

LL100 Applications

- General elevation control
- Checking and setting elevations for smaller job sites
- Leveling forms and footers
- Estimating cut and fills
- Ideal for decks, terraces, pools, septic systems
- Basic slopes for driveways and ramps

Spectra Precision Laser LL100 Laser Level



A New Standard in Affordable Professional Laser Tools

Durable, accurate laser level withstands the toughest job site

The fully automatic, self-leveling Spectra Precision® Laser LL100 sets a new standard in rugged reliability, handling a wide variety of general construction applications. Even in the toughest job site conditions, the LL100 consistently delivers reliable, accurate performance to increase your overall productivity and cost-savings.

The LL100 laser mounts on a tripod and sends a 360° plane of laser light over the entire work area, allowing one person to take accurate, self-leveled elevation measurements up to 500 feet (150 m) away with the HR320 laser receiver.

The LL100 is designed to be durable and reliable, day in and day out, and features superior drop and weather protection. The tough LL100 laser can withstand drops of up to 3 feet (1 m) onto concrete and tripod tip-overs up to 5 feet (1.5 m). This ruggedness results in reduced downtime and lower repair costs.

A Leveling Crew in a Case

A tripod and grade rod is included with the laser and HR320 receiver in one hard-shelled, portable, system carrying case. It's easy to transport, easy to carry, easy to store, and especially easy to use.



HR320 Receiver

The Spectra Precision Laser HR320 can be used as a handheld or rod mounted receiver. The easy to use receiver is totally waterproof and dustproof and can stand up to tough job site conditions. It is designed to withstand a 5 foot (1.5 m) drop onto concrete. Front and rear LCD's graphically display information and are easy to read from a variety of angles. Loud beeper outputs can be heard on noisy job sites. A slide on clamp quickly attaches to the receiver.



Spectra Precision Laser LL100



A New Standard in Affordable Professional Laser Tools

LL100 Features and Benefits

- Complete leveling crew in a case - laser, tripod, receiver and clamp, choice of grade rod, alkaline batteries in a portable hard shelled carrying case
- Easy to transport, easy to carry, easy to store
- Automatic electronic self-leveling - turn it on and start working
- Simple one-button operation for quick start up
- Height of Instrument Alert - unit stops rotating when jarred to avoid erroneous readings
- Job site durable and tough - withstands a 3 ft (1 m) drop on concrete or a 5 ft (1.5 m) tip over without breakage. Rugged design reduces downtime
- Single axis manual slope mode to match known references. Slopes can be set up to 100 ft (30 m) away with the optional RC601 remote control
- Energy-efficient design offers long battery life on 2 D-cell alkaline batteries
- Rotor cage can be removed for precise 360° coverage
- Exclusive 3-year limited warranty with instant "over the counter" exchange policy eliminates downtime

HR320 Features and Benefits

- Dual LCD's on front and rear are ideal for general exterior applications
- Fine or standard accuracy fits all application needs
- Strong waterproof housing (IP67) protects the unit from dust, moisture and accidental drops
- Loud 100 dBA speaker can be heard on the noisiest job sites

LL100 Laser Specifications

Laser Source 650 nm visible, Class 2
 Laser Accuracy . . . ±1/8 in at 100 ft (±3 mm at 30 m)
 Operating Range (Diameter)
 w/HR320 receiver. 1,000 ft (300 m)
 Self-Leveling Range ±5 degrees
 Compensation Method Electronic self-leveling
 Drop Height on Concrete performance 3 ft (1 m)
 Single Axis Manual Slope Mode Yes
 Out of Level (HI) Warning Yes
 Power Source 2 "D" alkaline
 Battery Life 80 hours
 Rotation Speed 600 RPM
 Tripod Mount (Horizontal and Vertical) 5/8" x 11
 Operating Temperature 23 to 113°F (-5 to 45°C)
 Storage Temperature -4 to 158°F (-20 to +70°C)
 Water Resistant Yes, IP54 sealing
 Size 8.5 x 6.7 x 6.0 in (22 x 17 x 15 cm)
 Weight 3.3 lbs (1.5 kg)
 Warranty 3-Year limited with instant exchange

HR320 Receiver Specifications

Two On-Grade Sensitivities Fine 1/16 in (2 mm)
 Standard 1/4 in (6 mm)
 LCD Channels 5
 Battery Life 70 hrs
 Automatic Shutoff 30 minutes
 Dust & Waterproof Yes IP67
 Weight 12 oz (.33 kg)
 Warranty 2 Years



HR320 Receiver and C59 rod clamp included with every package



Optional RC601 Remote Control aids in slope matching



Complete system carrying case includes tripod and your choice of grade rod.

Standard case with laser and receiver only also available.



YOUR LOCAL SPECTRA PRECISION LASER REPRESENTATIVE

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