LL300N

Applications

- General elevation control
- Checking and setting elevations for small to medium job sites
- Leveling forms and footers
- Estimating cut and fills
- Excavations
- Basic slopes for driveways and ramps



The Toughest Laser Level You'll Ever Own

1m (3ft) SHOCK PROOF

5 YEAR WARRANTY NO COST







The automatic, self-leveling Spectra Precision® LL300N Laser Level is the most rugged laser level available, tough enough to handle a wide variety of general and concrete construction applications. Even in harsh jobsite conditions, the LL300N delivers consistently reliable and accurate performance, enabling you to work faster and smarter.

The rugged LL300N laser can withstand drops of up to three feet (one meter) onto concrete and tripod tipovers up to five feet (1.5 meters). This strength, combined with full weatherproofing and dustproofing, reduces downtime and lowers repair costs over the life of the product.

The LL300N laser's self-leveling capability and optional RC601 remote control result in outstanding accuracy and ease of use. Since the LL300N laser levels itself when turned on, setup is easy with fewer controls to deal with. The RC601 remote control gives you the option of matching slopes or having slopes-ongrade. It also offers single-axis slope including HI warning control with the other axis continuing to level itself.

Key Features

- Automatic self-leveling
- Accuracy 3/32 inch @ 100 ft (2.2mm @ 30 m)
- Working range of 1,650 ft (500 m) diameter
- Simple one-button operation for quick start up
- Height of Instrument Alert - unit stops rotating when jarred to avoid erroneous readings
- Single axis manual slope mode (with RC601 Remote Control)
- Complete kit available and fits in one case with tripod and grade rod
- Extremely durable and portable
- 5 Year warranty

User Benefits

- Complete leveling crew in a case - carrying case securely holds all components, tripod and grade rod
- Easy to transport, easy to carry, easy to store
- Energy-efficient design offers long battery life
- Highly durable construction enables the LL300N to survive a drop up to 3 feet (1 m) onto concrete
- Remote control slope option increases flexibility of applications

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The Toughest Laser Level You'll Ever Own

LL300N Laser Specifications

- Laser Source: 650 nm, Class 2, <3,4mW
- Laser Accuracy: ±3/32 in at 100 ft (±2.2 mm at 30 m)
- Operating Range: 1,650 ft (500 m) diameter
- 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 (w/self-leveling mode on the second axis), with optional RC601 remote control
- Out-of-level Warning: Rotor stops, red out-of-level HI-LED flashes
- Power Source: 4 x D-cell NiMH or alkaline batteries
- Battery Life: Rechargeable - 45 hours, Alkaline - 90 hours
- Battery Status LED: Flashing red LED
- Rotation Speed: 600 RPM
- Tripod Mount (Horizontal and Vertical): 5/8" x 11
- Operating Temperature: -4 °F to 122 °F (-20 °C to 50 °C)
- Storage Temperature: -4 °F to 158 °F (-20 °C to 70 °C)
- Water Resistant: Yes, IP66
- Size: 10.7L × 7.7W × 7.9H in (27.2L × 19.7W × 20.1H cm)
- Weight: 5.9 lbs (2,7 kg)
- Warranty: 5 Years

HL450 Receiver Specifications

- Digital Readout Units: mm, ft, in, frac
- Reception Height: 4 inches (102 mm)
- Three On-grade Sensitivities:
  - Fine ~1/16 in (1 mm)
  - Medium ~1/4 in (5 mm)
  - Calibration Mode ~1/64 in (0.1 mm)
- Battery Life (2 x AA): 70+ hrs
- Automatic Shutoff: 30 minutes
- Operating Temp.: -4°F to 122°F (-20°C to 50°C)
- Dust & Waterproof: Yes IP67
- Weight without Clamp: 13.1 oz (0.371 kg)
- Warranty: 3 Years, 2 Years "No Excuses"



LL300N features a strong metal sunshade



Optional RC601 Remote Control allows easy slope matching



HL450 Receiver and C45 rod clamp included (Other configurations are also available.)



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

Standard case with laser and receiver only also available.



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To locate your nearest distributor, please visit the Dealer Locator section at www.spectraprecision.com
Specifications and descriptions are subject to change without notice.

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