



LS-B2/B3/B4

**LASER
RECEIVERS**

Clear, accurate elevation indication For excavator, motorgrader, dozer, loader, skid steers loader etc.

Need a reason to put the World's number one choice in Construction Positioning Systems to work on your next job? Here's three...

Versatile

Every Topcon LS receiver is designed and built to be used on a wide variety of machines, with the least amount of hassle.

Affordable

They're cost effective. No one else can give you this level of technology for the money.

Durable

They last. Whether we're talking about extra long battery life, years of service, or seamless compatibility with Topcon's automatic grade control systems (LS-B2 and LS-B4).

LS-B2

- 360° receiving
- 4 selectable on-grade settings
- Alkaline or rechargeable battery operation
- Automatics built-in
- Bright LED's adjust to ambient light
- Quick release clamp for fast setup
- Advanced photocells for maximum accuracy

Mount it on your machine, select the accuracy, and go to work. No cords to rip or tear, just hours of uninterrupted production. Upgrading the system later? Put it to use now, and make it part of your future plans. It's fully compatible with Topcon's System 4 & 5 Controls.



LS-B3



- 180° receiving
- Completely portable, cordless operation
- Selectable on-grade position
- No-slip magnetic mounting
- Waterproof

A visual depth control for backhoes and excavators.

Mounts on either side of the stick. Especially for excavating application, it is important to obtain true vertical stick or bucket position. By adding Topcon's optional Vertical indicator that can be easily connected to your LS-B3, you'll get the direction to grade, but also the direction to accurate vertical position of your stick or bucket.

LS-B4

- 360° receiving
- multi-colored display
- alkaline or rechargeable battery option
- selectable on-grade accuracy
- optional remote display
- system 4 & 5 compatible

The LS-B4 can be used as a stand-alone indicate system or used with any of Topcon's automatic machine control systems 4 or 5 which offers the machine operator hours of production as indicate or automatic machine control. Mounts quickly using the integrated handle/mounting bracket.



More Advanced Features ...

Packages

Just right for you, just right for your jobs

Get exactly what you want and nothing less.

With several packages to choose from, you decide what configuration is right for your jobs. No matter which one you choose there are two things included in every Topcon receiver package, value and productivity.



LS-B2 Package Includes

- LS-B2 unit
- Carrying Case

LS-B3 with Magnet

- LS-B3 unit
- Magnet unit
- 4 "AA" cell dry battery
- Soft carrying case

LS-B3 with Clamp

- LS-B3 unit
- Clamp unit
- 4 "AA" cell dry battery
- Soft carrying case

LS-B4 A Package Includes

- LS-B4 unit
- Universal Clamp Mount
- AD-7C Power supply
- DB-54C Battery door with charger
- BT-54Q Rechargeable Battery
- Hard Shell Carrying Case

LS-B4 B Package Includes

- LS-B4 unit
- Universal Clamp Mount
- DB-54 Battery Holder
- Two "D" Cell Dry Batteries
- Hard Shell Carrying Case

LS-B4 C Package Includes

- LS-B4 unit
- Soft Shell Carrying Case



Accessories

Enhance the way you work

No two contractors work the same way. That's why Topcon offers a full line of optional accessories. Make your Topcon system work just the way you want.

Optional accessories for LS-B2/LS-B4

- BT-39Q, Rechargeable battery (only for LS-B2)
- AD-7C, Power Supply
- RD-2, Remote Display
- IR-2, Infrared Receiver (only for LS-B2)
- Power and communication cable's

Optional accessories for LS-B3

- Clamp unit
- Magnet unit
- VI-3, vertical indicator

Total solution, get even more

When you pair your new Topcon LS receiver with a Topcon RL-H3A, RL-H3B, RL-H1Sa or RL-H2Sa laser you'll get time saving features like low battery and out of level indication right on the receiver. No more unexpected battery changes or working from an inaccurate laser.



	LS-B4	LS-B3	LS-B2
Vertical Detecting Range	200mm	200mm	200mm
Horizontal Detecting Range	360°	180°	360°
Laser Detecting Range	300m w/Topcon RL-H1SA	200m w/Topcon RL-H3A	300m w/Topcon RL-H1Sa
DEADBAND WIDTH			
Fine	±6mm	±10mm	±3mm
			±6mm
			±15mm
Coarse	±20mm	N/A	±30mm
POWER OPTIONS			
alkaline	2 "D" cell batteries	4 "AA" cell batteries	3 "D" cell batteries
rechargeable	NiMH battery	No	NiCad battery
external DC	Yes	No	Yes
External Conector	Yes,(Input/output)	No	Yes,(Input/output)
Internal Valve drivers	No	No	Yes
BATTERY LIFE			
alkaline	approx. 60 hrs.	approx. 40 hrs.	approx. 80 hrs.
rechargeable	approx. 40 hrs.	N/A	approx. 40 hrs.
Dimensions (DxWxH)	186mm x 133mm x 313mm body only	132mm x 81mm x 286mm body only	165mm x 200mm x 310mm body only
Weight	2.4 kg w/o batteries	1.5 kg w/o batteries	3.7 kg w/o batteries

More than 70 years of experience

For 70 years, Topcon has been a leading manufacturer in industrial, medical and positioning enhancement tools. This broad experience has created a basis for Topcon's wide product line for basically every positioning need, whether it's for construction or surveying applications.

For the construction industry, Topcon offers a complete range of innovative laser and sonic solutions, including industry leading products for interior, utility, general construction and machine control applications.

For surveying applications, Topcon manufactures and supplies a complete range of optical measuring products, from digital and optical levels to theodolites and robotic total stations, and a full line of GPS+ satellite positioning solutions.

Product & Service support

To assure that your Topcon product maintains peak performance, your local Topcon dealer offers factory trained certified service technicians. And just in case service assistance isn't available in your area, our Europe wide network of Topcon offices, offer repair and return service policies second to none.

Innovation, not imitation

During the last decades, Topcon has brought many innovative solutions to the industry, that offer the contractor significant productivity increase and greater ease of use. That's the key to leadership, and the reason Topcon is the world's leading supplier of laser and surveying instruments. Some examples of unique Topcon technologies:

- Waterproof auto level
- The integrated total station, "The Guppy"
- The compact coaxial total station (GTS-1)
- World's First laser with beam scanning technology
- The first waterproof total station
- GreenBeam® visible construction lasers
- Automatic excavator control system
- World's First 3-D machine control (3D- MCT™ LPS)
- 5" Grade laser with automatic alignment & remote control
- Horizontal self leveling laser with liquid compensator
- First robotic total station with instant beam lock system (GTS-800A and RC-2)
- First satellite-directed automatic 3D machine control system (3D-MCT™ GPS)



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