

SOKKIA

LX442

Full-Crossline Laser

Your job just got a lot simpler!

Full-Crossline capability enables you to mark the lines & points without using an assistant or even other tools!



Full Crosslines

The LX442 projects four vertical lines, a 360° horizontal line, as well as a plumb down beam.

- Full-line capability minimizes the need for changes of instrument setup.
- The LX442 projects four overlapped horizontal beams that create a perfect 360° level line.
- Four vertical lines allow four 90° alignments with one setup.
- 120° vertical lines cross on the ceiling right above the instrument. In combination with the plumb down beam, plumbing work is a breeze!

Accurate and Stable Lasers

- Ensured accuracy of ± 1 mm@10 m (± 0.04 in.@33 ft.) for each line.
- Exceptionally speedy self-leveling for quick startup.
- Electronic self-leveling mechanism provides more stable lines than pendulum-or gimbal-type lasers, even in sites subject to vibration.

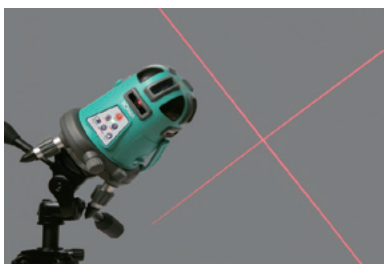
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Full-Crossline Laser

Featuring Full-Crossline and Swift Self-Leveling, the LX442 ensures greater productivity in leveling, plumbing, alignment and layout, in both interior and exterior applications.

Line-lock for Slope Lines

- Just turn off the self-leveling and set the LX442 to the desired angle to project slope lines.



Detector

- A laser detector is equipped as standard for short-range exterior or general construction applications.

Batteries and AC Power

- Powered by four R6 (AA) alkaline or Ni-MH batteries.
- Standard AC adapter for use with 100V to 240V AC power.
- The power cable is connected to the lower section of the instrument and will not rotate with the upper laser section, preventing tangling of the cable.



AC adapter cable

Wireless Remote

- Standard wireless controller allows remote selection of horizontal and vertical lines, line-lock and detector mode.



Blue LED Indicators

- When all lines turned off and power still on, four blinking blue LEDs easily locate the instrument in dim light conditions.



Dust and Water Protection

- The IP54 dust- and water-resistant body ensures outstanding durability under harsh worksite conditions.

Standard Configuration



- Detector LD601 (w/rod clamp & 9V battery)
- Remote controller
- R6 (AA) battery x 4
- AC adapter
- Target
- Laser glasses
- Operator's manual
- Carrying case

Specifications

Laser diode	Line: 635 nm, Plumb down: 650 nm		
Laser class	Class 2 (IEC/CDRH)		
Laser projection angle	H: 360° / V: 120°		
Line accuracy	H&V	±1 mm@10 m (±0.04 in.@33 ft.) / ±20 arc seconds	
Right angle accuracy		±2 mm@10 m (±0.08 in.@33 ft.)	
Plumb accuracy	Up	±1 mm@5 m (±0.04 in.@16.4 ft.)	
	Down	±1 mm@1.5 m (±0.04 in.@4.9 ft.)	
Line width		2 mm@10 m (0.08 in.@33 ft.)	
Plumb down spot diameter		2.5 mm@1.5 m (0.1 in.@4.9 ft.)	
Self-leveling type / range	Electronic / ±3°		
Operating range	20 m (66 ft.) with detector		
Remote control range	Approx. 10 m (33 ft.)		
Horizontal fine motion	Endless fine motion screw		
Dust and water protection	IP54 (IEC 60529:2001)		
Operating temperature	-10 to +50°C (14 to 122°F)		
Dimensions	W160 x D160 x H241 mm (W6.3 x D6.3 x H9.5 in.)		
Weight with batteries	Approx. 1.8kg (4.0 lb.)		
Power supply	Four R6 (AA) alkaline or Ni-MH batteries		
	AC 100 to 240V (with the standard AC adapter)		
Operating time at 25°C (77°F)	Battery	Alkaline	
	1V + 4H	10 hours	Ni-MH
	4V + 4H	6 hours	12 hours
			9 hours

Optional Accessories



- Adjustable Mount for Elevator Tripods LS-FR
- Camera Tripod Adapter LX-CTA1
- Elevator Tripod LS100-ET
- Wall Mount MP-SM200
- Shoulder Strap for Carrying case CP410127-01

Product colors in this brochure may vary slightly from those of actual products owing to limitations of the printing process. Designs and specifications are subject to change without notice.

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