



LEICA LINO

Product presentation
February 2018

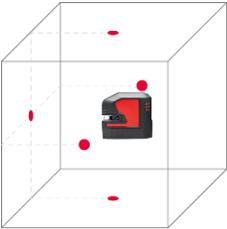
- when it has to be right

Leica
Geosystems

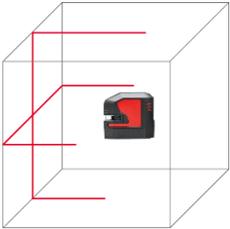
One powerful new platform



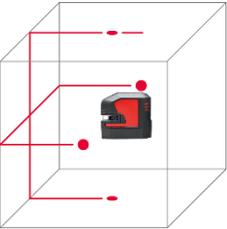
P5



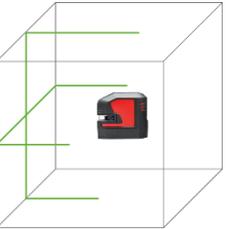
L2



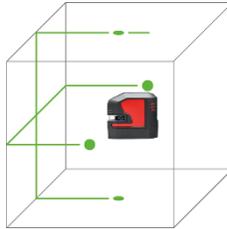
L2P5



L2G



L2P5G



Lino design specials

Impact-absorbing rubber pads



Triple power concept



Compact ergonomic design IP54



Self-levelling pendulum



Pendulum lock, metal inside



Automatic pulse mode for receiver

Intuitive one button operation

Extended vertical laser fan angle

Tough aluminum window frame

Huge horizontal laser fan angle



Always powered



Latest **Li-Ion** power technology allows for continuous operation up to **44 hours**



No interruptions, charging the Lino during operation is possible with its charger



The included battery tray makes it possible to power the Lino with **alkaline** batteries

What does it mean for the user?



Save a lot of money on batteries



Triple power concept means no down time

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Li-Ion



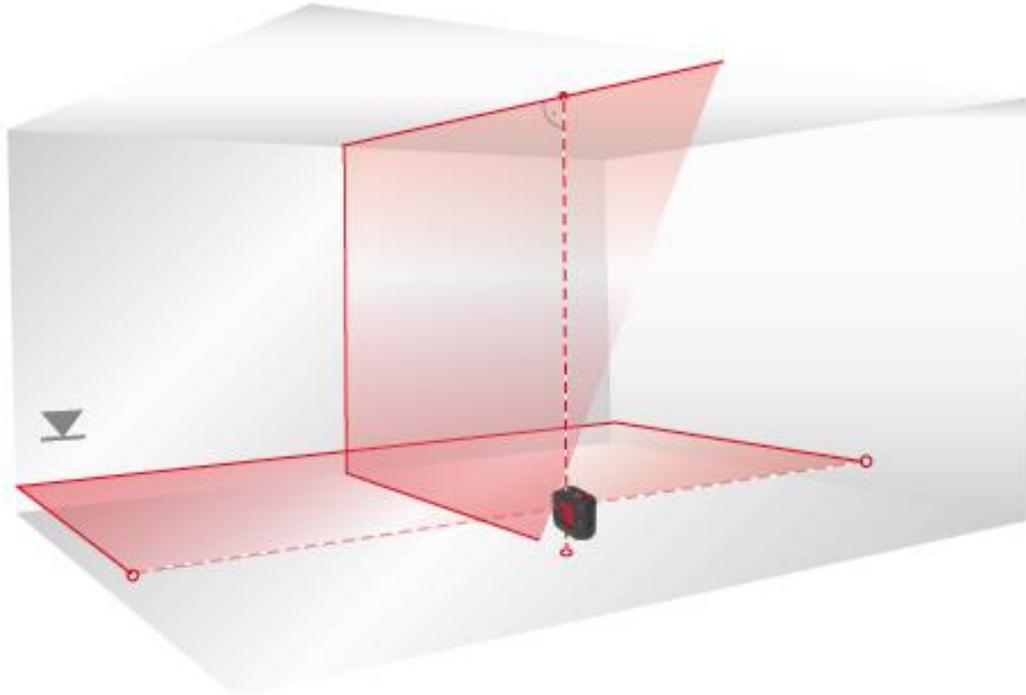
AC



Up to 44h on one charge

Alkaline not required

Extended laser fan angle



Special laser opening of $>180^\circ$ enables great laser visibility and very **long laser lines**



Projection of laser lines over the top **zenith** and even past the device itself



Original Leica **optics** protected by a tough aluminium frame for unmatched laser line quality

What does it mean for the user?



Crisp and visible laser lines across the entire room, including floors and corners



Save time transmitting measured points

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More power - better visibility



Best available red and green **power lasers** on the market



Long life expectancy made possible by unique laser control



Increased power with the best lasers on market, yet still **class 2**

What does it mean for the user?

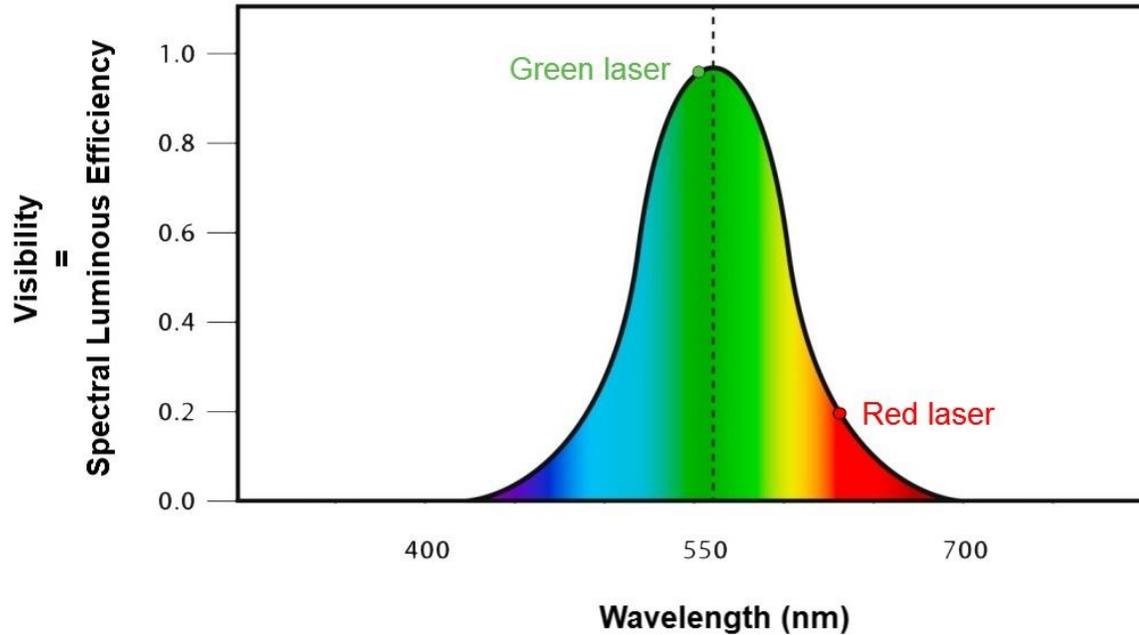


Visibility and reliability without compromise



Easy to use for everyone

Green because colour matters



 **Best visibility**
Green Laser

Source: National Physical Laboratory



The latest **green** laser technology is up to **4 times more** visible to the human eye compared to red ones



Power saving technology makes continuous operation of up to **28 hours** with green laser beams possible

What does it mean for the user?



Highly visible laser lines and points even in bright lighting conditions

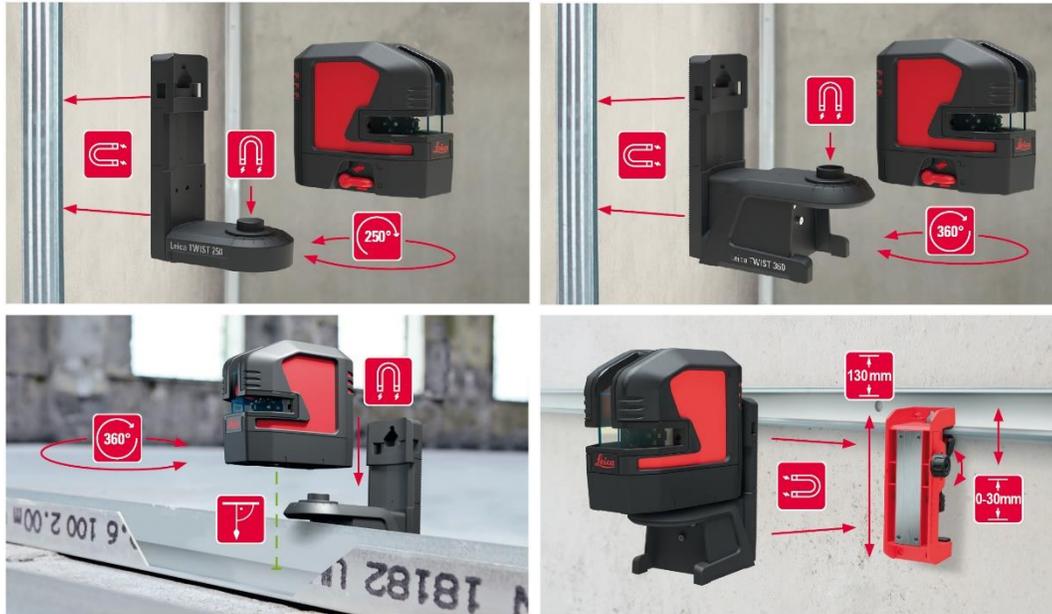


Increased output due to increased efficiency

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Smart magnetic adapters



**MAGNETIC
CONNECTOR**
by Leica Geosystems



Magnets at the back of the adapter offer **strong and quick** attachment to ferro-magnetic surfaces



Unique **MAGNETIC CONNECTOR** by Leica Geosystems connects the Lino to the adapter



TWIST 250 and TWIST 360 connect via strong magnets to the smart **wall mount** adapter

What does it mean for the user?



Connect the Lino with just one click to its adapter – no need to attach the device with the help of screws



Extended functionality

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UAL 130 wall mount adapter



Attach the adapter to tracks and bars up to 30 mm thick with the adjustable strong clamp



130mm flexible height adjustment made possible by a big gear wheel



Special big slots for **zip tie** or **nail** attachment and a **1/4"** and **5/8"** tripod thread are included

What does it mean for the user?



Smart support for the installation of suspended ceilings



Easily attached and quickly adjusted



**MAGNETIC
CONNECTOR**
by Leica Geosystems

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TWIST 360 magnetic adapter



Strong **magnets** allow to quickly attach the adapter to ferro-magnetic surfaces such as tracks or poles



Special large slots for **zip tie** or **nail** attachment and a **1/4"** and **5/8"** tripod thread are included



50mm stand-off height allows to position the Lino precisely over edges



Rotate the adapter **360°** around the plumb point

What does it mean for the user?



Fast positioning, rotate around the plumb point and set out right corners easily

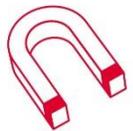


Various attachment options

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TWIST 250 magnetic adapter



**MAGNETIC
CONNECTOR**
by Leica Geosystems



Strong **magnets** allow to quickly attach the adapter to ferro-magnetic surfaces such as tracks or poles



Special large slots for **zip tie** or **nail** attachment and a **1/4"** and **5/8"** tripod thread are included



Rotate the adapter 250° horizontal

What does it mean for the user?



Smart adapter in a compact design allowing for multiple applications



Easily positioned at different heights

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Leica TWIST 360



**MAGNETIC
CONNECTOR**
by Leica Geosystems

The new Leica RGR 200 receiver



Works precisely with **red and green** Lino line lasers, 635 nm + 525 nm



80 m range indoor and outdoor



IP 65 protected against dust and water



Backlit displays on the front and back aim to optimise **precise readings**

What does it mean for the user?



Reliable results in bright sunlight and over long distances



Robust device designed for construction site conditions

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The new Leica RGR 200 receiver



Rugged receiver bracket for strong attachments to poles and levelling staffs



Withstands drop-heights of up to 1.2m due to **impact-absorbing** rubber pads



Strong **magnets** allow for metal attachment



Huge receiver window with **85 mm**

What does it mean for the user?



Flexible settings for different applications



Time saving - fast laser detection

▼ + 1,00m



Leica Lino target groups



Dry liners



Painters



Facility Management



Painter & Floorer



HVAC



Electricians & plumbers



Kitchen installers



Window Installer



Carpenter



Filming

And many more ...

One box that fits all



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Certified quality and assured reliability



Extend the warranty of your product

The Leica Geosystems products and Li-Ion batteries meet the highest quality demands. Register your product within 8 weeks of purchase at www.disto.com and benefit from our 3-year warranty, respectively 2-year warranty on Li-Ion batteries.



All devices must pass a lot of **tests** before leaving our factory



Temperature and **humidity** tests ensure stable measurements



Hardest requirements must be fulfilled even above industrial standards

What does it mean for the user?



Reliable results over the entire lifetime



Durability for many years

LEICA LINO
Rugged design



Technical data Lino

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"

Technical data Receiver

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 × 9V/15h	AA 2 × 1.5 V/40h
Protection class	IP 54	IP 65
Dimensions	140 × 68 × 25 mm	158 × 73 × 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

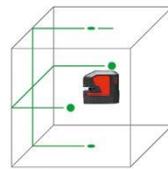
The Lino Family



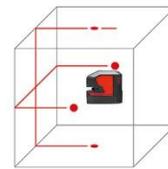
ML180



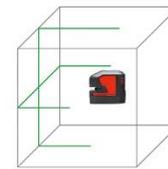
L4P1



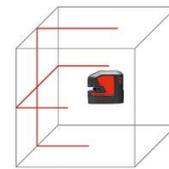
L2P5G



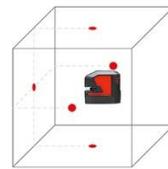
L2P5



L2G



L2



P5

- when it has to be right

Orders Leica Lino P5-1

Art. no.:	864427
EAN no.:	7640110697566
Units per pallet:	36 pieces
Weight (device including packaging):	3.7 kg
Size of individual package:	335 x 380 x 170 mm
Customs tariff number:	90153010
Country of origin:	China
Scope of delivery:	Leica Lino P5, Twist 360, Case, 3xAA batteries, Target Plate, Quickstart, Calibration Certificate Blue



Orders Leica Lino L2s-1

Art. no.:	848435
EAN no.:	7640110697511
Units per pallet:	240 pieces
Weight (device including packaging):	1.2 kg
Size of individual package:	168 x 190 x 95 mm
Customs tariff number:	90153010
Country of origin:	China
Scope of delivery:	Leica Lino L2, Twist 250, Pouch bag, 3xAA batteries, Target Plate, Quickstart, Calibration Certificate Blue



Orders Leica Lino L2-1

Art. no.:	864413
EAN no.:	7640110697528
Units per pallet:	36 pieces
Weight (device including packaging):	3.7 kg
Size of individual package:	335 x 380 x 170 mm
Customs tariff number:	90153010
Country of origin:	China
Scope of delivery:	Leica Lino L2, Twist 250, Case, Li-Ion battery, Charger, Alkaline battery tray, Target Plate, Quickstart, Calibration Certificate Blue



Orders Leica Lino L2G-1

Art. no.:	864420
EAN no.:	7640110697535
Units per pallet:	36 pieces
Weight (device including packaging):	4.1 kg
Size of individual package:	335 x 380 x 170 mm
Customs tariff number:	90153010
Country of origin:	China
Scope of delivery:	Leica Lino L2G, Twist 250, UAL 130, Case, Li-Ion battery, Charger, Alkaline battery tray, Target Plate, Quickstart, Calibration Certificate Blue



- when it has to be right



Orders Leica Lino L2P5-1

Art. no.:	864431
EAN no.:	7640110697542
Units per pallet:	36 pieces
Weight (device including packaging):	4.0 kg
Size of individual package:	335 x 380 x 170 mm
Customs tariff number:	90153010
Country of origin:	China
Scope of delivery:	Leica Lino L2P5, Twist 360, Case, Li-Ion battery, Charger, Alkaline battery tray, Target Plate, Quickstart, Calibration Certificate Blue



Orders Leica Lino L2P5G-1

Art. no.:	864435
EAN no.:	7640110697559
Units per pallet:	36 pieces
Weight (device including packaging):	4.4 kg
Size of individual package:	335 x 380 x 170 mm
Customs tariff number:	90153010
Country of origin:	China
Scope of delivery:	Leica Lino L2P5G, Twist 360, UAL 130, Case, Li-Ion battery, Charger, Alkaline battery tray, Target Plate, Quickstart, Calibration Certificate Blue



- when it has to be right

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Orders Leica RGR 200

Art. no.:	866090
EAN no.:	7640110697948
Units per pallet:	300 pieces
Weight (device including packaging):	0.7 kg
Size of individual package:	148 x 215 x 82 mm
Customs tariff number:	90159000
Country of origin:	China
Scope of delivery:	Leica RGR 200, Bracket, 2xAA batteries, Quickstart,



Orders Leica UAL 130

Art. no.:	866131
EAN no.:	7640110697931
Units per pallet:	480 pieces
Weight (device including packaging):	0.55 kg
Size of individual package:	200 x 98 x 85 mm
Customs tariff number:	90159000
Country of origin:	China
Scope of delivery:	Leica UAL 130 wall-mount adapter





LEICA LINO
OUTSTANDING VISIBILITY

Leica TWIST 250