

Leica Lino L6R/L6G



User Manual
Version 2.0
English

- when it has to be right

Leica
Geosystems

PART OF
HEXAGON

Introduction



This manual contains important safety directions as well as instructions for setting up the product and operating it. Refer to [1 Safety Directions](#) for further information.

Read carefully through the User Manual before you switch on the product.



The content of this document is subject to change without prior notice. Ensure that the product is used in accordance with the latest version of this document.

Updated versions are available for download at the following Internet address:

<https://www.disto.com/manuals>



Keep for future reference!

Validity of this manual

This manual applies to the Leica Lino L6R/L6G. Where there are differences between the standard setups they are clearly described.

Leica Geosystems address book

On the last page of this manual, you can find the address of Leica Geosystems headquarters. For a list of regional contacts, please visit http://leica-geosystems.com/contact-us/sales_support.

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1 Safety Directions

1.1 General Introduction

Description

The following directions enable the person responsible for the product, and the person who actually uses the equipment, to anticipate and avoid operational hazards.

The person responsible for the product must ensure that all users understand these directions and adhere to them.

About warning messages

Warning messages are an essential part of the safety concept of the instrument. They appear wherever hazards or hazardous situations can occur.

Warning messages...

- make the user alert about direct and indirect hazards concerning the use of the product.
- contain general rules of behaviour.

For the users' safety, all safety instructions and safety messages shall be strictly observed and followed! Therefore, the manual must always be available to all persons performing any tasks described here.

DANGER, WARNING, CAUTION and **NOTICE** are standardised signal words for identifying levels of hazards and risks related to personal injury and property damage. For your safety, it is important to read and fully understand the following table with the different signal words and their definitions! Supplementary safety information symbols may be placed within a warning message as well as supplementary text.

Type	Description
 DANGER	Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.
 WARNING	Indicates a potentially hazardous situation or an unintended use which, if not avoided, could result in death or serious injury.
 CAUTION	Indicates a potentially hazardous situation or an unintended use which, if not avoided, may result in minor or moderate injury.
NOTICE	Indicates a potentially hazardous situation or an unintended use which, if not avoided, may result in appreciable material, financial and environmental damage.
	Important paragraphs which must be adhered to in practice as they enable the product to be used in a technically correct and efficient manner.

Additional symbols



Operator's manual.
Instruct the operator to read the user manual and safety instructions.



CE mark Europe (European Conformity) certifying that the product complies with essential requirements of the EU directives and harmonized EU standards.



UK Conformity Assessed.
Manufacturer declaration for the compliance with the relevant UK regulations.



Disposal
In accordance with EU Directive 2012/19/EU on waste of electrical and electronic equipment and its implementation in national legislation, non-usable electrical appliances must be collected separately and disposed of in an environmentally friendly manner.



IP Class acc. IEC 60529.
Dust- and splash water protected.



Packaging is manufactured using corrugated cardboard.
EU Packaging Waste Directive 97/129/EC.



Upper limit of temperature.



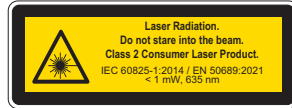
Generic warning.



Combustible and flammable materials.



Explosive substances.



Laser Warning.
Laser class 2 acc. IEC 60825-1.



Laser Warning.
Laser class 2 acc. IEC 60825-1.



Laser Warning.
Laser class 2 acc. IEC 60825-1:2014.
Class 2 consumer laser product acc. EN 50689:2021



Pollution control logo 1 ACPEIP e (China RoHS).
Hazardous substances within maximum concentration values.



RCM mark Australia.





Li-ion

Battery recycling mark.



Japan's "Electrical Product Safety Law" PSE certification mark.



California Energy Commission mark.

1.2

Definition of Use

Intended Use

- Detection of horizontal and vertical laser lines

Foreseeable misuse

- Use of the product without instructions
- Use outside of the intended use and limits
- Disabling of safety systems
- Removal of hazard notices
- Inadequate safeguards at the working site
- Modification or conversion of the product
- Opening the product using tools, for example a screwdriver, unless this is permitted for certain functions
- Use after misappropriation

- Use of products with recognisable damage or defects
- Use with accessories from other manufacturers without the prior written explicit approval of Leica Geosystems AG

1.3

Limits of Use



Refer to section [7 Technical Data](#).

Environment

Suitable for use in an atmosphere appropriate for permanent human habitation. Not suitable for use in aggressive or explosive environments.

1.4

Responsibilities

Manufacturer of the product

Leica Geosystems AG, CH-9435 Heerbrugg, hereinafter referred to as Leica Geosystems, is responsible for supplying the product, including the User Manual and original accessories, in a safe condition.

The company above is not responsible for third-party accessories.

Person responsible for the product

The person responsible for the product has the following duties:

- To understand the safety instructions on the product and the instructions in the User Manual
- To be familiar with local safety regulations relating to accident prevention
- Always prevent access to the product by unauthorised and/or untrained personnel
- To ensure that the product is used in accordance with the instructions
- Keep the User Manual and pass on if the instrument is passed on
- Do not let children use the laser device unsupervised



The product is permitted to use for skilled persons only.

1.5

Hazards of Use

WARNING

Magnetic field

Magnets integrated in the target plate may affect the function of the pacemaker.

Precautions:

- ▶ Do not use the target plate near a pacemaker.

CAUTION

Electromagnetic radiation

Electromagnetic radiation can cause disturbances in other equipment, in installations, for example medical ones such as pacemakers or hearing aids, and in aircraft. It can also affect humans and animals.

Although this product conforms to the most stringent standards and regulations, the possibility of harm to people and animals cannot be totally excluded.

Precautions:

- ▶ Do not use the product near petrol stations, chemical plants, in areas with a potentially explosive atmosphere and where blasting takes place.
- ▶ Do not use the product near medical equipment.
- ▶ Do not use the product in airplanes.
- ▶ Do not use the product near your body for extended periods.

NOTICE**Defective instrument, dropping, misusing, modifying**

Watch out for erroneous measurement results.

Precautions:

- ▶ Carry out periodic test measurements.
- ▶ Particularly after the instrument has been subject to abnormal use, and before, during and after important measurements.

⚠ CAUTION

Never attempt to repair the product yourself. In case of damage, contact a local dealer.

The following advice is only valid for the receiver

⚠ CAUTION**Signal sound > 80 db(A)**

The A-weighted sound pressure level of the signal sound is > 80 db(A) at a distance of one metre. Your hearing may be damaged.

Precautions:

- ▶ Do not hold the device or the laser receiver directly to your ear.

⚠ WARNING**Improper disposal**

If the product is improperly disposed of, the following can happen:

- If polymer parts are burnt, poisonous gases are produced which may impair health.
- If batteries are damaged or are heated strongly, they can explode and cause poisoning, burning, corrosion or environmental contamination.
- By disposing of the product irresponsibly you may enable unauthorised persons to use it in contravention of the regulations, exposing themselves and third parties to the risk of severe injury and rendering the environment liable to contamination.

Precautions:

The product must not be disposed with household waste.
Dispose of the product appropriately in accordance with the national regulations in force in your country.
Always prevent access to the product by unauthorised personnel.

Product-specific treatment and waste management information can be downloaded from [Get Disto Support](#), section **Recycling Passports**.

1.7**For Batteries**

 WARNING**Inappropriate mechanical influences to batteries**

During the transport, shipping or disposal of batteries it is possible for inappropriate mechanical influences to constitute a fire hazard.

Precautions:

- ▶ Before shipping the product or disposing it, discharge the batteries by the product until they are flat.
- ▶ When transporting or shipping batteries, the person in charge of the product must ensure that the applicable national and international rules and regulations are observed.
- ▶ Before transportation or shipping, contact your local passenger or freight transport company.

 WARNING**Exposure of batteries to high mechanical stress, high ambient temperatures or immersion into fluids**

This can cause leakage, fire or explosion of the batteries.

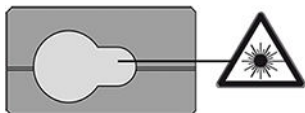
Precautions:

- ▶ Protect the batteries from mechanical influences and high ambient temperatures.
- ▶ Consider the product's IP class restrictions in chapter [7 Technical Data](#).
- ▶ Do not drop or immerse the product into fluids.

General

Laser aperture

The laser diode built into the product produces a visible laser beam which emerges from the front side.



Normative references

The laser product described in this section is classified as laser class 2 in accordance with:

- IEC 60825-1 (2014-05): "Safety of laser products"
- EN 60825-1:2014/A11:2021 "Safety of laser products - Part 1: Equipment classification and requirements"
- EN 50689:2021 "Safety of laser products - Particular Requirements for Consumer Laser Products"

Safety information

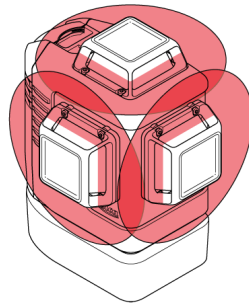
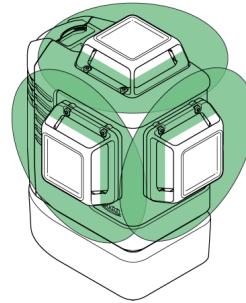
These products are safe for momentary exposures but can be hazardous for deliberate staring into the beam. The beam may cause dazzle, flash-blindness and after-images, particularly under low ambient light conditions.

⚠ CAUTION**Class 2 laser product**

From a safety perspective, class 2 laser products are not inherently safe for the eyes.

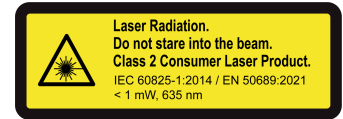
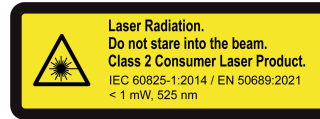
Precautions:

- ▶ Avoid staring into the beam or viewing it through optical instruments.
- ▶ Avoid pointing the beam at other people or at animals.
- ▶ Pay particular attention to the direction of the laser beam when remotely operating the product by an app or software. A measurement could be triggered at any time.
- ▶ If laser radiation hits your eye, you must close your eyes and immediately turn your head away from the beam.

**L6R****L6G**

Description	Value	
Wavelength	L6R: 630-645 nm - red	L6G: 510-530 nm - green

Description	Value
Maximum radiant output power for classification	< 2 mW
Pulse duration	30-70 μ s
Pulse repetition frequency (PRF)	10 kHz
Beam divergence	0.05 mrad $\times$ 360°



3

Overview

Components

The Leica Lino L6R/L6G is a self-levelling multifunctional laser. It combines the advantage of three 360° line lasers in one tool and an integrated fine adjustment knob. It is a reliable precision laser for any kind of tasks like precise framing, levelling, plumbing, transferring and setting out right angles. It supports you on the job site with six intersection points (front, back, right, left, up, down) which are arranged precisely in 90° to each other. The device can be used indoors and in outdoor situations in case of limited dust and at most splash water effects according to IP54.

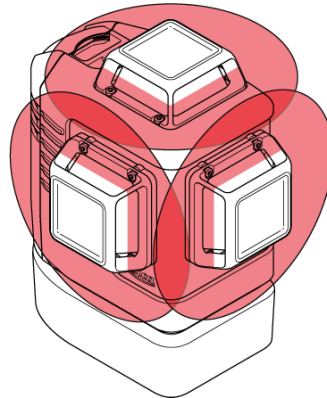


- 1 Laser key (on keypad), ON/OFF
- 2 Status LED (on keypad)
- 3 Battery pack
- 4 Levelling lock
- 5 Eccentric fine adjustment knob
- 6 Window of vertical line side
- 7 Tripod thread 1/4"
- 8 Window of vertical line
- 9 Window of horizontal line
- 10 Keypad
- 11 Power adjustment

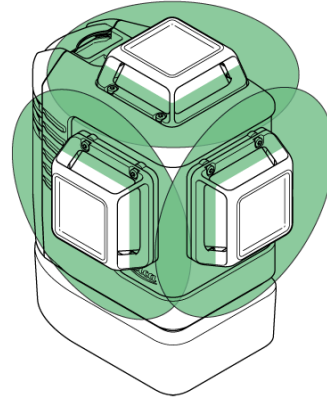
Laser types

There are two different types available:

- L6R - Red Laser
- L6G - Green Laser



L6R



L6G



On all images in this document only the red laser version is shown.

4

Instrument Setup

4.1

Levelling lock

Levelling unlocked



In the unlocked position the instrument automatically levels itself within the specified inclination range.
See [Technical Data](#)



Levelling locked



Turn the levelling lock in order to transport or tilt the instrument beyond the self-levelling range. When locked, the pendulum is fixed and the selflevelling function is deactivated. In this case the laser blinks every five seconds.

4.2

Laser Receiver

Laser receiver

To be able to detect the laser lines over long distances or in unfavourable lighting conditions, a laser receiver can be used.



We recommend the Leica RGR200 or the Leica RGR300-D laser receiver.



4.3

Li-Ion Battery

Insert Li-Ion battery



Insert the battery-pack by pressing it down and then tilting it towards the housing as shown until it snaps in.

Charge Li-Ion battery

CAUTION

Connecting the charger using the wrong adapter may cause serious damage to the instrument.

- Any damage caused by misuse is not covered by warranty.
- Unapproved chargers or cables can cause the battery to explode or damage the instrument.

Precautions:

- ▶ Use only Leica-approved chargers, batteries and cables.



Charge the Li-Ion battery at +5°C to +45°C (+41°F to +113°F) before using it for the first time. While charging, the instrument may heat up. This is normal and should not affect

the instrument's lifespan or performance. At the recommended storage temperature of -20°C to $+30^{\circ}\text{C}$ (4°F to $+86^{\circ}\text{F}$), batteries containing a 50% to 100% charge can be stored up to 1 year. After this storage period the batteries must be recharged.

Insert Li-Ion battery

Battery status



blinks green

charging battery



lights green

charging finished/no charging

4.4

Alkaline Batteries

Insert Alkaline batteries



To ensure a reliable use, we recommend using high quality Alkaline batteries.

Insert Alkaline batteries in the battery-pack.



Insert the battery-pack



Insert the battery-pack by pressing it down and then tilting it towards the housing as shown until it snaps in.

5

Operation

Switching ON/OFF



Auto power-off



Place the lock switch to the unlocked position – see [Levelling lock](#). To activate auto power-off after 30 min operation press and hold the ON button at start for five seconds. The status LED blinks three times in green colour. To deactivate it again repeat the described steps until the status LED blinks three times in red colour.

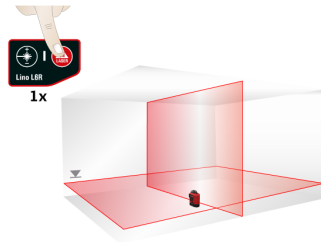


Functions

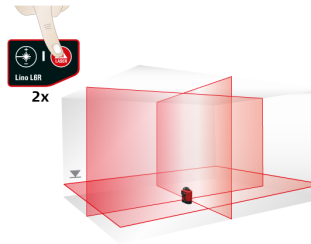


Check if self-levelling is required and correspondingly activated – see [Levelling lock](#) for details.

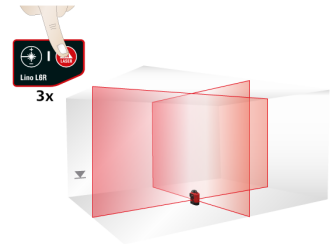
Laser on/Vertical lines and horizontal mode



All on mode*



Layout mode

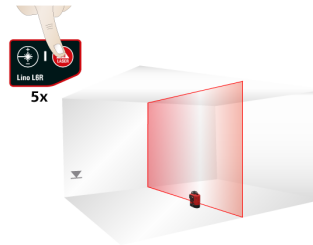


* In very hot environments it can be that maximum two lines work simultaneously – see [Message Codes](#).

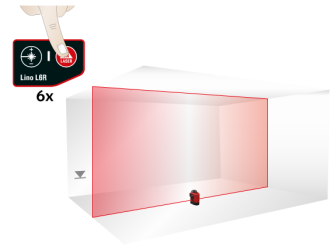
Horizontal mode



Vertical side mode



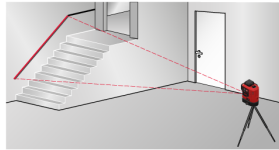
Vertical side mode



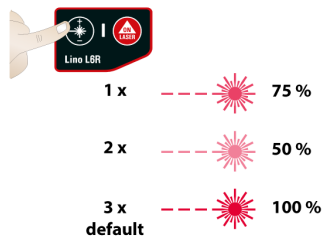
Activate levelling lock
and press ON for tilt
applications.

— : + 1x

| : + 2x



Switching line intensity



- 1x: Power reduction -25%, smaller line width.
- 2x: Power reduction -50%, smallest line width.
- 3x: Full power 100%, maximum range – default.

Saving operating mode

Place the lock switch to the unlocked position – see [Levelling lock](#).

To save the favourite operating mode, press and hold the ON and power adjustment button during operation for two seconds.

The status LED blinks three times in green colour.

The instrument has stored the function and line intensity to the memory and as the new default mode.

To reset the function and line intensity to factory settings, press and hold the ON and power adjustment button during operation for five seconds and wait until the status LED blinks three times in red colour.



2 sec = save actual function and line intensity



5 sec = reset to factory settings

How to use the smart adapters

Setup device to adapter



Snap the device on the Twist 250 adapter.

Alignment of vertical laser lines



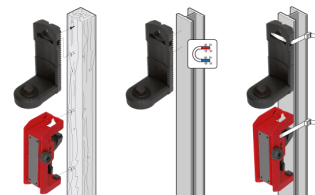
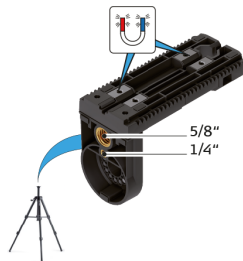
Turn the device 250° to adjust the vertical line. Use the side knob and turn the device around the vertical intersection/plumb point within $\pm 10^\circ$.

Alignment of horizontal laser line



Turn the adjustment knob of UAL130 to fine adjust the horizontal line to the desired reference level.

Different fixing applications



Message Codes

Laser	LED	Cause	Correction
ON/OFF	lights red	Instrument has low power	Charge Li-Ion battery or change Alkaline batteries
ON/ blinks	lights orange	Instrument is close to temperature limit. In very hot environments it can be that maximum two lines work simultaneously.	Cool down instrument
OFF	blinks red	Temperature alert	Cool down or heat up instrument
blinks	blinks red	Instrument is out of self-levelling range	Place the instrument almost horizontal and self-levelling will start automatically
blinks	lights red	Instrument is out of self-levelling range and has low power	Charge Li-Ion battery or change Alkaline batteries

Laser	LED	Cause	Correction
blinks every five seconds	lights red	Levelling lock is activated but instrument has low power	Charge Li-Ion battery or change Alkaline batteries
blinks every five seconds	blinks green	Levelling lock is activated for working without self-levelling	–

5.1

Accuracy Check

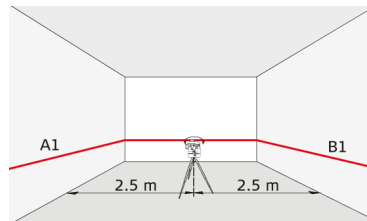


Check the accuracy of your instrument regularly and particularly before important measuring tasks.

Check **Levelling lock** before checking the accuracy.

Levelling

Checking the accuracy of the levelling



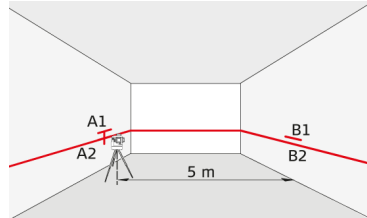
Set the instrument on a tripod half-way between two walls (A+B) that are approx. 5 m apart.

Place the lock switch in the "Unlocked" position – see **Levelling lock**.

Direct the instrument at wall A and switch on the instrument.

Activate the horizontal laser line or laser point and mark the position of the line or the point on wall (A1).

Rotate the instrument by 180° and mark the horizontal laser line or the laser point in exactly the same way on wall (B1).



Then place the instrument at the same elevation as close as possible to wall A and again mark the horizontal laser line or the laser point on wall A (A2). Rotate the instrument by 180° again and mark the laser on wall B (B2). Measure the distances of the marked points A1-A2 and B1-B2.

Calculate the difference of the two measurements.

$$|(A1 - A2) - (B1 - B2)| \leq 2 \text{ mm}$$

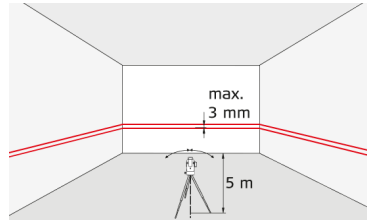
If the difference does not exceed 2 mm, then the instrument is within tolerance.



Should your instrument be outside of the specified tolerance, please contact a local dealer or an authorised Leica Geosystems distributor.

Vertical and horizontal line

Checking the accuracy of the horizontal line



Place the lock switch in the "Unlocked" position – see **Levelling lock**.

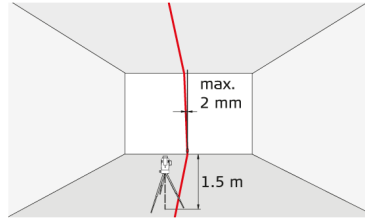
Position the instrument approx. 5 m away from the wall.

Direct the instrument at the wall and switch on.

Activate the laser line and mark the intersection point of laser crosshairs on the wall.

Swivel the instrument to the right and then to the left.
Observe the vertical deviation of the horizontal line from the marking.
If the difference does not exceed 3 mm, then the instrument is within tolerance.

Checking the accuracy of the vertical line



Place the lock switch in the "Unlocked" position – see **Levelling lock**.

As a reference, use a plumb bob and attach it as close as possible to an approx. 3 m high wall.
Position the instrument at a distance of approx. 1.5 m from the wall at an elevation of approx. 1.5 m.
Direct the instrument at the wall and switch on.

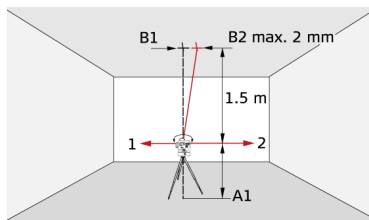
Rotate the instrument and align it with the bottom of the plumb line.
Now read off the maximum deviation of the laser line from the top of the plumb line.
If the difference does not exceed 2 mm, then the instrument is within tolerance.



Should your instrument be outside of the specified tolerance, please contact a local dealer or an authorised Leica Geosystems distributor.

Vertical plumb/intersection points

Checking the accuracy of the upper plumb intersection point:



Place the lock switch in the "Unlocked" position – see [Levelling lock](#).

Set up the laser on its tripod or wall mount bracket near point A1 at a minimum distance of 1.5 m from point B1.

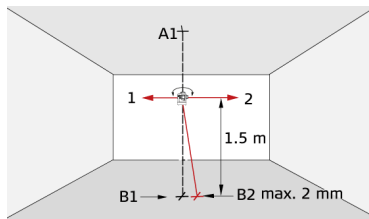
The horizontal laser is aligned in direction 1. Mark the laser points A1 and B1 with a pin.

Rotate the instrument by 180° so that it points in the opposite direction 2 to direction 1.

Adjust the instrument so that the laser beam hits point A1 exactly.

If point B2 is no further than 2 mm away from point B1, then the instrument is within tolerance.

Checking the accuracy of the lower plumb intersection point:



Place the lock switch in the "Unlocked" position – see [Levelling lock](#).

Set up the laser on its tripod or wall mount bracket near point A1 at a minimum distance of 1.5 m from point B1.

The horizontal laser is aligned in direction 1. Mark the laser points A1 and B1 with a pin.

Rotate the instrument by 180° so that it points in the opposite direction 2 to direction 1.

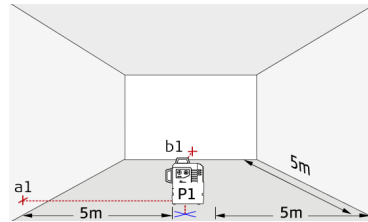
Adjust the instrument so that the laser beam hits point A1 exactly.

If point B2 is no further than 2 mm away from point B1, then the instrument is within tolerance.



Should your instrument be outside of the specified tolerance, please contact a local dealer or an authorised Leica Geosystems distributor.

Perpendicularity horizontal intersection points

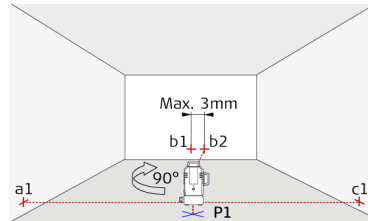


Place the lock switch in the "Unlocked" position – see **Levelling lock**.

Mark a reference point (P1) approx. 5 m from the walls and position the lower plumb intersection point exactly on it.

Align the cross hair to the left wall and mark the intersection point (a1) approx. on the same height like P1 to the wall.

Shortly after mark the right-hand perpendicular beam (b1) on the front wall.



Then rotate the device exactly 90° clockwise around the plumb intersection point P1 and position the left-hand perpendicular intersection beam to the existing reference point a1.

Make sure that the lower plumb intersection point is still exactly on the reference P1.

Check afterwards the new reference point b2 with the old reference b1 on the front wall.

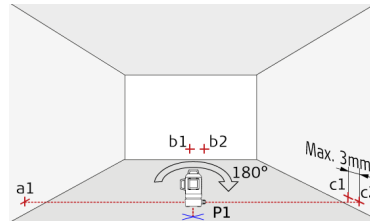
The deviation between the two points may be max. 3 mm.



Mark the new position of the right-hand perpendicular beam to the right wall with c1.



Should your instrument be outside of the specified tolerance, please contact a local dealer or an authorised Leica Geosystems distributor.



Afterwards, turn the device exactly 180° around the plumb intersection point P1 and position the right-hand perpendicular beam to the existing reference point a1.

Make sure that the lower plumb intersection point is still exactly on the reference P1.

Then mark the left-hand beam to the right wall and mark it with c2.

Finally measure the difference between the former reference point c1 and the new point c2.

The deviation may be max. 3 mm between these two points



Should your instrument be outside of the specified tolerance, please contact a local dealer or an authorised Leica Geosystems distributor.

6

Care and Transport

6.1

Transport

Set the instrument in locked position

Always set the instrument in "Locked" position by turning the lock switch when transporting the device. See [Levelling lock](#).



Transport in the field

When transporting the equipment in the field, always make sure that you carry the product in its original container.

Shipping

When transporting the product by rail, air or sea, always use the complete original Leica Geosystems packaging, container and cardboard box, or its equivalent, to protect against shock and vibration.

Shipping, transport of batteries

When transporting or shipping batteries, the person responsible for the product must ensure that the applicable national and international rules and regulations are observed. Before transportation or shipping, contact your local passenger or freight transport company.

6.2

Storage

Alkaline batteries

- Refer to [Technical Data](#) for information about storage temperature range.
- Protect batteries from damp and wetness. Wet or damp batteries must be dried before storing or use.
- Before storing the product for a long time, remove batteries from the product in order to avoid the danger of leakage.

Li-Ion batteries

- Refer to [7 Technical Data](#) for information about storage temperature range
- Remove batteries from the product and the charger before storing
- After storage recharge batteries before using
- Protect batteries from damp and wetness. Wet or damp batteries must be dried before storing or use
- A storage temperature range of 0 °C to +30 °C / +32 °F to +86 °F in a dry environment is recommended to minimize self-discharging of the battery
- At the recommended storage temperature range, batteries containing a 40% to 50% charge can be stored for up to one year. After this storage period the batteries must be recharged

6.3

Cleaning and Drying

- Clean the device with a damp, soft cloth
- Never immerse the device in water
- Never use aggressive cleaning agents or solvents

Cleaning and drying

Dry the product, the container, the foam inserts and the accessories at a temperature not higher than 40 °C/104 °F and clean them. Remove the battery cover and dry the

battery compartment. Do not repack until everything is dry. Always close the container when using in the field.



Technical Data

Description	L6R	L6G
Beam direction/fan angle	2 × Vertical 360°, 1 × Horizontal 360°	
Intersection point direction	Up, down, right, left, front, back (90°/180°)	
Range/Diameter ¹⁾	25 m/50 m (82 ft/164 ft)	35 m/70 m (115 ft/230 ft)
Range ¹⁾ with receiver	70 m/140 m (230 ft/460 ft) ²⁾	
Levelling accuracy	±0.2 mm/m = ±2.0 mm @ 10 m (±0.002 in/ft = ±0.08 in @ 33ft)	
Horizontal/Vertical line accuracy	±0.3 mm/m (±0.004 in/ft)	
Intersection Point accuracy	±0.2 mm/m (±0.002 in/ft)	
Self-levelling range	±4 °	
Self-levelling time	< 3 s	
Out-of-level warning	Yes - blink lines every 5 s	
Levelling system	Automatic pendulum lockable	
Laser type	630 - 645 nm, Class 2 (acc. IEC 60825-1)	510 - 530 nm, Class 2 (acc. IEC 60825-1)
Protection class	IP 54 (IEC 60529) dust and splash water	

¹⁾ depending on lighting conditions

²⁾ with Leica RGR200 receiver

Description	L6R	L6G
Shock-resistant	1 m (3.3 ft) ³⁾	
Battery type	Lino Li-Ion battery pack 5200 mAh/18.7 Wh (3 × Alkaline AA)	
Operating time with Li-Ion battery ⁴⁾	Up to 36 h (3 beam) continuous	Up to 11 h (3 beam) continuous
Operating time with alkaline batteries ⁴⁾	Up to 25 h (3 beam) continuous	Up to 8 h (3 beam) continuous
Automatic shut-off	Available	
Dimensions (L × W × H)	124 × 107 × 154 mm (4.88 × 4.21 × 6.06 in)	
Weight with Li-Ion battery	781 (1.71 lbs)	
Operating temperature	-10...+50 °C (+14...+122 °F)	
Storage temperature	-25...+70 °C (-13...+158 °F)	
Laser line width at 5 m (16.4 ft) distance	< 2 mm (< 0.08 in)	
Tripod thread	1/4" (+ 5/8" with adapter)	
Pulse power for receiver	Yes, auto	

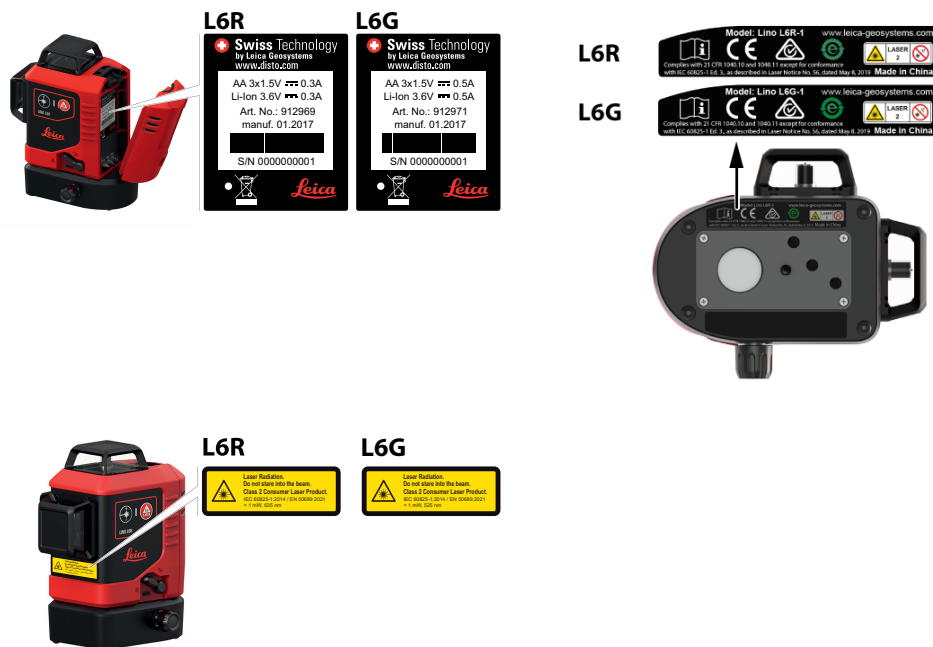
³⁾ accuracy > ±0.2 mm/m (> ±0.002 in/ft), check required

⁴⁾ @20 °C/68 °F

7.1

Conformity to National Regulations

Labelling Leica Lino L6R/L6G



Subject to change (drawings, descriptions and technical data) without prior notice.

Art. No. 913010a

EU



Hereby, Leica Geosystems AG declares that the product/s is/are in compliance with the essential requirements and other relevant provisions of the applicable European Directives.

The full text of the EU declaration of conformity is available at the following Internet address:

<http://www.leica-geosystems.com/ce>.

USA

FCC Part 15

This equipment has been tested and found to comply with the limits for a Class B digital instrument, pursuant to part 15 of the FCC rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and the receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio/TV technician for help



This device complies with part 15 of the FCC rules. Operation is subjected to the following two conditions:

- This device may not cause harmful interference, and
- this device must accept any interference received, including interference that may cause undesired operation.

FCC Radiation Exposure Statement

The radiated rf output power of the instrument is below the FCC radio frequency exposure limits for portable devices according to KDB 447498.

Changes or modifications not expressly approved by Leica Geosystems for compliance could void the user's authority to operate the equipment.

ISED Statement, applicable in Canada

This device complies with Industry Canada's licence-exempt RSSs. Operation is subject to the following two conditions:

1. This device may not cause interference; and
2. This device must accept any interference, including interference that may cause undesired operation of the device.

Others

The conformity for countries with other national regulations has to be approved prior to use and operation.

8

International Limited Warranty

International Limited Warranty



The Leica LINO comes with a two year warranty from Leica Geosystems AG. To receive an additional year warranty, the product **must be registered** on our website at [Leica Disto Warranty](#) **within eight weeks** of the purchase date. If the product is not registered, our two year warranty applies.

More detailed information about the International Limited Warranty can be found on the internet at [Leica Warranty](#)

Calibration and repair service

Leica Geosystems recommends to check the device within regular intervals to prove the function and reliability in accordance with standards and requirements. At least one time per year.

In case of damaging your product, please, never attempt to repair the device yourself.

For calibration or repair service, please, visit your local dealer or any certified Leica Geosystems distributor.

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