



# LL300S

## Medium-Range, Highly Accurate Leveling Solution



### Key Features and Benefits

- Available in system case with receiver, tripod
- Fully automatic self-leveling provides fast and accurate setup
- Rechargeable battery pack or alkaline batteries keeps the unit working with no downtime due to power loss
- Optional RC402N remote control allows easy grade matching using the remote control from rod position
- 2,600 ft (800 m) operating diameter
- Single-axis manual slope mode with 'cross-axis' self-leveling allowing grade matching for basic slope work, while maintaining accuracy in the cross-axis
- Built to withstand severe drops of up to 3 ft (1 m) directly onto concrete, or up to 5 ft (1.5 m) when pushed over on a tripod means less downtime and cost due to damage caused by an accidental drop or tip-over
- Comes with a choice of HL450 or HL760. Fingerprinting function can be used when used in conjunction with HL760 receiver.

### Applications

- Checking/setting elevations, concrete forms, footings, and foundations for small and medium sized jobs
- Basic slope work such as driveways and ramps
- Excavating, digging footings, and septic tanks

Part No.	Receiver	Remote	Power	Rod	Tripod	Case
LL300S	HL450	No	4 D Alkaline	No	No	Small Case
LL300S-4	HL450	No	Rechargeable Pack*	No	No	Small Case
LL300S-7	HL760	No	4 D Alkaline	No	No	Small Case
LL300S-17	HL760	No	4 D Alkaline	GR151 Tenths	Q104025	System Case
LL300S-27	HL760	No	4 D Alkaline	GR152 Inches	Q104025	System Case
LL300S-47	HL760	RC402N	Rechargeable Pack*	No	No	Small Case

All part numbers include LL300S transmitter and case. \*Rechargeable pack comes with NiMH batteries and charger.



# LL300S

## 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



## Full Featured Horizontal Laser



The automatic, self-leveling Spectra Precision® LL300S 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 LL300S delivers consistently reliable and accurate performance, enabling you to work faster and smarter.

The rugged LL300S 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 LL300S laser's self-leveling capability and optional RC402N radio remote control result in outstanding accuracy and ease of use. Since the LL300S laser levels itself when turned on, setup is easy with fewer controls to deal with. The arrow buttons at the laser offer easy grade matching with a controlled slope setup using the HI-alert function. The optional RC402N radio remote control makes slope matching to a single person operation.

### Key Features

- Automatic self-leveling
- Accuracy 1/16 inch @ 100 ft (1.5mm @ 30 m)
- Working range of 2,600 ft (800 m) diameter
- Simple keypad for easy grade matching
- Height of Instrument Alert - unit stops rotating when jarred to avoid erroneous readings
- Long range Radio remote control (optional)
- 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 (valid for the complete system kit)
- Easy to transport, easy to carry, easy to store
- Energy-efficient design offers long battery life
- Highly durable construction enables the LL300S to survive a drop up to 3 feet (1 m) onto concrete
- Radio remote control offers access to all laser function from every jobsite place





# Full Featured Horizontal Laser

## LL300S Laser Specifications

- Laser Source: 650 nm, Class 2, <3,4mW
- Laser Accuracy:  $\pm 1/16$  in at 100 ft ( $\pm 1.5$  mm at 30 m)
- Operating Range: 2,600 ft (800 m) diameter
- Operating Range (RC402N): 330 ft (100 m)
- Self-leveling Range:  $\pm 5$  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)
- Out-of-level Warning: Rotor stops, red out-of-level HI/MAN-LED flashes
- Power Source: 4 x D-cell NiMH or alkaline batteries
- Battery Life: Rechargeable - 47 hours, Alkaline - 60 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 and Dust Protection: Yes, IP66
- Size: 10.7L x 7.7W x 7.9H in (27.2L x 19.7W x 20.1H cm)
- Weight: 5.9 lbs (2,7 kg)
- Warranty: 5 Years



LL300S features a strong metal sunshade

## HL450 Receiver Specifications

- Digital Readout Units: mm, ft, in, frac
- Reception Height: 4 inches (102 mm)
- Three On-grade Sensitivities:
  - Fine  $\sim 1/16$  in (1 mm)
  - Medium  $\sim 1/4$  in (5 mm)
  - Calibration Mode  $\sim 1/64$  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"



Optional RC402N Radio Remote Control offers grade matching as a single person operation

HL450 Receiver and C45 rod clamp included



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

Standard case with laser and receiver only also available.

Both case are available with alkaline or rechargeable batteries.



Lasers and Levels

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