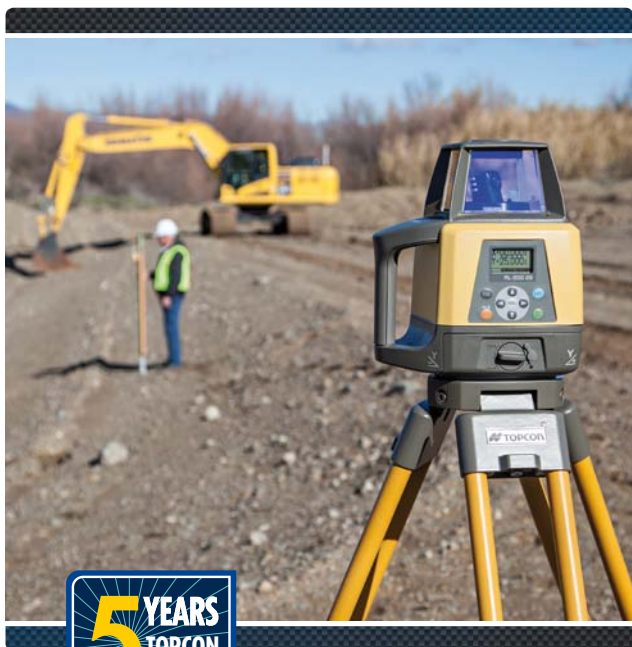


RL-200 2S  
RL-200 1S

 **TOPCON**

## High accuracy slope lasers



### Accuracy in every grade

- 7 Arc Second Accuracy
- Wide Grade Range  
(up to 25% slope)  
without Slope Blocks
- Extra-long battery life
- Increased Range - 1100m
- Full Function Remote  
(RL-200 2S Only)

## **Simplicity and accuracy in all machine control applications.**



### **LS-B10 laser receiver**

Adding the Topcon LS-B10 laser receiver to the RL-200 Series laser delivers a versatile, low cost indicate solution for grade checking and machine control grade applications. Increasing your productivity and reducing costly over digs.



### **LS-B100/110 Series, advanced technology laser receiver**

Take on 1D and 2D land leveling projects by adding the LS-B100/110 Series, advanced technology laser receiver to dozers, scrapers, excavators, backhoes or drag-boxes without the risk of costly over digs.



### **System V Automatic Laser controlled dozer**

Topcon's System V gives the operator a tool to switch between automatic and manual control via auto/manual switches. In the control box, the operator can set the desired cross slope and elevation values to which the system will then work with the laser.

## Rugged, lightweight, and compact!



**1** Easy setting of directions by internal scope

**2** Solid heavy body

**3** X-Y axis operating button

**4** Protected enclosed head

**5** Graphical clear display

**6** Entering the different functions

**7** Control panel

**8** Battery door

## Control the RL-200 2S - remotely!

The RL-200 2S comes standard with a full function RC-400 radio remote. When the RL-200 2S is operating, the RC-400 displays all operating information up to 300 m 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-80L long range receiver

- Two way communication for height alert and laser battery status
- 5 levels of LCD display precision
- Extended Battery Life
- Quick find sensor
- "SmartClamp" adjustable rod clamp
- Auto shut-off



## RL-200 package includes

- RL-200 2S/1S transmitter
- Rechargeable battery pack
- AD-11 battery charger
- LS-80L laser sensor
- Sensor Holder 6
- RC-400 radio remote (only RL-200 2S)
- Operation Manual
- Hard Shell Carry Case

## SPECIFICATIONS\*

| Instrument             | RL-200 1S                     | RL-200 2S               |
|------------------------|-------------------------------|-------------------------|
| Repeatability          | 7 arc seconds                 |                         |
| Horizontal Accuracy    | ±7 arc seconds                |                         |
| Grade Range            | -5% to +25% (single)          | ±10%/-5% to +25% (dual) |
| Working Range          | 1100 m                        |                         |
| Rotation Speed         | 300/600/900 rpm               |                         |
| Wave Length            | 685 nm visible                |                         |
| Laser Class            | Class 3R                      |                         |
| Operating Hours        | 100H (Alkaline) / 90H (Ni-MH) |                         |
| Environment            | IP66                          |                         |
| Dimensions (W x H x D) | 253 mm x 218 mm x 174 mm      |                         |

| RC-400 (Remote Control) |  | Yes                    |
|-------------------------|--|------------------------|
| Laser Class             |  | 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-80L (Receiver)          | Yes  |
|----------------------------|--|
| Grade information channels | 11 (+high/low out of range)                    |
| On-Grade precision         | High precision: ±1 mm, Normal precision: ±2 mm |
| Audible on-grade alarm     | Yes  |
| Power                      | 2 x AA Alkaline batteries                      |
| Battery life               | Approx. 120 hrs                                |
| Auto shut-off              | After 30 minutes w/o beam detection            |

\* all technical changes are reserved by TOPCON, 03/2013

## **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.



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