

The functions of the rotation lasers

**One construction concept – three versions.** The rotation lasers from Bosch excel due to their easy handling, precision and robustness. The GRL 300 HV Professional is the easy-to-operate 1-man solution for all indoor applications. The GRL 300 HVG Professional with green laser diode stands for optimum visibility and precision in indoor areas. The GRL 400 H Professional is very robust due to its glass enclosed rotary head and it is particularly suitable for outdoor use due to its long range.



Range of up to 200 m with the LR 1 Professional Receiver and 150 m with the LR 1G Professional Receiver

2 ergonomic handles: easy to mount on a tripod

Remains fully functional even after being dropped from a height of 1 m

Dust and splash protection (IP54 / IP65)



Protection for the rotary head: Aluminium (GRL 300 HV Professional, GRL 300 HVG Professional) or Aluminium/Glass (GRL 400 H Professional)

Self-explanatory keypad with large buttons

Can be operated with rechargeable batteries, non-rechargeable batteries or mains power

Rotation lasers at a glance

	Indoors	Outdoors	Horizontal	Vertical	Dust and splash protection	Laser class	Accuracy
GRL 400 H Professional	●	●	●	—	IP65	2	± 0.08 mm/m
GRL 300 HVG Professional	●	●	●	●	IP54	3R	± 0.1 mm/m
GRL 300 HV Professional	●	●	●	●	IP54	3R	± 0.1 mm/m

Accessories

		GRL 400 H Professional	GRL 300 HVG Professional	GRL 300 HV Professional
Receiver LR 1 Professional (red) 0 601 015 400		●	—	●
Receiver LR 1G Professional (green) 0 601 069 700		—	●	—
Bracket for LR 1/LR 1G Professional 1 608 M00 05A		●	●	●
Remote Control RC 1 Professional 0 601 069 900		—	●	●
Wall Mount WM 4 Professional 0 601 092 400		—	●	●
Cut & Fill Rod GR 240 Professional 0 601 094 100		●	●	●
Building Tripod BT 170 HD Professional 0 601 091 300		●	●	●
Elevator Tripod BT 300 HD Professional 0 601 091 400		●	●	●
Rechargeable battery pack, charger with adapter 1 608 M00 05G, 1 608 M00 05E		●	●	●
Battery compartment for alkaline batteries 1 608 M00 05D		●	●	●
Laser viewing glasses (red) 1 608 M00 05B		●	—	●
Laser viewing glasses (green) 1 608 M00 05J		—	●	—
Laser target (red) 1 608 M00 05C		●	—	●
Laser target (blue) 1 608 M00 05K		—	●	—
Carrying case 1 608 M00 05F		●	●	●

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The new rotation lasers from Bosch  
Easy, precise and robust



\*For all professional blue power tools when registered within 4 weeks of purchase at [www.bosch-professional.com/warranty](http://www.bosch-professional.com/warranty)

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**BOSCH**  
Invented for life

**NEW! GRL 400 H Professional, GRL 300 HVG Professional and GRL 300 HV Professional**  
Outdoor and indoor applications for professionals from professionals



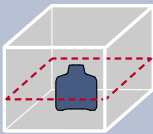
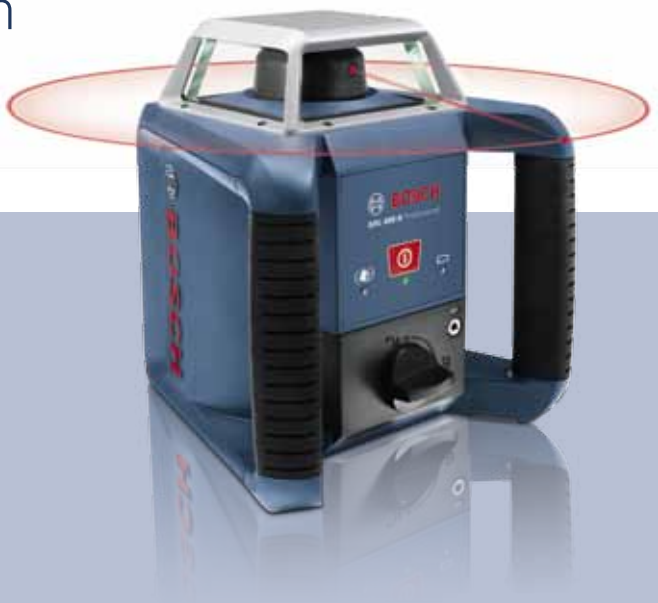
**BOSCH**  
Invented for life



GRL 400 H Professional

The easy-to-operate rotation laser for outdoor use

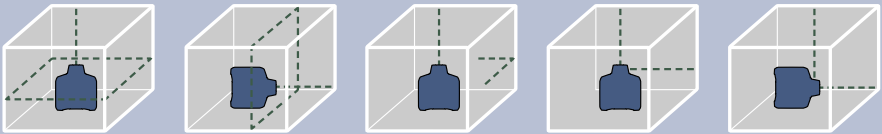
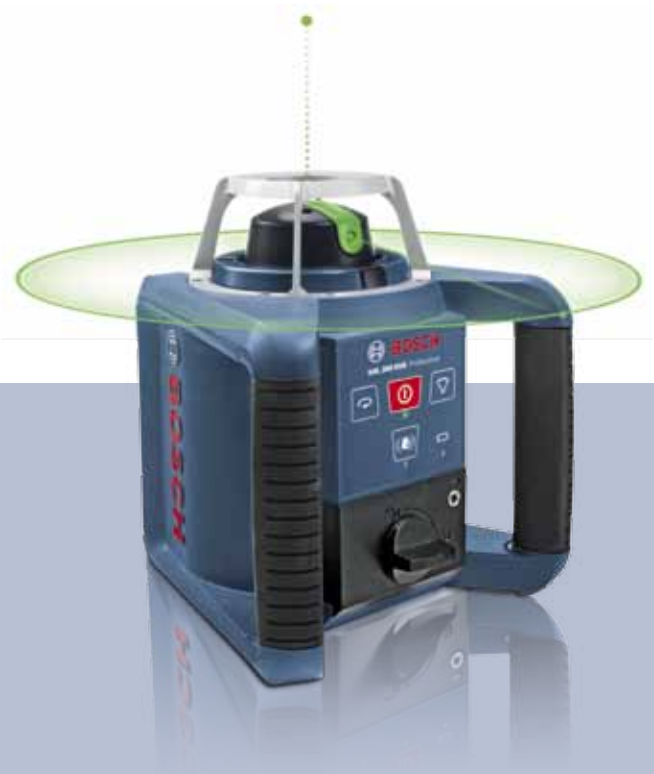
- Easy handling: single-button function
- Self-levelling of 8% (± 5°) in the horizontal mode
- Automatic shock warning function prevents levelling errors in the event of vibrations or shocks



GRL 300 HVG Professional

Outstanding visibility for indoor applications

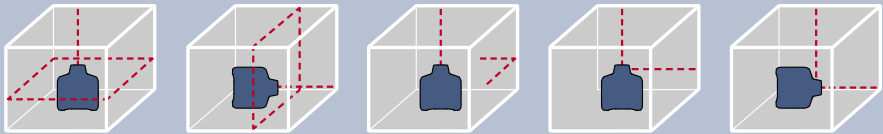
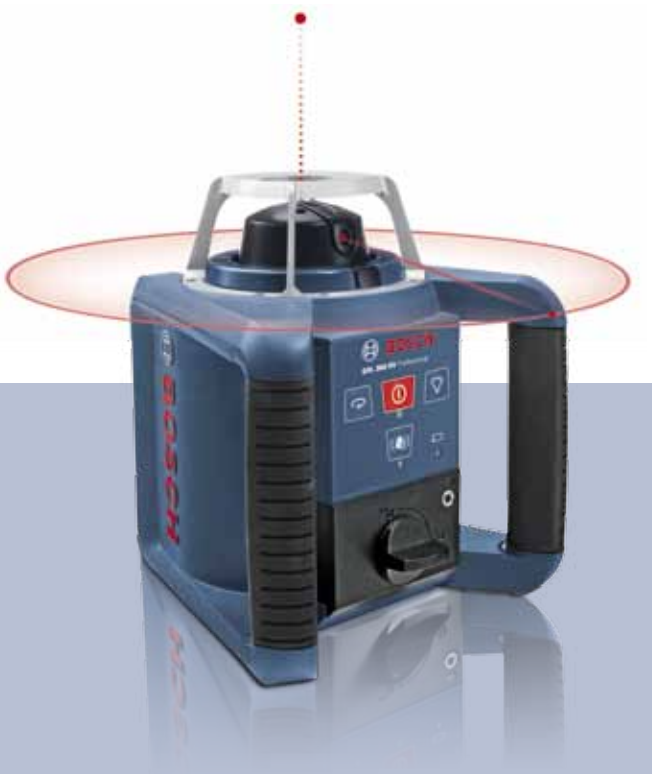
- Green laser line: up to four times better visibility than a red laser line
- Easy to set up in both the horizontal and vertical modes due to automatic self-levelling of 8% (± 5°)
- The shock warning function, which can be switched on and off, prevents levelling errors in the event of shocks or vibrations



GRL 300 HV Professional

Easy handling with horizontal and vertical self-levelling

- Easy to operate thanks to one button per function, and self-explanatory display
- Easy to set up in both the horizontal and vertical modes due to automatic self-levelling of 8% (± 5°)
- The shock warning function, which can be switched on and off, prevents levelling errors in the event of shocks or vibrations



Precision even over long distances

The GRL 400 H Professional can be used up to a diameter of 400 m with a receiver, and this with a precision of 0.08 mm/m. For use in civil engineering and landscaping.



Tested by professionals:

“The better visibility of the green laser beam is amazing, especially over long distances, in bright environments or on dark measuring surfaces.”



Applications:

The GRL 300 HV Professional is ideal for indoor applications such as fitting suspended ceilings, building partition walls, or installation work.

GRL 400 H Set Professional

Part number	0 601 061 800
Comes complete with	LR 1 Professional Receiver, rechargeable battery (NiMH), non-rechargeable battery housing, 2 x 1.5 V alkaline (D) batteries, 1 x 9 V 6LR61 battery, laser glasses, target, carrying case
Laser class	2
Working range Ø with receiver	400 m
Accuracy	0.08 mm/m
Self-levelling range	± 5°
Rotation speed	600 rpm
Scan function	–
Point function	–
Dust and splash protection	IP56
Operating time, max.	Rechargeable battery (NiMH) 30 h; Alkaline 50 h
Dimensions (L/W/H)	183 x 170 x 188 mm
Weight	1.8 kg



GRL 300 HVG Set Professional

Part number	0 601 061 701
Comes complete with	LR 1G Professional Receiver, RC 1 Professional Remote Control, WM 4 Professional Wall Mount, rechargeable battery (NiMH), non-rechargeable battery housing, 2 x 1.5 V alkaline (D) batteries, 1 x 9 V 6LR61 battery, 1 x 1.5 V alkaline (AA) battery, laser glasses, target, carrying case
Laser class	3R
Working range Ø with receiver	300 m
Accuracy	± 0.1 mm/m
Self-levelling range	± 5°
Rotation speed	150, 300, 600 rpm
Scan function	10°, 25°, 50°
Point function	0°
Dust and splash protection	IP54
Operating time, max.	Rechargeable battery (NiMH) 20 h; Alkaline 30 h
Dimensions (L/W/H)	190 x 180 x 170 mm
Weight	1.8 kg



GRL 300 HV Set Professional

Part number	0 601 061 501
Comes complete with	LR 1 Professional Receiver, RC 1 Professional Remote Control, WM 4 Professional Wall Mount, rechargeable battery (NiMH), non-rechargeable battery housing, 2 x 1.5 V alkaline (D) batteries, 1 x 9 V 6LR61 battery, 1 x 1.5 V alkaline (AA) battery, laser glasses, target, carrying case
Laser class	3R
Working range Ø with receiver	300 m
Accuracy	± 0.1 mm/m
Self-levelling range	± 5°
Rotation speed	150, 300, 600 rpm
Scan function	10°, 25°, 50°
Point function	0°
Dust and splash protection	IP54
Operating time, max.	Rechargeable battery (NiMH) 30 h; Alkaline 50 h
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