

Laser Indicate Receivers and Remote Display

LS-B Series



Accelerated accuracy for grading and excavating with rugged machine-mounted sensors

Increase Your Grading and Excavating Potential with Laser Guidance

LS-B Series

The LS-B Series of machine-mounted laser sensors are affordable grade indicate systems designed to improve grading and excavating production and accuracy.

Easy to use with fast setup, 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 a machine to check your own grade. With Topcon's laser sensors, you'll 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 grader. Because it's quick to move and convenient to use, contractors often want to equip all of their earthmoving 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 that each provide 360° laser detection to keep your project moving ahead in challenging conditions.

Grade information without exiting machine

360 degree detection

Rugged, waterproof design

Wireless capability

Bright LED indicators





- 1 Perfect for backhoes and excavators
- 2 Magnetic mounts
- 3 Designed for dozers, graders, and excavators
- 4 Plumb indicator

- 5 360° laser detection
- 6 Bright LED indicators
- 7 Wireless remote display

Improved jobsite safety

With an LS-B Series laser sensor on your machines, your jobsite is a safer place to work. No more relying on a grade checker – equipment operators have all the grade information they need without exiting the machine. The whole crew is safer and more productive.





LS-B200

- Adjustable “on grade” accuracy
- Power save/auto cut-off
- C size alkaline batteries, rechargeable battery pack, or external power supply with DCV to 30V
- ISO 13766-1 certification
- IP66
- Range 800m (diameter)



LS-B200W

- 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 with DCV to 30V
- ISO 13766-1 certification
- Bluetooth
- Laser Manager available



LS-B10/LS-B10W

- 270° 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
- Optional Wireless Remote display or on magnetic mounts
- Optional RD-100W wireless remote display for larger machines and/or where the sensor is out of view

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 backhoe or excavator, you’ll virtually eliminate over-excavating and need not rely on a grade checker.



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