

RL-VH3D



## HIGH-VALUE, LOW-COST INTERIOR LASER



**Full featured, professional grade, self-leveling, vertical/horizontal interior laser at an amazingly affordable price:**



- WORLD'S FIRST SMARTSCAN® BEAM CONTROL WITH LINE DRAWING
- FAST SELF-LEVELING IN VERTICAL AND HORIZONTAL
- OPTIMALLY FOCUSED BEAM WITH EXCELLENT SPOT CLARITY
- DUAL SPLIT BEAM FOR PERFECT 90° LAYOUTS
- SLOPE MATCHING WITH CROSS-AXIS LEVELING
- OPTIONAL REMOTE OPERATION (STANDARD ON RL-VH3DR)

Patents Issued: 5926305, 5636018, 5517023, 6248989

# It's time.

When you're looking for a value-priced interior laser, you want to get the most for your money. Look no further, the **RL-VH3D Series** is your answer! It's incredibly affordable and offers the high-end features you won't find in other value priced lasers.

**RL-VH3D** and **RL-VH3DR** self-leveling and slope capabilities let you shave valuable minutes off of setup without compromising accuracy. Just push the power button and the fast, accurate leveling motors put you to work in seconds. You can even choose cross-axis self-leveling to match slopes of up to  $\pm 5^\circ$ .

Of course with Topcon you always get more, and the RL-VH3D Series is no exception. Built for more than just ceiling grid, both RL-VH3D models feature integrated adjustable feet for vertical applications. A 90° split beam ensures precise placement of corners and tees, and the vertical alignment target assures accurate placement and set-up of wall track and vertical stud placement.

There are two RL-VH3D models to choose from. They both feature patented scanning, line drawing, slope matching and vertical plumb beam. In addition, the RL-VH3DR features a high-power beam for greater visibility at greater distances and Topcon's full function RC-30 radio remote control is part of the standard package.

Take the opportunity to see a live demonstration of the RL-VH3D and the RL-VH3DR before you buy your next interior laser. We'll change your whole perception of what a low-end interior laser should be. It's time.



**RL-HV3D SERIES**  
High-Value, Low-Cost Interior Laser



## The RL-VH3D Series: High-end features for a low-end price, only Topcon gives you this much interior laser for the money. It's about Time. And it's only from Topcon...



### SmartScan

Put the beam right where you need it, for as long as you need it. Topcon's SmartScan lets you draw a line of laser light on any surface, to any length, horizontal or vertical. It's automatic. Just use the included target.



### Fast horizontal/vertical self-leveling

No thumb screws, no delicate pendulums, just fast leveling you can count on. Push the power button and get to work. Durable and precise, Topcon's electronic leveling is the fastest in the industry and provides reliable, accurate leveling job after job.



### Split beams for effortless horizontal and vertical layout

Ceiling grids to raise floors, corners to tees, the RL-VH3D Series will make alignment and layout a snap. Use the included wall mount to set-up on an "L" bracket and ceiling grid is a snap. Place the RL-VH3D Series over a control point for perfectly vertical walls and 90° corners.



### Power Options

No matter how hard or long you work, the RL-VH3D/DR is ready...

- 120 hours from 4 D-size alkalines (90 hours for RL-VH3DR w/RC-30 remote)
- Quick access battery tray—change batteries quickly without disturbing the laser
- Optional rechargeable battery system

### Slope matching

Matching slopes in remodeling projects is easy. Simply select the direction of slope and push the button. Electronic control up to a full  $\pm 5^\circ$ . Or use the manual leveling control to set-up for steep slopes.



# The self-leveling, slope matching, remote control interior laser that fits every budget. Versatile and feature packed!

Flex-seal allows  $\pm 5^\circ$  slope matching while keeping the leveling mechanism free from dust and debris

Bright Low battery LED indicates when it's time to change the battery, at a glance

Slope matching controls

HI alert, manual leveling button. With HI on (LED off), the RL-VH3D Series stop spinning if the laser is bumped or moved

Level vial for visual confirmation of level

Bright LED's verify operation from a distance

Beam rotation speed control

Remote, scanning, beam stop mode button

Sealed battery door and compartment opens and closes easily for quick battery changes without disturbing the laser

## Power Options



**57026 BT-49Q Rechargeable Battery**

**57025 DB-49C Rechargeable Battery Door**

**56999 AD-9B Adapter (Charger)**

## Accessories



**57085 LS-70C Sensor w/ Holder 6**

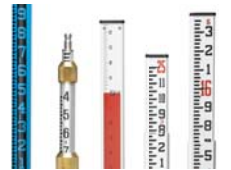
Use your RL-VH3D for grade checking



### Tripods

Topcon offers a full line.

Contact your local Topcon Dealer for more info



### Grade rods

Topcon offers a full line.

Contact your local Topcon Dealer for more info

## RC-30 optional remote – hands-free simplicity

Control every function of the RL-VH3DR from up to 295' away. The RC-30 features selectable frequencies so you can use more than one RL-VH3DR in the area without interruption. A red LED indicates that the RC-30 is sending radio signals, and three "AA" alkaline batteries provide up to 120 hours of continuous use.



## RL-VH3D Series Packages include:

RL-VH3D Laser	
56118	Small Bullseye Scanning Target (Qty. 2)
57024	RC-30 Remote Control (RL-VH3DR only)
57020	Wall Mount 1C for RL-VH3 Series
57082	DB-58 for RL-VH3D
3060-0100	'D' Size Alkaline Battery (Qty. 4)
7010-0193	Caution Sticker
7010-0194	Laser Operator Card
7010-0386	Warranty Card
31335-90030	Manual, RL-VH3D/DR
31335-91000	Carrying Case



## The Leader in Positioning Technology...

Topcon offers positioning products that deliver unparalleled site-wide performance and integration. Topcon's history of technological advances and our reputation for superior reliability means there's no other company positioned to provide you with a better "Total Positioning Solution."

From survey to inspection Topcon, through our 170+ dealers throughout North and South America, provides the innovative technology that gives surveyors, civil engineers, contractors, equipment owners, and operators the competitive edge by addressing such critical issues as increasing profits, quality craftsmanship, improving productivity, lower operating costs, and enhancing job site safety.

Full positioning integration field-to-finish: That's the goal of Topcon. When it's time for you to step up to the next level, it's time to turn to Topcon.

## The Leader in Customer Satisfaction...

To ensure that your Topcon laser maintains peak performance, your local Topcon dealer offers factory trained and certified service technicians. If service isn't available in your area, our factory offers a repair and return policy second to none.

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Specifications subject to change without notice

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## Specifications

LASER	RL-VH3D	RL-VH3DR
Accuracy (V/H)	±20"/±20"	±20"/±20"
Self-leveling Range	±5°	±5°
Wave Length	633nm	633nm
Objective Power	Less than 1mW	Less than 5mW
Light Source	L.D. (visible laser)	L.D. (visible laser)
Laser Class	Class II	Class IIIa
Diameter of Beam Spot	ø5.3mm	ø5.3mm
Measuring Range (dia):	200" (60m) for Scanning/1,000" (300m) w/LS-70	
Upper Beam	Yes	Yes
Scanning Plus	Yes	Yes
Stop Mode	Yes (by manual)	Yes (by manual)
Variable Rotating Speed	0 ~ 300 rpm	0 ~ 300 rpm
LS Mode	300 rpm	300 rpm
Operating Time (by alkaline manganese dry battery at +20°C)	120h	90h
Waterproof	IP52	IP52
Ambient Temp Range	-4°F ~ 122°F (-20°C ~ +50°C)	-4°F ~ 122°F (-20°C ~ +50°C)
Remote Control Capability	No	Yes
Dimensions	7.1(L)x6.6(W)x9.2(H) 182(L)x167(W)x229(H)mm	7.1(L)x6.6(W)x9.2(H) 182(L)x167(W)x229(H)mm
Weight	4.2lbs (1.9kg) wo/dry batt. 5.6lbs (2.5kg) w/dry batt.	4.2lbs (1.9kg) wo/dry batt. 5.6lbs (2.5kg) w/dry batt.

### LASER RECEIVER

### LS70B

Grade Information Channels	11 (+high/low out of range)
On-Grade Precision	High precision: ±1mm (±0.04") Normal precision: ±2mm (±0.08")
Audible On-Grade Alarm	Yes
Power	9Vdc Alkaline
Battery Life	Approx. 80 hrs
Auto Shut-Off	After 30 minutes w/o beam detection

## Other Topcon Laser Solutions:

### World Class Interior Lasers

Topcon's RL-VH3 Series features Topcon's exclusive ultra-visible GreenBeam® technology. The RL-VH3 Series is the ultimate choice for large commercial interior layouts. Includes Topcon's patented SmartScan®, SmartLine, SmartSlope™ and SmartPlumb®

**RL-VH3G:** GreenBeam® quadruples beam brightness over other red beams so you never lose the beam, even in direct sunlight.

**RL-VH3A:** All of the features of the RL-VH3G in a red beam laser.

**RL-VH3B:** This entry level VH3 model features SmartScan® and SmartSlope

### General Construction Lasers:

The RL-H3C Series of infra-red construction lasers is a Topcon best value, with a host of World-Leading features at unbeatable prices. They're the perfect general construction laser for any contractor's needs.

**RL-H3C:** fully automatic self-leveling with 500' (150m) operating radius

**RL-H3CL:** fully automatic self-leveling with long-range 820' (250m) radius

**RL-H3CS:** fully automatic self-leveling, slope match capability with 500' (150m) operating radius



Your local Authorized Topcon dealer is: