses and sun glasses. Art. No. 780 117

Leica GLB 10R/GLB 10G ● ●



Red and green laser glasses for improved visibility of laser lines and dots in bright rooms and outdoors up to 15 m. Art. No. 834 534 (for red lasers) Art. No. 772 796 (for green lasers)

Receivers >

Leica RGR 200 ●



One laser receiver for all! Robust IP 65 housing with front and back side display, incl. magnets for ceiling attachment. Locating red and green laser beams at distances up to 80 m. For Leica Lino L2, L2G, L2P5, L2P5G and L4P1. Art. No. 866 090

Leica RVL 80



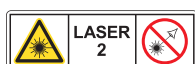
Locating red laser lines at a distance up to 80 m. For Leica Lino L2, L2P5 and L4P1. Art. No. 838 757

Technical data

Technical data	L2		L2G	L2P5	L2P5G	L4P1	P5	ML90	ML180
Art. No.	848435	864413	864420	864431	864435	834838	864427	784437	784438
Range*	25 m		35 m	25 m	35 m	15 m	30 m	20 m	20 m
Range with laser receiver*	80 m		80 m	80 m	80 m	80 m		100 m	100 m
Smart targeting									●
Levelling accuracy	± 0.2 mm/m		± 0.2 mm/m	± 0.2 mm/m	± 0.2 mm/m	± 0.2 mm/m	± 0.2 mm/m	± 0.07 mm/m	± 0.07 mm/m
Self-levelling range	± 4°		± 4°	± 4°	± 4°	± 3°	± 4°	± 5°	± 5°
# of laser dots				4	4	1	5	1	1
# of laser lines	2		2	2	2	4		3	4
Beam direction	vertical, horizontal		vertical, horizontal	vertical, horizontal, up, down, right, left	vertical, horizontal, up, down, right, left	3 vertical, 1 horizontal, 1 plumb down	up, down, forward, right, left	vertical forward + right, horizontal, plumb down	vertical forward + right + left, horizontal, plumb down
Dot accuracy				± 0.2 mm/m	± 0.2 mm/m	± 0.2 mm/m	± 0.2 mm/m	± 0.1 mm/m	± 0.1 mm/m
Horizontal line accuracy	± 0.3 mm/m		± 0.3 mm/m	± 0.3 mm/m	± 0.3 mm/m	± 0.2 mm/m		± 0.07 mm/m	± 0.07 mm/m
Vertical line accuracy	± 0.3 mm/m		± 0.3 mm/m	± 0.3 mm/m	± 0.3 mm/m	± 0.2 mm/m		± 0.07 mm/m	± 0.07 mm/m
Laser type	635 nm/class 2		525 nm/class 2	635 nm/class 2	525 nm/class 2	635 nm/class 2	635 nm/class 2	635 nm/class 2	635 nm/class 2
Battery type	AA 3 x 1.5V	Li-Ion rechargeable (or AA 3 x 1.5V)	Li-Ion rechargeable (or AA 3 x 1.5V)	Li-Ion rechargeable (or AA 3 x 1.5V)	Li-Ion rechargeable (or AA 3 x 1.5V)	Li-Ion rechargeable (or AA 4 x 1.5V)	AA 3 x 1.5V	NiMH rechargeable (or D 2 x 1.5V)	NiMH rechargeable (or D 2 x 1.5V)
Operating time **	up to 13 h (AA)	up to 44 h (Li-Ion)	up to 28 h (Li-Ion)	up to 44 h (Li-Ion)	up to 28 h (Li-Ion)	up to 24 h (Li-Ion)	up to 37 h (AA)	up to 15 h (NiMH)	up to 12 h (NiMH)
Protection class	IP 54	IP 54	IP 54	IP 54	IP 54	IP 54	IP 54	IP 54	IP 54
Dimensions	110 x 60 x 100 mm	110 x 60 x 100 mm	110 x 60 x 100 mm	110 x 60 x 100 mm	110 x 60 x 100 mm	147 x 147 x 181 mm	110 x 60 x 100 mm	250 x 159 x 230 mm	250 x 159 x 230 mm
Weight with batteries	500 g	530 g	530 g	530 g	530 g	1173 g	495 g	2200 g	2200 g
Tripod thread	1/4"	1/4"	1/4"	1/4"	1/4"	5/8" + 1/4"	1/4"	5/8"	5/8"
Scope of delivery	L2, TWIST 250, Alkaline battery tray, batteries, target plate, soft pouch	L2, TWIST 250, Li-Ion battery pack, charger, Alkaline battery tray, target plate, hard case	L2G, TWIST 250, UAL 130, Li-Ion battery pack, charger, Alkaline battery tray, target plate, hard case	L2P5, TWIST 360, Li-Ion battery pack, charger, Alkaline battery tray, target plate, hard case	L2P5G, TWIST 360, UAL 130, Li-Ion battery pack, charger, Alkaline battery tray, target plate, hard case	L4P1, Li-Ion battery pack, charger, Alkaline battery tray, target plate, hard case	P5, TWIST 360, Alkaline battery tray, batteries, target plate, hard case	ML90, NiMH battery pack, charger, Alkaline battery tray, laser goggles, target plate, hard case	ML180, XCR Catch, NiMH battery pack, charger, Alkaline battery tray, laser goggles, target plate, hard case

Technical data receiver	RVL 80	RGR 200
Art. No.	838757	866090
Function	locating red laser lines	locating red and green laser lines
Working range*	5-80 m	2-80 m
Accuracy	± 1mm	± 1 mm, ± 3 mm
Accuracy channels	1	2
Detection window	20 mm	85 mm
Detectable spectrum	635 nm ± 5 nm red	635 nm ± 5 nm red, 525 nm ± 5 nm green
Automatic shut-off	10 min.	30 min.
Digital display		2
Illuminated display		front and back side
Fixing magnets		yes
Accustical signal	100 dB, 80 dB, 0 db switchable	100 dB, 80 dB, 0 db switchable
Battery type/life	PP3 1 x 9V/15h	AA 2 x 1.5 V/40h
Protection class	IP 54	IP 65
Dimensions	140 x 68 x 25 mm	158 x 73 x 26 mm
Weight with batteries	165 g	250 g
Scope of delivery	RVL 80, receiver bracket, batteries, soft pouch	RGR 200, tough receiver bracket, batteries,

For all devices



in accordance with IEC 60825-1

*) depending on lightning conditions
**) depending on laser mode