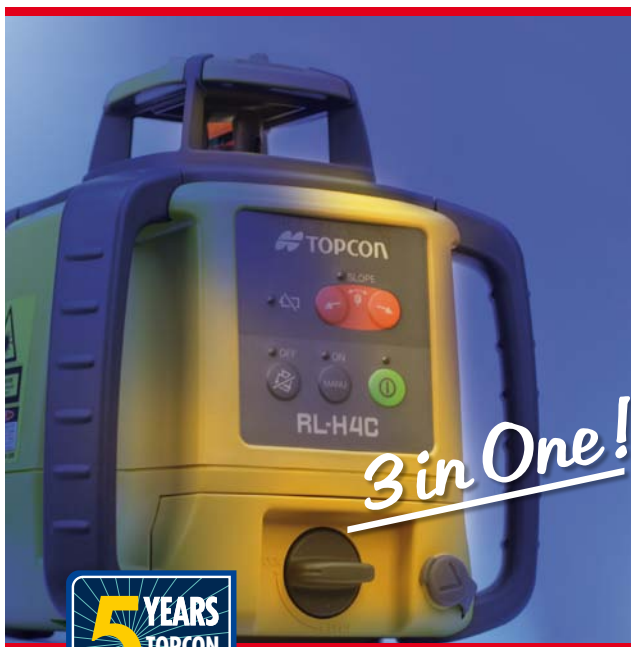


RL-H4C



## CONSTRUCTION LASER



### Three lasers in one

- High horizontal accuracy
- Simple, intuitive slope capability with automatic cross axis self-leveling
- Long range

**It's time.**

## Horizontal, slope and long range capabilities in one tough package.

"The best construction laser I have ever seen in my 30 years experience", said Jim Pelham Laser Specialist from Great Britain. "It's working under all conditions even when it's snowing."

**1**

### High horizontal accuracy

- One button operation
- High speed self-leveling
- Rough housing waterproofed IP66

**2**

### Slope function

- Slope matching capabilities to  $\pm 5\%$
- 600rpm rotation speed
- Machine control usage

**3**

### Long range function

- High-Speed self-leveling
- Long  $\varnothing$  800m operating range
- 60 hour operating time with rechargeables



## One laser, all functionalities included

Looking for a proven, rugged, reliable General Construction laser. A laser you can count on to increase quality and efficiency, a laser that provides maximum impact at a minimum price. You've found it. The RL-H4C Construction laser meets all of your job site needs, from layout to grade control.

*3 in One!*



**1** Heavy-duty glass and rugged body holds up to everyday bangs and bumps.

**2** HI Alert LED indicator lets you know if the laser has been bumped or moved

**3** Height alert can be turned off when using a slope block or matching a slope

**4** Fast self-leveling motors get you to work fast and keep you working accurately all day

**5** Weather/UV resistant colour-coded membrane switches and bright LED indicators make for easy, verifiable operation from a distance

**6** Rugged grips on two sides

## Key Features

- Simple, intuitive slope match capability with automatic cross axis self-leveling
- Long-Distance sensor
- Automatic height alert
- Machine control compatible 600 rpm
- Optimally focused beam provides long Ø 800m operating range



## RL-H4C Package

- Long range receiver
- Sensor holder
- Manual
- New tough carrying case



## LS-80L long range receiver

- Two way communication for height alert and laser battery status
- 5 levels of LCD display precision
- Extended battery life
- Quick find sensor
- "SmartClamp" adjustable rod clamp
- Auto shut-off



**SPECIFICATIONS\***

<b>Instrument</b>	<b>RL-H4C</b>
Beam type / power	red (visible diode) / 2.0mW (max.)
Operating range (radius)	400m
Accuracy	1.5 mm per 30m
Self-leveling range	±5°
Rotation speed	600 rpm
Power	Rechargeable battery
Battery life	approx. 60 hrs
Waterproof	IP66
Dimensions / Weight	177 x 196 x 217 mm / 2,6 kg
<b>Laser Receiver</b>	<b>LS-80L</b>
Grade information channels	11 (+high/low out of range)
On-Grade precision	High precision: ±1 mm, Normal precision: ±2 mm
Audible on-grade alarm	Yes
Power	9 Vdc alkaline
Battery life	Approx. 120 hrs
Auto shut-off	After 30 minutes w/o beam detection

\* all technical changes are reserved by TOPCON, 03/2011

## The Leader in Positioning Technology ...

Topcon is the worldwide leading developer and manufacturer of precision positioning equipment and offers the widest selection of innovative precision GPS systems, laser, optical surveying, machine control, GIS and Mobile Mapping products.



**It's time.**

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