TOPCON

LS-B SERIES

LASER INDICATE RECEIVERS
AND REMOTE DISPLAYS

Increase Your Grading and Excavating Potential with Laser Guidance

- Grade information without exiting machine
- 360 degree detection
- Rugged, waterproof design
- Wireless capability
- Bright LED indicators

The LS-B Series of machine mounted laser sensors are affordable 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-B 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.

Choose from three different models: the LS-B100, LS-B110 and LS-B110W all have 360º laser detection range and the LS-B110 includes a Slope and Plumb indicator and you can offset the "on-grade" indicator as well as communicate directly to Topcon's in-cab control boxes for "automatic" mode applications. Use the LS-B110W sensor with the RD-100W, an optional wireless remote display unit. The LS-B10W Series with the RD-100W is perfect for excavating machines with magnetic mounting and 270º detection.

Improved jobsite safety

With an LS-B Series laser sensor on your machines your jobsite is a safer place to work. The equipment operator has all of the grade information he needs without exiting the machine, no more relying on a grade checker. The whole crew is more productive and safer.

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Designed for graders and excavators
Plumb indicator
Perfect for backhoes and excavators
Magnetic mounts
360° laser detection
Bright LED indicators
Wireless Remote Display
LS-B110W
LS-B10W
RD-100W
LS-B10
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LS-B100	
Detection Angle	360º
Detection Precision	Mode 1: ±3 mm Mode 2: ±6 mm Mode 3: ±15 mm Mode 4: ±30 mm
Operating Time	Up to 100 hours
Operating Temp	-20ºC to 50ºC
Dust/Water Rating	IP66
Warranty	1 Year
LS-B10	
Horizontal Detecting Range	270º
LED Indicators	Red, Green and Red
Operating Time	Up to 100 hours
Dimensions	115 x 40 x 180 mm
Weight	500 g
Warranty	1 Year

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-B Series sensor attached to a back-hoe or excavator you can virtually eliminate over-excavating and not have to rely on a grade checker.

LS-B100

- Adjustable “On Grade” accuracy
- Power Save/Auto cut off
- C size alkaline batteries, rechargeable battery pack or external power supply with DCV to 30V

LS-B110/LS-B110W

- Includes Slope and Plumb indicator
- Compatible with Topcon’s Control Boxes for “automatic” mode applications
- One touch “On Grade” matching
- Offset the “On Grade” position
- IP66 environmental rating

LS-B10/LS-B10W

- 270º laser detection angle
- 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

RD-100W Remote Display

- Available for LS-B10W and LS-B110W wireless receivers
- Optional Wireless Remote display also on magnetic mounts
- Use the RD-100W, an optional wireless remote display, for larger machines and/or where the sensor is out of view

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For more information:
topconpositioning.com/lsb-series

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