

HV301 Applications

Interior

- Acoustical ceiling installation
- Drywall installation
- Squaring/layout
- Interior finishing work

General Construction

- Residential construction
- Small-to-medium commercial construction
- Leveling
- Squaring/layout
- Vertical alignment
- Plumb

Spectra Precision Laser HV301



Multipurpose Construction Laser for Interior and Exterior Applications

Tough, Highly Versatile Interior and General Construction Laser

The automatic, self-leveling Spectra Precision® Laser HV301 is an economical laser with exceptional versatility and visibility. Whether your job is indoors or outdoors, the HV301 laser handles a wide variety of horizontal, vertical and plumb applications, as well as interior applications with a high-visibility beam enabling simultaneous rotating and 90-degree references. The HV301 laser beam is easy to see in any interior jobsite conditions.

The HV301 laser transmitter sends a continuous, self-leveled 360-degree laser reference over your entire work area. Designed to be used by any contractor, anywhere, the HV301 laser is easy to set up and use and is rugged enough for the toughest job site. Intuitive controls allow operators to carry out many functions with simple "one-touch" commands. Highly durable construction and IP54 sealing enable the HV301 laser to survive a drop of up to 1 meter (3 feet) onto concrete and to be unaffected by dust or moisture.

The HV301 Laser Interior Package includes:

- HV301 Laser
- 360-degree IR remote control
- Rechargeable batteries and charger
- Wall mount
- Ceiling target
- Operator's manual
- Hard carrying case



The HV301 Laser General Construction Package includes:

- HV301 Laser
- HR350 Receiver
- Rechargeable batteries and charger
- Operator's manual
- Hard carrying case

Additional accessories are available for added versatility and increased jobsite productivity.

Spectra Precision Laser HR150 Receiver for Interior Construction

The HR150 receiver features a built-in magnet and mounts to grid or track. The dual LED displays with green on-grade can be easily seen in brightly lit indoor or outdoor applications such as soffit, curtain-wall, or glazing.

Spectra Precision Laser HR350 Receiver for General Construction

This flexible, innovative receiver can be used either as a handheld or rod-mounted unit. The easy-to-use HR350 receiver features a durable composite housing that is both lightweight and capable of withstanding a drop of up to 1.5 meters (5 feet) onto concrete. Front/Rear LCDs combined with Front LEDs are easy to read—even in the poorest jobsite conditions. The loud, 100 db speaker allows you to get to grade quickly—even on the loudest sites.



Spectra Precision Laser HV301



Maximum Versatility in Interior and General Construction Applications

HV301 Laser Features

- High durability with IP54 sealing
- Automatic self-leveling for level and plumb
- Temperature compensation for accurate outdoor use regardless of season
- Highly visible beam
- Flexible power options and battery recharge port
- Intuitive, one-touch operator controls
- Built-in vertical stand and 5/8" x 11" H/V mounting
- Manual slope control to match known references
- Uni-mount feature allows for application setups with no extra accessories

HV301 Laser Specifications

Laser source	<5 mW nominal
Laser accuracy	±3/32 in at 100 ft (±2.2 mm at 30 m) (±15 arc seconds)
Temperature compensation	Yes (2 arc seconds / °C)
Self-leveling range	±5 degrees
Compensation method	Electronic self-leveling
Power source	Rechargeable or alkaline batteries
Battery life	40 hours rechargeable, 90 hours alkaline
Battery Status LED	Flashing red LED
Battery recharging time	Less than 10 hours
Rotation speed	Four preset speeds from zero to 600 rpm
Out-of-level warning	Rotor stops, laser shuts off, red out-of-level LED flashes
Operating temperature	-20 °C to 50 °C (-4 °F to 120 °F)
Storage temperature	-20 °C to 70 °C (-4 °F to 158 °F)
Warranty	2 years
Water resistant	Yes, and IP54 sealing
Size	24.5L x 16.5W x 18.5H cm (9.6L x 6.5W x 7.3H in)
Weight	2.7 kg (6 lbs)



HR150 Receiver
included with combo
package



RC601 Remote
included with interior
and combo package



HR350 Receiver
included with GC package

HR150 Receiver and HR350 Receiver Features

- Rugged, water-resistant composite housing improves performance in tough jobsite conditions and poor weather
- Visible operation, day or night, in any conditions with Red HI/LOW LEDs and green on-grade indicating Level or plumb
- Versatile rod clamp works on most grade rods and allows receiver removal without any screws or fasteners
- Operates over two weeks on two AA batteries for reduced operating costs and downtime. The captive battery door prevents accidental loss when changing batteries

HR150 Receiver Specifications

Drop capable on concrete	1.5 m (5 ft)
Operating range (radius)	150 m (500 ft)
Displays	Dual LED with green on-grade
Number of display channels	3
On-grade sensitivities	1
Decibel level	100
Low battery warning	Yes
Auto shut-off (30 minutes)	Yes
Water resistance	IP67
Weight (without clamp)	245 g (8.6 oz)
Dimensions (DxWxL)	2.8 x 5 x 13.7 cm (1.1 x 2 x 5.4 in)
Warranty	1 year

HR350 Receiver Specifications

Drop capable on concrete	1.5 m (5 ft)
Operating range (radius)	250 m (825 ft)
Displays	Dual LCD and front LEDs with green on-grade
Number of display channels	5
On-grade sensitivities	2
Decibel level	100
Low battery warning	Yes
Auto shut-off (30 minutes)	Yes
Water resistance	IP67
Weight (without clamp)	250 g (8.8 oz)
Dimensions (DxWxL)	2.5 x 7 x 13.5 cm (1 x 2.75 x 5.32 in)
Warranty	1 year

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