

TOPCON LS-B Series Laser Indicate Receivers and Remote Display



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[Home](#) » [Topcon](#) » TOPCON LS-B Series Laser Indicate Receivers and Remote Display Instruction Manual 

Contents

- [1 TOPCON LS-B Series Laser Indicate Receivers and Remote Display](#)
- [2 Product Usage Instructions](#)
- [3 Frequently Asked Questions](#)
- [4 Increase Your Grading and Excavating Potential with Laser Guidance](#)
- [5 Documents / Resources](#)
 - [5.1 References](#)



TOPCON LS-B Series Laser Indicate Receivers and Remote Display



Specifications:

- Product Name: LS-B Series Laser Indicate Receivers and Remote Display
- Function: Machine-mounted laser sensors for grading and excavating
- Features: Easy setup, depth control, accuracy mode, battery life indicator, power save function, 360-degree detection, wireless capability, bright LED indicators
- Compatibility: Suitable for dozers, graders, excavators, backhoes
- Website: www.topconpositioning.com/laser-receivers

Product Usage Instructions

Mounting the Laser Sensor:

Attach the LS sensor to your earthmoving machine using the magnetic mounts provided. Ensure a secure and stable attachment for accurate readings.

Setup and Calibration:

Turn on the sensor and follow the setup instructions. Bench in the sensor to establish a reference point. Calibrate the sensor according to your specific machine and job requirements.

Operating the Sensor:

Once mounted and calibrated, the sensor will provide real-time grade information without the need for you to exit the machine. The bright LED indicators will help you easily determine if you are above, below, or on-grade.

Moving the Sensor:

The LS-B Series sensors are designed for quick removal and attachment to different machines. Simply detach from one equipment and mount it onto another for versatile use across various earthmoving machines.

Battery Management:

Monitor the battery life indicator on the sensor to ensure continuous operation. Utilize the power save/auto cut off function to conserve battery when not in use.

Frequently Asked Questions

Q: Can these laser sensors be used in all weather conditions?

A: Yes, the sensors are designed with a rugged and waterproof construction, making them suitable for operation in various weather conditions.

Q: How do I know if the sensor is accurately detecting the grade?

A: The accuracy mode feature on the sensor provides feedback on the grade detection accuracy, ensuring precise measurements during grading and excavating tasks.

Q: Are these sensors compatible with all types of earthmoving machines?

A: The LS-B Series sensors are versatile and can be mounted on a range of equipment including dozers, graders, excavators, and backhoes, enhancing productivity across different machines.

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 two different models that provide 360° or 270° degree 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

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-B20/LS-B20W

- One-touch “On Grade” matching
- 100 hours (LS-B20) and 30 hours (LS-B20W) operation time
- Rotary Laser and Laser Receiver low battery warning LED
- Integrated CAN support (LS-B20W)
- IP66 environmental rating with ISO 13766-1 certification
- Laser Manager available (LS-B20W)



Laser Manager App

The mobile app puts a display and common laser functions directly on your mobile device, meaning less time walking to the laser or climbing in and out of ditches, machines or tight spots.

- Remotely see and set position and slope
- Check grade status
- Self-level and calibrate the laser
- Check battery status

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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www.topconpositioning.com/laser-receivers

Documents / Resources



[TOPCON LS-B Series Laser Indicate Receivers and Remote Display](#) [pdf] Instruction Manual

LS-B Series Laser Indicate Receivers and Remote Display, LS-B Series, Laser Indicate Receivers and Remote Display, Indicate Receivers and Remote Display, Receivers and Remote Display, Remote Display

References

- [User Manual](#)

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