GL1425C

Applications

- Grading and excavation
- Leveling concrete forms and footers
- General construction vertical alignment such as anchor bolt and form alignment
- Sports fields, tennis courts, driveways and landscaping
- Ramps and drainage



Your Dual Grade Laser Connection







The automatic self-leveling Spectra Precision® GL1425C dual grade laser is the most rugged, cost-effective laser that does three jobs—level, grade, and vertical alignment. Even in harsh jobsite conditions, the GL1425C delivers consistently reliable and accurate performance, enabling you to work faster and smarter.

The GL1425C has Bluetooth built in so it can work with the Spectra Precision Laser Remote App and eliminate the cost of the remote control. The laser can be controlled with your smartphone.

The rugged GL1425C laser can withstand drops of up to 1 meter (3 feet) onto concrete and tripod tip overs up to 1.5 meters (5 feet). This strength, combined with full weatherproofing and dustproofing, reduces downtime and lowers repair costs over the life of the product.

The GL1425C has options for receivers.The advanced HL760 Digital Readout receiver provides automatic Grade Match which allows measurement of unknown grade values between two points over unknown ground and eliminates time consuming slope calculations. PlaneLok automatically locks on to an existing elevation or vertical alignment point which eliminates all drift or possibility of error due to improper calibration or weather. The CR700 receiver is also an option when a machine mounted display elevation is required.

Key Features

- Automatic self-leveling - Horizontal, vertical, and grade
- Accuracy 1.5mm @ 30m (1/16 inch @ 100 ft)
- Working range of 800m (2,600 ft) diameter
- Radio communication between the HL760 and CR700 digital receiver and the laser provides automatic Grade Matching and PlaneLok
- Bluetooth connection allows laser control with a smartphone
- Height of Instrument Alert - unit stops rotating when jarred to avoid erroneous readings
- Rotation selection of 300, 600 or 900 RPM
- Extremely durable and portable
- 5 Years warranty

User Benefits

- Simplifies level, grade and vertical alignment setups
- Increases reliability, accuracy and durability
- Easy to transport, easy to carry, easy to store
- Energy-efficient design offers long battery life
- Highly durable design enables the GL1425C to survive a drop up to 1m (3 feet) onto concrete
- Remote control or remote control app allows operation of all laser functions from anywhere on the jobsite

1m (3ft) SHOCK PROOF

5 YEAR WARRANTY NO COST

SPECTRA PRECISION

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Your Dual Grade Laser Connection

GL1425C Laser Specification

Leveling Accuracy[1,2] vertical, horizontal	± 1,5 mm / 30 m; 1/16 in @ 100 ft; 10 arc seconds
Grade Accuracy[1,2]	± 3,0 mm / 30 m; 1/8 in @ 100 ft.; 20 arc seconds
Grade temperature drift, typical	± 0,9 mm / 30 m / 1°C; 1/16" @ 310ft. @ 1°F
Grade range no tilt adjustment	Typical ± 9 %
Grade range with tilt adjustment	± 15 %
Rotation Speed[1]	300, 600, 900 rpm
Operational Diameter[1,3,4], with HL760	Typical 800 m (2600 ft) diameter
GradeMatch Distance	Typical 80 m (260 ft)
PlaneLok Distance	Typical 80 m (260 ft)
Laser Type	630 – 643 nm
Laser Class	Class 2
Self Leveling Range	Typ. ± 5° (± 8.7%)
Radio Range (HL760)[1,3,4]	Up to 100 m (330 ft)
Operating Temperature	-20°C to +50°C (-4°F to +122°F)
Storage Temperature	-25°C to +70°C (-13°F to +158°F)
Power Source	10000 mAh NiMH battery back (included) or 4 x 1.5V D alkaline batteries (not included)
Battery Life Time[1,] NiMH	Typical 45 hours
Battery Charging Time	< 10 hours
Battery Charging Temperature	5°C to +40°C (+41°F to +104°F)
Tripod Attachments	5/8 x 11 horizontally and vertically
Warranty	5 Years
Dust and Water Proof (IP)	IP66
Weight	3,49 kg (7.7 lbs) (incl. Battery pack)
Product Dimensions	280 x 180 x 240 mm (11.0 x 7.1 x 9.5 in)



GL1425C features an enclosed lighthouse for superior ruggedness and environmental protection



HL760 Digital Readout Receiver includes the C70 rod clamp



RC1402 Remote Control

RC1402 Remote Specification

Radio operating range[1,3,4]	Up to 100m (330ft)
Power Source	2 x 1.5V AA alkaline batteries
Battery life[1]	Typ. 130 hours
Warranty	2 Years
Dust and Water proof	IP66
Weight (without batteries)	0,21 kg (0.47 lbs)

HL760 Receiver Specification

Operating range[1,3,4,5]	Up to 920 m (3000 ft)
Laser Detection Height	127 mm (5.0 in)
Battery life[1] (2 x 1.5V "AA")	Typ. 60+ hours
Warranty	3 Years
Dust and Water proof	IP67
Weight (without batteries)	0,32 kg (0.72 lbs)

[1] at 21°C/70°F
[2] along the axis
[3] under optimal atmospheric conditions
[4] when product is setup at a min. height of 1 m /3 ft.
[5] laser dependent

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To locate your nearest distributor, please visit the Dealer Locator section at www.spectraprecision.com
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