

Laser Indicate Receivers and Remote Displays



- Fast Setup
- Easy-to-Use
- Rugged, Waterproof Design
- Wireless
- Bright LED Indicators

LS-B Series Laser Indicate Receivers and Remote Displays

Fast setup, Easy-to-use.

The LS-Series of machine mounted Laser Sensors are low-cost grade indicate systems designed to improve grading and excavating production and accuracy.

Fast setup and easy-to-use, these depth control sensors can be mounted to your earthmoving machines in minutes. Attach any of the LS sensors to a piece of equipment, turn it on, bench in and go to work. No more waiting for a grade checker or jumping off your machine to check your own grade. With Topcon's laser sensors you know if you are above, below or on-grade all the time.

Put the LS-Series laser sensor on a dozer, then move it to your excavator and then onto a scraper. Being quick to move and convenient to use contractors often want to equip ALL of their earth moving machines with these production-boosting control systems.

Loaded with Features

Each sensor is packed full of features such as an Accuracy Mode and Battery Life Indicator plus a Power Save/Auto Cut Off function to save battery life.

Plus, you can pick from four different models. The LS-B100, LS-B110 and LS-B110W all have 360° laser detection range. The LS-B110 includes a Slope and Plumb indicator and you can offset the "on-grade" indicator. Use the LS-B110W sensor with the RD-100W, an optional wireless remote display unit. The LS-B10 Series with RD-100W is perfect for excavating machines with magnetic mounting and 270° detection.

Cost Effective

Whether you are equipping a motor grader or excavator these affordable laser sensors will make any job more profitable. Put a sensor on a dozer or drag scraper and you can get to grade in fewer passes saving fuel, machine hours and wear and tear. With an LS Series sensor attached to a backhoe or excavator you can virtually eliminate over-excavating and not have to rely on a grade checker.

With Topcon's LS Series of laser sensors all your work goes faster, more accurately and more profitably.



LS-B100

- 360° laser detection angle
- Adjustable "On Grade" Accuracy
- Power Save/Auto Cut Off saves battery life
- C size alkaline batteries, rechargeable battery pack or external power supply with DCV to 30V



LS-B110

- Includes Slope and Plumb indicator for increased accuracy
- Compatible with Topcon's Control Boxes for "automatic" mode applications
- Offset the "on grade" position
- Waterproof, durable IP66 environmental standards



LS-B110W

- 360° laser detection angle
- One touch "on grade" matching
- Slope and Plumb indicators
- Use the RD-100W, an optional wireless remote display, for larger machines and/or where the sensor is out of view



LS-B10W and RD-100W

- Magnetic mounts are fast to install and easy to move from machine to machine
- Optional Wireless Remote Display also on magnetic mounts
- LED indicators include 5 grade, 2 lost beam, 1 low battery and 1 level alert
- Integrated CAN support is compatible with indicate and automatic machine control systems

Improved Jobsite Safety

With an LS Series Laser Sensor on your machines your jobsite is a safer place to work. Because the equipment operator has all of the grade information he needs with the LS on his machine he does not have to rely on a grade checker. The whole crew is more productive and safer.



PRIMARY FEATURES



PACKAGE COMPONENTS

LS-B100 Series System Components

- LS-B100, LS-B110 or LS-B110W
- D-Cell batteries or Rechargeable batteries
- Carry Case



LS-B10 Series System Components

- LS-B10 or LS-B10W
- Optional RD-100W Remote Display
- Batteries



SPECIFICATIONS

LS-B100

Detection Angle	360°
Detection Precision	Mode 1: ±3mm Mode 2: ±6mm Mode 3: ±15mm Mode 4: ±30mm
Operating Time	Approx: 100 hours
Operating Temperature	-4°F to +122°F (-20°C to +50°C)
Dust/Water Protection	IP66
Warranty	1 Year

LS-B10

Horizontal Detecting Range	270°
LED Grade Indicators	Red, Green and Red
Operating Time	Approx: 100 hours
Size	4.5" x 1.6" x 7.1" (115 x 40 x 180mm)
Weight	1.1 lbs (500g)
Warranty	1 Year

For more specification information:
topconpositioning.com/lb-series

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GENERAL CONSTRUCTION LASER SYSTEMS

Topcon Laser Solutions

Pick the best Topcon laser solution for your job and budget.



RL-H4C

The RL-H4C is the perfect laser for grading, excavating and general construction projects. The 600 rpm rotation speed makes the RL-H4C a great match with Topcon's LS-Series of laser sensors. Need to shoot up to 1,300 feet from your laser? No problem. This instrument has the power and range to cover a 2,600 ft. diameter job. Plus, the RL-H4C comes with a Five Year Guarantee from Topcon.



RL-200 1S & RL-200 2S

Topcon's RL-200 lasers are built with a revolutionary encoding system to provide the highest grade repeatability in the industry. Choose from two models, the RL-200 1S Single Slope or the RL-200 2S Dual Slope. The RL-200 provides single slopes from -5% up to +25%. The RL-200 2S provides dual slopes up to 10% in the X axis or up to -5% to +25% in the Y axis. These sloping lasers also include a Five Year Guarantee.



X-32 & X-33 Excavator Systems

The GX-30 control box offers a fully upgradeable platform from 2D excavator to 3D excavator or 3D indicate system for different machines on your job site. Equip multiple machines with sensors, cables, brackets and move the control box, GNSS receivers and antennas between all machines. Use on dozers, excavators, scrapers, motor graders, and even on rental equipment.

Your local Authorized Topcon dealer is: