

SPECIFICATIONS*

Instrument	RL-100 1S	RL-100 2S
Repeatability	5 arc sec.	
Horizontal Accuracy	±10 arc sec.	
Grade Range	-5% to +25% (single)	±10% / -5% to +25% (dual)
Working Range	770 m	
Rotation Speed	300/600/900 rpm	
Wave Length	685 nm visible	
Laser Class	Class 3R	
Operating Hours	65H (Alkaline) / 50H (Ni-MH)	
Environment	IPX6	
Dimensions (w x h x d)	217 mm x 253 mm x 168 mm	
RC-400 (Remote Control)		Yes
Range		two-way 300 m
Environmental		IPX6
Power		3 AA alkaline
Dimensions (w x h x d)		60 mm x 155 mm x 35 mm
LS-80A (Receiver)	Yes	
Receiving Range	770 m	
Environmental	IPX6	
Power	2 AA alkalines	
Operating Hours	120	
Dimensions (w x h x d)	76 mm x 145 mm x 23 mm	

* all technical changes are reserved by TOPCON, 02/2009

The leader in positioning technology

Topcon is the worldwide leading designer and manufacturer of precision positioning equipment. We offer the widest selection of innovative precision GPS, laser, optical, surveying, machine control, GIS and agricultural positioning solutions.


It's time.
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Your local authorised Topcon distributor is:

graft-werbeagentur.de

High accuracy, high value slope lasers

The new standard in construction slope lasers

- 5 arc second repeatability
- Wide grade range (up to 25% slope)
- Extra-long battery life
- Increased range - 770m
- Graphical clear display
- Full function remote (RL-100 2S only)

It's time.

Rugged, lightweight, and compact, it's twice the laser at an amazingly affordable price!

Topcon's all new RL-100 Series sets new standards for simplicity and accuracy.



Single slope display:

Choose from two models, RL-100 single slope or RL-100 dual slope, the RL-100 1S provides single slopes from -5% up to +25% and comes complete with Topcons new LS-80A laser receiver, sensor, sensorholder and battery pack + charger. Ready for work.



Dual slope display:

The RL-100 2S provides dual slopes up of +/-10% in the X-axis or up to and industry leading -5 to + 25% in the Y axis. The new RC-400 remote that allows complete control of the RL-100 2S up to 300 meter.



RL-100 menu display

The illuminated menu display shows:

1. Masking electronic shutters up to to three quadrants to avoid interference with other lasers on the jobsite.
2. Selectable rotationspeed: 300, 600, or 900 rpm
3. Selectable remote control channels
4. Sensitivity selector, for strong winds or calm conditions.
5. Hi-alert: Indicates when the laser has been disturbed preventing inaccuracies
6. Hi-alert to sensor-turn HI signal to sensor ON or OFF.



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|---|---|
| <ol style="list-style-type: none"> 1 Easy setting of directions by internal scope 2 Solid heavy body 3 X-Y axe operating button 4 Protected enclosed head | <ol style="list-style-type: none"> 5 Graphical clear display 6 Entering the different functions 7 Controle panel 8 Battery door |
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Complete RL-100 2S control - remotely!

The RL-100 2S comes standard with a full function RC-400 radio remote. When the RL-100 2S is operating, the RC-400 displays all operating information up to 300m away. The RC-400 features a large, backlit, high-contrast graphical display. Change grade, select menu settings, check operational status, even verify battery life, all without touching the laser!



LS-80A and sensor holder 6

Topcon's new compact LS-80A sensor provides five channels of grade information, plus HI and battery life indication, all on a high-contrast display. It features standard 770m reception range, dual screen, adjustable audible indication, 120 hours of operation from two AA batteries, and included Holder 6 grade rod clamp for quick, secure clamping to any size or shape grade rod. Topcon's RL-100 Series is the only slope laser you'll ever need, at a price that fits your budget. Call your Topcon Dealer today for a demonstration.



RL-100 package includes

- RL-100 2S/1S transmitter
- BT-67Q rechargeable battery pack
- AD-11 battery charger
- LS-80A laser sensor
- Sensor Holder 6
- RC-400 radio remote (only RL-100 2S)
- Operation Manual
- Hard Shell Carry Case