

HV101 Applications

Interior

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

General Construction

- Residential construction
- Light commercial construction
- Leveling
- Squaring/layout
- Vertical alignment
- Plumb

Spectra Precision Laser HV101



Multipurpose Construction Laser for Interior and Exterior Applications

Tough, Highly Versatile Interior and General Construction Laser

The Spectra Precision® Laser HV101 is a professional tool with an economical price tag. Exceptional versatility allows it to handle a wide variety of horizontal, vertical and plumb applications.

The HV101 laser transmitter is automatically self-leveled in the horizontal and vertical planes and sends a continuous 360-degree laser reference over the entire work area. The HV101 laser is easy to set up and use and is rugged enough for the toughest job site. Simple controls allow operators to carry out many functions with "one-touch" commands. A remote control offers scanning, speed control, slope settings, and alignment control for fast one person setups.

Highly durable construction enable the HV101 laser to survive a drop of up to 1 meter (3 feet) onto concrete. IP54 environmental sealing means the HV101 is unaffected by dust or moisture.

A 3 year "No Downtime" limited warranty provides instant, over-the-counter exchanges if ever a problem is experienced.



The HV101 Laser Interior Package includes:

- HV101 Laser, 360-degree IR remote control, wall mount, ceiling target, laser glasses, alkaline batteries, operator's manual, and hard carrying case. (PN HV101)

The HV101 Laser Universal Package includes:

- HV101 Laser Interior Package components and HR150 Receiver with rod clamp, alkaline batteries and operator's manual. (PN HV101-4)

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 applications such as soffit, curtain-wall, or glazing.



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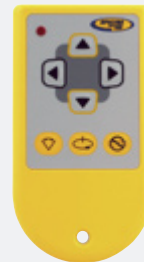
Versatility in Interior and General Construction Applications

HV101 Laser Features

- Automatic electronic self-leveling for level and plumb - turn it on and start working
- Exclusive instant "Over the Counter" replacement warranty, for 3 years
- High durability - designed and warranted to take a 3 ft (1 m) drop onto concrete
- Highly visible beam is easy to see
- Remote control allows operation of key functions over the job site
- Intuitive, one-touch operator controls for quick start up and adjustment
- Multiple scanning angles and rotating speeds to match various conditions
- IP54 weatherproof sealing to withstand job site conditions
- Built-in vertical stand and 5/8" x 11" horizontal and vertical mounting
- Manual slope control to match known references
- Uni-mount feature allows for application setups with no extra accessories
- Complete package self-contained in heavy-duty carrying case

HV101 Laser Specifications

Laser Source	<5 mW @ 635 nm, Class 3A
Laser Accuracy	±1/8 in at 100 ft (±3 mm at 30 m) (±20 arc seconds)
Operating Range	100 ft (30 m) minimum visual 1,000 ft (300 m) diameter with receiver
Self-leveling Range	±5 degrees
Compensation Method	Electronic self-leveling
Power source	2 x "D" Alkaline Batteries
Battery life	50 hours Alkaline 45/25 hours user provided Ni-MH/Ni-CD
Battery Status LED	Flashing red LED
Rotation speed	Four preset speeds 0, 50, 200, 600 RPM
Scan angles	Five preset angles 3°, 8°, 45°, 90°, 180°
Out-of-level warning	Rotor stops, laser shuts off, red out-of-level LED flashes
Operating temperature	23 °F to 113 °F (-5 °C to 45 °C)
Storage temperature	-4 °F to 158 °F (-20 °C to 70 °C)
Warranty	3 Year Limited with Instant Exchange
Water resistant	Yes, and IP54 sealing
Size	.85L x 6.7W x 6.0H in (21.6L x 17.1W x 15.2H cm)
Weight	3.3 lbs (1.5 kg)



RC601 Remote Control included with Interior Package PN HV101



HR150 Receiver - Included with Universal Package PN HV101-4

HR150 Receiver Features

- Rugged, water-resistant composite housing improves performance in tough job site 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



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