



**RL-VH3 Series
(A/B/G)**

**INTERIOR
LASERS**

All of the features you would expect ... and more!

Introducing the next generation interior lasers from Topcon, the RL-VH3 series. This is the second generation to feature Topcon's exclusive ultra-visible Green Beam® (RL-VH3G). It quadruples beam brightness so you'll never lose the beam, even in direct sunlight. The RL-VH3 series is equipped with many "Smart" features, improved battery life, excellent spot quality, and a full function optional remote, the RL-VH3 series is the only choice. It's the one-man layout tool you'll have to see to believe!



Level Floors to Ceilings and Everything in Between

For horizontal levelling and alignment, Topcon's unique scanning technology increases levelling production on ceiling grids, soffit elevations, and raised access flooring. The RL-VH3 greatly simplifies any job requiring a horizontal reference level or slope.

Finish Walls Faster and Better

Set-up any RL-VH3 on its side (all have a built-in floor mount) to manage vertical layout and alignment. The unique automatic plumb beam instantly establishes initial layout points and the laser's rotation transfers these points to any surface on the job to position studs, drop walls, or bulkheads. With the 90° beam emitted from the top and bottom of the RL-VH3 you can speed the pace of any 90° layout or alignment job, quickly establishing corners and Tee's.

Simply smarter...

Only Topcon gives you these "world's first" features to make your work easier and more productive than ever.



SmartScan™

A rotating laser beam is great, but when you need a concentrated laser line, Topcon's SmartScan lets you draw a line of focused laser light on any surface, to any length you need. And it stays there as long as you need. All done automatically from the target.



SmartLine™

Aligning the beam for vertical operation is, you guessed it, automatic. Simply place the target at your farthest control point and let the laser do the rest. The beam automatically centers on the target. You get one person alignment at record breaking speed.



SmartSlope

Raking-in a beam to match a slope has always been hard, usually requiring two people and a lot of guess work. Not anymore. Just like SmartLine, put the target at the right elevation and the beam automatically drives to it and stays there. And it works for either compound or single slopes. One person. Accurate. Easy.



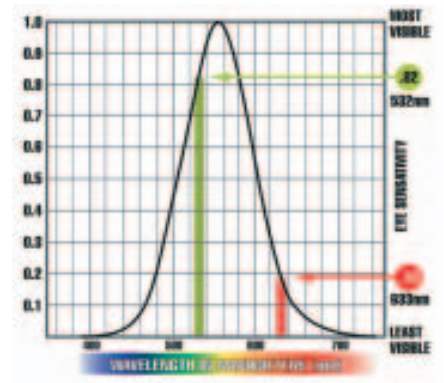
SmartPlumb

Vertical setups are fast and accurate because the beam automatically gives you a plumb point directly below the aperture. Just press the SmartPlumb button and the beam plumbs down. You get the perfect setup point, plus a scan line for roughing in. It's great for tripod setups.

Why Green?

It's brighter. Up to four times brighter than conventional beams. You can see the green beam anywhere under any conditions. Set the laser up for best coverage every time, no need to worry

about windows or other lighted areas. You're using the beam instead of losing it, so the job gets done faster. Isn't that why you buy a laser in the first place?



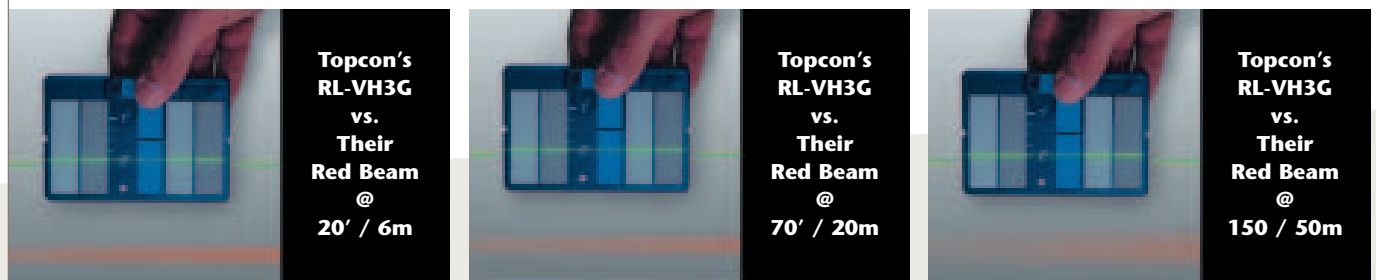
Focusing on Visibility

Whether green or red, the more tightly focused the beam, the brighter.

The RL-VH3A & G are the world's only lasers to focus automatically on the target, no matter where you are on the job.

Because conventional beams focus at just one distance, the beam width varies from one work area to the next.

With SmartFocus, you can count on the tightest and brightest possible line of laser light where you need, automatically.



Simultaneous 90° beam for plumb and layout

Rugged, sealed design protects the unit from dust and moisture

Simple push button slope control to keep the job moving

Variable rotation speeds from 0 to 300

Horizontal and vertical SmartPlumb control

SmartPlumb™ Automatic Plummet Beam



Floor Mount provides fast setup over a point and includes tripod mount

Electronic self-levelling mechanism provides fast setups and the world's most reliable and stable leveling

Compact in design with integrated handle and weighing only 6.4 lbs (2.9kg), the RL-VH3G is truly portable and easy to set-up

RC-30 Optional Remote

The optional RC-30 radio remote handles all of the functions of the RL-VH3 series lasers. It features an operational range of $\pm 100\text{m}$, two-way laser communication, uses selectable transmission frequencies, and the ability to pinpoint focus the beam on any surface.

The RL-VH3 is the completely "hands-free" laser, but if you need a remote the RC-30 is your answer.





Wide Array of Power Choices

- Rechargeable Ni-H battery pack
- 4 Alkaline Batteries
- 230 AC/12vDC Operation
- 40 hr alk / 30 hr Ni-H operation

- Recharge during AC or 12vDC operation

RL-VH3 Series Standard Package

- Rechargeable Ni-H Battery Pack
- 2 Magnetic Ceiling Targets
- Floor Mount
- Hard Shell Carry Case
- SmartLine Target

Optional

- Adjustable wallmount (A&G)
- Standard wallmount (B model)

Topcon has the industry's most complete line of interior lasers including the NEW low-cost interior laser with high-end

features, the RL-VH3C. Each has unique technologies to make your jobs easier, faster and more profitable.

Great mix of price and performance RL-VH3A and RL-VH3B

Priced for value, the RL VH3A is a red beam laser that offers all of Topcon's "smart" interior laser technologies like SmartScan, SmartFocus, SmartLine and SmartSlope. The RL-VH3B is the choice among contractors looking for a high performance laser at a great price. Featuring Topcon's high precision levelling system, unique scanning technology, selectable rotating speeds, and slope match.

SPECIFICATIONS

	RL-VH3G	RL-VH3A	RL-VH3B
Beam Type	532nm Green Laser	635nm Red Laser	635nm Red Laser
SmartFocus™	Yes	Yes	No
SmartScan™	Yes	Yes	Yes
SmartLine™	Yes	Yes	Yes
SmartPlumb™	Yes	Yes	Yes
Vertical Beam	Yes (up and down)	Yes (up and down)	Yes (up only)
Vertical Accuracy	±15"	±15"	±15"
Horizontal Accuracy	±10"	±10"	±10"
Rotating Speed (RPM)	30 to 300 Selectable	30 to 600 Selectable	30 to 600 Selectable
Self-Levelling Range	±5°	±5°	±5°
Operating Range	100m (330') Diameter	100m (330') Diameter	100m (330') Diameter
Power Sources			
Batteries	Rechargeable/Alkaline	Rechargeable/Alkaline	Rechargeable/Alkaline
External	AC/12vDC	AC/12vDC	AC/12vDC
Operating Temperature	-4 to 122°F (-20° to 50°C)	-4 to 122°F (-20° to 50°C)	-4 to 122°F (-20° to 50°C)
Laser Classification	Less than 5mw/Class IIIa	Less than 5mw/Class IIIa	Less than 5mw/Class IIIa
Water/Dust Proof	Yes	Yes	Yes
Field Calibration	Yes	Yes	Yes
Dimensions	214 x 123 x 259.5 mm (8.4" x 6.6" x 10.2")	214 x 123 x 259.5 mm (8.4" x 6.6" x 10.2")	193.5 x 123 x 259.5 mm (7.6" x 6.6" x 10.2")
Standard Warranty	2 Years	2 Years	2 Years
RC-30 Remote	Optional	Optional	Optional

Designs and specifications here in are subject to change without prior notice. In order to obtain the best results with this instrument, please be sure to review all user instructions prior to operation.



TOPCON EUROPE B.V.

Essebaan 11
2908 LJ Capelle a/d IJssel
The Netherlands

Phone: 31-(0)10 - 458 50 77
Fax: 31-(0)10 - 458 50 45
E-mail: laser@topcon.nl
http: //www.topconeurope.com

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Your Topcon Partner



Certificatie No. 03682548
TOPCON EUROPE B.V.
Capelle a/d IJssel, The Netherlands