HV1305C
HV1305GC

Applications

- Interior and Exterior general construction
- Leveling and aligning of forms and footers
- Vertical alignment - tilt wall, interior layout and exterior anchor bolt and form alignment
- Commercial ceiling and drywall installation
- Interior finishing work



Horizontal/Vertical and Interior/Exterior Versatility







The automatic self-leveling Spectra Precision® HV1305C red beam laser and HV1305GC green beam laser are the most rugged, cost-effective lasers that provide both horizontal and vertical alignment. Even in harsh jobsite conditions, the lasers deliver consistently reliable and accurate performance, enabling you to work faster and smarter.

The rugged lasers 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 lasers have Bluetooth® built in so they can be controlled with your smartphone with the Spectra Precision Laser Remote App. This eliminates the extra cost of the remote control.

These lasers are designed for commercial and industrial buildings and offer superior accuracy,and distance compared to line and point lasers.

Key Features

- Automatic self-leveling - horizontal & vertical
- Accuracy 1.5mm / 30m (1/16 inch / 100 ft)
- Working range of up to 1200m (4,000 ft) diameter with HL760
- Bluetooth connection allows laser control with a smartphone
- Height of Instrument Alert - unit stops rotating when jarred to avoid erroneous readings
- Automatic plumb down beam for quick and easy vertical setup
- Superior electronic pointing for precise control when positioning the beam
- Rotation selection of 0, 10, 100, 200, 300 or 600 RPM
- Power versatility - charge the batteries inside or outside the laser. Alkaline batteries can also be used
- Extremely durable and portable
- 5 Years warranty

User Benefits

- Simplifies level and vertical alignment setups
- Increases reliability, accuracy and durability
- Energy-efficient design offers long battery life
- Highly durable design able 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

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Your Horizontal/Vertical Laser Connection

HV1305C / HV1305GC Laser Specifications

Leveling Accuracy[1,2], vertical, horizontal	± 1,5mm / 30m; 1/16 in @ 100ft; 10 arc seconds
Rotation Speed[1]	Preset 0, 10, 100, 200, 300 and 600 rpm Adjustable in 10 rpm increments >100rpm
Scan Angles	Preset 5°, 15°, 45° and 90° Adjustable in 5° increments
Operational Diameter[1,3] with HL760 (Not for HV1305GC Laser Class 2)	Typ. 1200 m (4000 ft)
PlaneMatch Distance	Typ. 80 m (260 ft)
PlaneLok Distance	Typ. 80 m (260 ft)
Laser Type	510 – 530 nm / 630 – 643 nm
Automatic plumb down accuracy	15 arc min; 5 mm @ 1 m (1/4 in @ 4 ft)
Plumb down roll limitation	± 8°
Laser Class	HV1305C Class 3 HV1305GC Class 3 (Class 2 available in Europe)
Self-Leveling Range	Typ. ± 5° (± 8.7%)
Radio Range (HL760)[1,3,4]	Up to 100m (330 ft)
Operating Temperature (inside product 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	10000mAh NiMH battery back or 4 x 1.5V D alkaline batteries
Battery Lifetime (NiMH)	HV1305C up to 45 hours HV1305GC up to 30 hours
Battery Charging Time	< 10 hours
Battery Charging Temperature	5°C to +40°C (+41°F to +104°F)
Charger Input Voltage	100V-240VAC ± 10%, 50 Hz – 60 Hz
Tripod Attachments	5/8 x 11 horizontally and vertically
Dust and Water Proof (IP)	IP66
Weight	3.49 kg (7.7 lbs) (incl. Battery pack)
Product Dimensions	240mm x 280mm x 180mm (9.45 in x 11.02 in x 7.09 in)

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)

[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



An enclosed lighthouse provides exceptional ruggedness and environmental protection



Multiple rotation speeds and superior electronic pointing for precise positioning control at 0 rpm



Adjustable scan angles concentrate the beam where needed for optimum visibility



HL760 and HL760U Digital Readout Receiver options include C70 rod clamp



Laser Remote App puts the remote on your device



Optional RC1402 Remote Control



System case packages available that hold laser and accessories

HL760 / HL760U Receiver Specifications

Operating range[1,3,4,5] Laser Class 3	Up to 1200 m (4000 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)

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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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