



RL-VH3D

ROTATING LASER

High-end features, high productivity, low cost

The RL-VH3D produces professional results from the smallest to largest job.

More features, lower features

Self-Leveling

Completely self-leveling horizontal, vertical and plumb! No bubble vial or thumb-screw.



Just push the power buttons and within seconds you're working.

- Fast, accurate leveling motors get you to work fast.
- Cross axis self-leveling provides out-of-level protection when you match the beam to an existing single slope. Perfect remodeling job!

Horizontal/Vertical Operation

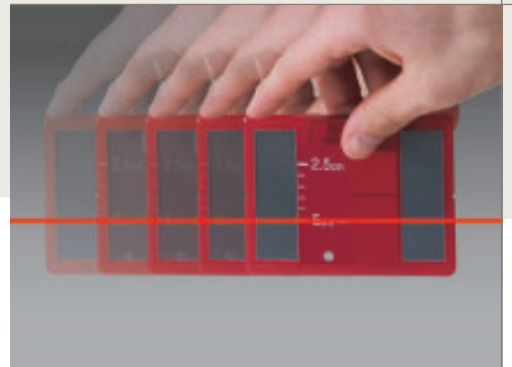
Raised floors, suspended ceilings, even wall alignment. Vertical and horizontal operation makes it the choice for all of your jobs.

- 90° split beams
- Integrated, adjustable feet for fast, vertical setup without additional hardware
- Adjustable wall mount for fast, easy ceiling grid work.

Scanning Plus

With Topcon's Scanning Plus technology, the RL-VH3D puts you in complete control of the beam. Using the scan target, you can place a bright, clear line of laser light right where you need it. By moving the target you can extend the length of the scan line to cover a larger area. Remove the target and beam goes back the normal rotation.

It's simple, and only Topcon has it!



Power Options

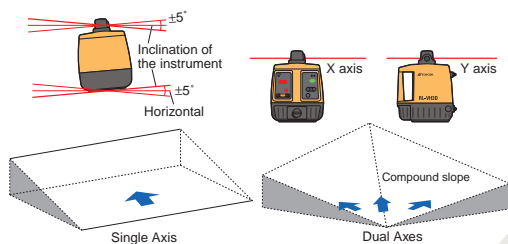
No matter how you work, or how long you work, the RL-VH3D will work as hard as you do.



Standard Accessory

Optional Accessory

Optional Accessory



Slope Capable

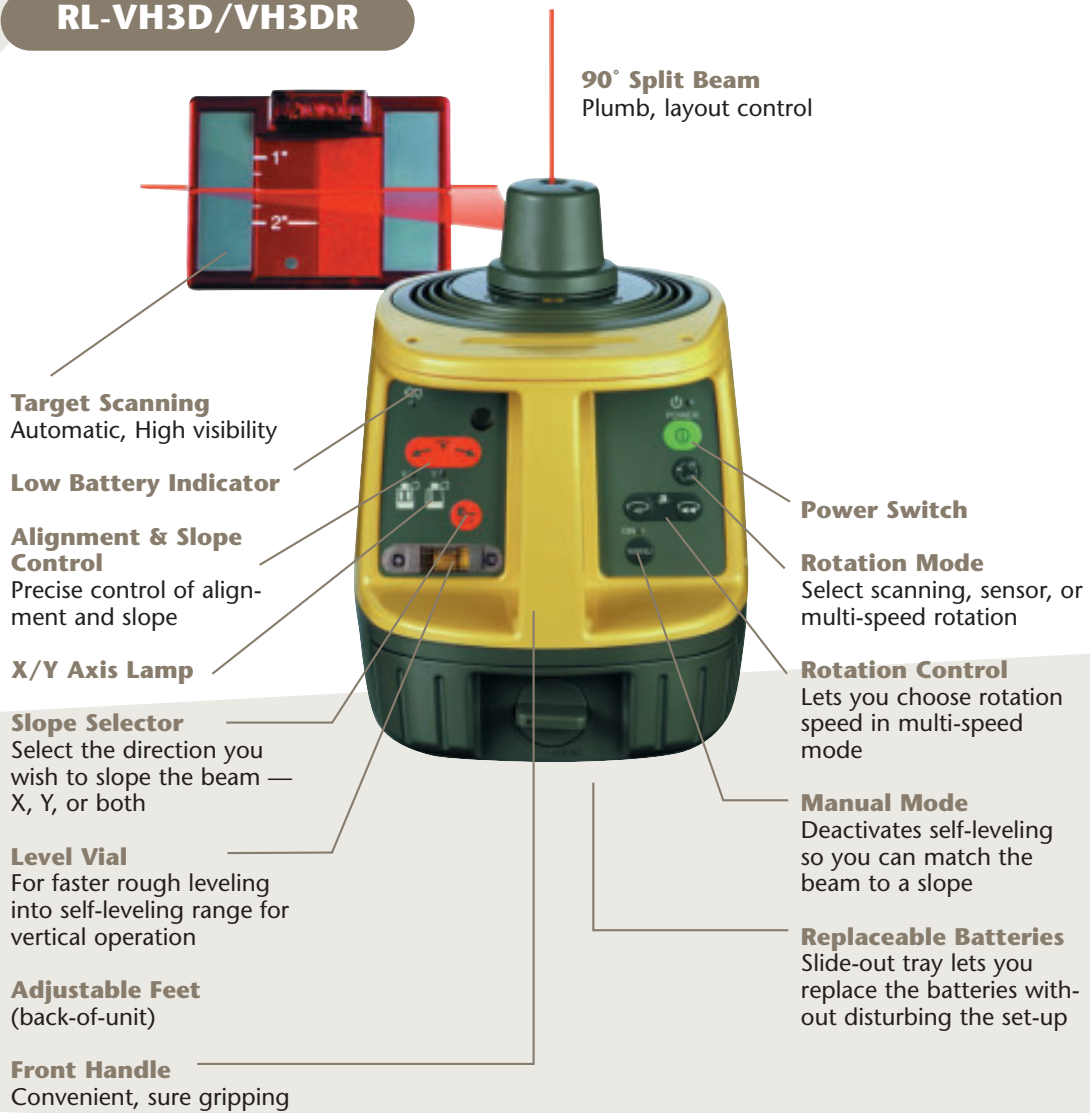
The laser beam can be manually sloped in either the X or Y axis (single slope) or both axes (compound slope). Slopes up to 5 degrees can be obtained if the instrument is set up on a level surface. For slopes greater than 5 degrees, the instrument must be manually positioned to within 5 degrees of the slope desired.

RC-30 Optional Remote Control

(applicable only for the model, which has built-in receiver). The optional RC-30 radio remote handles all of the functions of the RL-VH3 series lasers. It features an operational range of 90m (maximum) and selectable frequency so you don't accidentally change another RL-VH3 operating in the vicinity. The RL-VH3 is the completely "hands-free" laser, but if you need a remote the RC-30 is your answer.



RL-VH3D/VH3DR



Standard package



	RL-VH3D	RL-VH3D w/RC-30
• Body	1 pc.	1 pc.
• Target Plate	1 pc.	1 pc.
• Remote Controller RC-30	-	1 pc.
• Size D Dry Battery	4 pcs.	4 pcs.
• Dry Battery Holder DB-58	1 pc.	1 pc.
• Instruction Manual	1 pc.	1 pc.
• Carrying Case	1 pc.	1 pc.

Optional accessories



Rechargeable Battery
BT-49Q/ DB-49C



AC/DC Converter



Wall Mount 1CA



Laser Sensor
Holder-6



Laser Sensor
LS-70A/70B/70C

SPECIFICATIONS

MODEL NAME	RL-VH3D	RL-VH3D W/RC-30
Accuracy (V/H)	±20"/±20"	
Self-leveling Range	±5°	
Wave Length	635nm	
Objective Power	Less than 1mW	
Light Source	L.D. (visible laser)	
Laser Class	Class II	
Diameter of Beam Spot	ø 5.3	
Measuring Range (diameter)	60m (Scanning) 300m (LS-70)	
Upper Beam	Yes	
Scanning Plus	Yes	
Stop Mode	Yes (by manual)	
Variable Rotating Speed	10 ~ 290 rpm	
LS Mode	300 rpm	
Operating Time at +20°C alkaline	120h	90h
Waterproof	IP52	
Ambient Temperature Range	-20°C ~ +50°C	
Remote Control Capability	No	Yes
Dimensions	182(L)(167(W)(229(H)mm	
Weight	1.9kg(wo/dry batt.) 2.5kg(w/dry batt.)	

70 Years of experience

For 70 years, Topcon has been a leading manufacturer in industrial, medical and positioning enhancement tools. This broad experience has created a basis for Topcon's wide product line for basically every positioning need, whether it's for construction or surveying applications. For the construction industry, Topcon offers a complete range of innovative laser and sonic solutions, including industry leading products for interior, utility, general construction and machine control applications. For surveying applications, Topcon manufactures and supplies a complete range of optical measuring products, from digital and optical levels to theodolites and robotic total stations, and a full line of GPS+ satellite positioning solutions.

Product & Service support

To assure that your Topcon product maintains peak performance, your local Topcon dealer offers factory trained certified service technicians. And just in case service assistance isn't available in your area, our Europe wide network of Topcon offices, offer repair and return service policies second to none.

Innovation, not imitation

During the last decades, TOPCON has brought many innovative solutions to the industry, that offer the contractor significant productivity increase and greater ease of use. That's the key to leadership, and the reason Topcon is the world's leading supplier of laser and surveying instruments. Some examples of unique TOPCON technologies:

- Waterproof auto level
- The integrated total station, "The Guppy"
- The compact coaxial total station (GTS-1)
- World's First laser with beam scanning technology
- The first waterproof total station
- GreenBeam® visible construction lasers
- Automatic excavator control system
- World's First 3-D machine control (3D- MC™ LPS)
- 5" Grade laser with automatic alignment & remote control
- Horizontal self leveling laser with liquid compensator
- First robotic total station with instant beam lock system (GTS-800A and RC-2)
- First satellite-directed automatic 3D machine control system (3D-MC™ GPS)



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