



# MEASURING AND LAYOUT TOOLS







# YOUR JOB JUST GOT A LOT EASIER

LEGENDARY PRECISION  
UNPARALLELED PERFORMANCE

Since introducing its first measuring tool in 2008, Bosch has become a worldwide leader in measuring and leveling technology through persistent innovation and advanced engineering.

If you need to do any of these tasks:

- ▶ Calculate area or volume, measure distance or determine angle
- ▶ Scan a wall to detect wood, metal, live wiring or plastic pipe
- ▶ Level, align, plumb or set right angles to lay out a job
- ▶ Level interior floors, exterior surfaces or concrete

Bosch has the right tool for the job.

## AN EXTENSIVE LINE OF MEASURING AND LEVELING TOOLS:

- ▶ Laser measures
- ▶ Digital levels
- ▶ Digital angle finders
- ▶ Wall and floor scanners
- ▶ Self-leveling line lasers
- ▶ Surface lasers
- ▶ Point alignment lasers
- ▶ Self-leveling rotary lasers
- ▶ Automatic optical levels
- ▶ Measuring tool accessories
  - Laser receivers
  - Aluminum tripods
  - Aluminum telescoping tripods
  - Telescoping pole systems
  - Wall-mount and positioning devices
  - Remote controls, targets and glasses

It's time to put your plumb bob in the box next to that old slide rule. With Bosch measuring and leveling technology, users are able to become more productive and more profitable—with greater accuracy and precision on the jobsite.

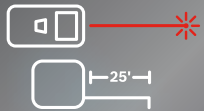
Bosch measuring tools: work smarter, not harder.



# MEASURE ON

REACH FARTHER  
WORK FASTER  
STAY ACCURATE

# BLAZE



## EXTEND YOUR REACH

No help needed to go where your tape can't.



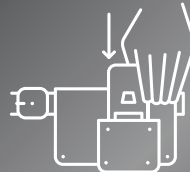
## EASY AS TAPE

Turn on and start measuring; it's that simple.



## ACCURATE LIKE YOU

Gives you the ultimate precision you demand.



## MADE TO CARRY

Sized to always be within reach, in your pocket or tool belt.



# BOSCH

Invented for life
















# LASER MEASURES



## FAST, ONE-PERSON OPERATION

Don't fumble around with a tape measure when one click of a button can do the job with speed and precision.

### MEASUREMENT MODE COMPARISON CHART

	GLM 20	GLM 35	GLM 40	GLM 50 C	GLM 80	GLM 100 C	GLR 825
<b>Range</b>	65 ft.	120 ft.	135 ft.	165 ft.	265 ft.	330 ft.	825 ft.
<b>Accuracy</b>	±1/8"	±1/16"	±1/16"	±1/16"	±1/16"	±1/16"	±1/25"
 <b>Length</b>	●	●	●	●	●	●	●
 <b>Real-Time Distance</b>	●	●	●	●	●	●	●
 <b>Area</b>	–	●	●	●	●	●	●
 <b>Volume</b>	–	●	●	●	●	●	●
 <b>Indirect</b>	–	●	●	●	●	●	●
 <b>Addition/ Subtraction</b>	–	●	●	●	●	●	●
 <b>Memory</b>	–	–	●	●	●	●	●
 <b>Min/Max</b>	–	–	–	●	●	●	●
 <b>Stakeout</b>	–	–	–	●	–	–	●
 <b>Multisurface Area</b>	–	–	–	●	●	●	●
 <b>Digital Level</b>	–	–	–	●	●	●	–
 <b>Backlit Display</b>	●	●	●	●	●	●	●
 <b>Bluetooth®</b>	–	–	–	●	–	●	–





## IDEAL FOR MEASURING:

- ▶ Cabinets
- ▶ Framing
- ▶ Rooms
- ▶ Hallways
- ▶ Windows
- ▶ Tables
- ▶ Doorways
- ▶ Closets
- ▶ Flooring
- ▶ Drywall
- ▶ Lengths of pipe/lumber



Framing



Window Treatments



Cabinet Install



Square Footage

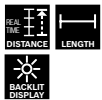




## BLAZE™ 65 FT. LASER MEASURE

### GLM 20

**NEW**



INTERIOR **65 ft**  
20 M

- ▶ Real-Time Measurement Mode— Measurement automatically adjusts closer to or farther from target, just like a tape measure
- ▶ Single-Button Operation— Press button once for real-time measurement mode, press same button again to hold measurement
- ▶ Laser Precision Technology— Measures to within 1/8"

**INCLUDES**  
(2) AAA batteries

Specifications	
<b>Accuracy (up to)</b>	±1/8"
<b>Range (up to)</b>	65 ft.
<b>Laser Diode</b>	Class 2
<b>Illuminated Display</b>	Yes
<b>Battery Type</b>	(2) AAA batteries
<b>Operating Temperature</b>	14° F–104° F (-10° C–40° C)
<b>Dimensions</b>	4.0" × 1.4" × 0.9"
<b>Weight</b>	0.2 lbs.



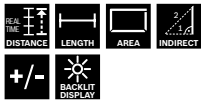


## BLAZE™ 120 FT. LASER MEASURE

### GLM 35

INTERIOR **120 ft**  
35 M

**NEW**



- ▶ Compact Size—Fits in any pocket for easy access
- ▶ Real-Time Measurement Mode—Measurement automatically adjusts closer to or farther from target, just like a tape measure
- ▶ Multiple Features—Distance, area, volume, indirect, add/subtract
- ▶ Extreme Accuracy—Measures to within 1/16"

**INCLUDES**  
(2) AAA batteries

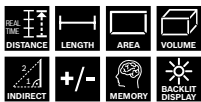
Specifications	
Accuracy (up to)	±1/16"
Range (up to)	6"—120 ft.
Laser Diode	Class 2
Illuminated Display	Yes
Battery Type	(2) AAA batteries
Operating Temperature	14° F–113° F (-10° C–45° C)
Dimensions	4.1" × 1.6" × 0.9"
Weight	0.22 lbs.

## BLAZE™ 135 FT. LASER MEASURE

### GLM 40

INTERIOR **135 ft**  
40 M

**NEW**



- ▶ Compact Size—Fits in any pocket for easy access
- ▶ Real-Time Measurement Mode—Measurement automatically adjusts closer to or farther from target, just like a tape measure
- ▶ Multiple Features—Distance, area, volume, indirect, add/subtract
- ▶ Memory Storage—Up to 10 measurements

**INCLUDES**  
Hand Strap  
Target Cards  
(2) AAA Batteries  
Pouch

Specifications	
Accuracy (up to)	±1/16"
Range (up to)	6"—135 ft.
Laser Diode	Class 2
Illuminated Display	Yes
Battery Type	(2) AAA batteries
Operating Temperature	14° F–113° F (-10° C–45° C)
Dimensions	4.1" × 1.6" × 0.9"
Weight	0.21 lbs.



# BLAZE™ 165 FT. LASER MEASURE

GLM 50 C

# BLAZE

Bluetooth  
SMART

Featuring a color display with large numbers and advanced measuring functions, the GLM 50 C delivers accurate measurements that are instantly transferred to smart devices via free Bosch apps.

**NEW**

**EXTREME ACCURACY**

Measures to within  $\pm 1/16"$

**INCLINOMETER**

Shows the tilt angle, 360° for easy angle and indirect measurements

**BACKLIT COLOR DISPLAY**

Rotates with large numbers for ultimate readability

**FULL FEATURED**

With 11 different measuring functions

**BLUETOOTH® SMART 4.0 TECHNOLOGY**

Connects to free Bosch measuring apps



**DEFAULT REAL-TIME MEASUREMENT MODE**

Automatically adjusts closer to or farther from target, just like a tape measure

**ADD/SUBTRACT MEASUREMENTS**

With plus/minus buttons

**SOFT GRIP AREAS**

For increased ruggedness and durability

**POWER AND CLEAR BUTTON**

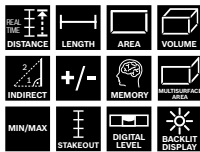
MEASURING AND LAYOUT TOOLS

## BLAZE™ 165 FT. LASER MEASURE

GLM 50 C

INTERIOR **165 ft** <sub>50 M</sub> Bluetooth SMART

**NEW**



- ▶ Measures distance up to 165 ft.; accuracy up to 1/16"
- ▶ Backlit color display
- ▶ Default Real Time—Large, full-screen numbers move in real time as you move closer and farther from target
- ▶ Bluetooth® Wireless Technology—Instantly transfer measurements onto images and manage projects using the free Bosch GLM measure&document app. And map out a floor plan with the GLM floor plan app.

**INCLUDES**  
Hand Strap  
Target Cards  
(2) AAA Batteries  
Pouch

Specifications	
Accuracy (up to)	$\pm 1/16"$
Range (up to)	2"-165 ft.
Laser Diode	Class 2
Illuminated Display	Yes
Battery Type	(2) AAA batteries
Operating Temperature	14° F–113° F (-10° C–45° C)
Dimensions	4.2" x 1.8" x 0.9"
Weight	0.22 lbs.

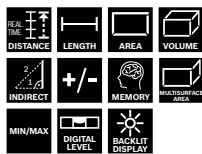
Free Download



**BOSCH**  
Invented for life

## 265 FT. LASER MEASURE

### GLM 80



Built-In Tilt Sensor



INTERIOR **265 ft** LITHIUM-ION  
80 M

- ▶ Measures distance up to 265 ft.; accuracy up to 1/16"
- ▶ Built-In Tilt Sensor—Displays 360° angle measurement
- ▶ Integrated Lithium-Ion Battery—Up to 25,000 measurements per charge
- ▶ Backlit Display with Tilt-Screen Technology—Offers easy viewing in all directions

#### INCLUDES

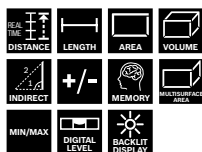
Lithium-Ion Battery  
Charger  
Hand Strap  
Pouch

Specifications	
Accuracy (up to)	±1/16"
Range (up to)	2"—265 ft.
Laser Diode	Class 2
Illuminated Display	Yes
Battery Type	3.7V Li-Ion batteries
Operating Temperature	14° F–122° F (-10° C–50° C)
Dimensions	4.4" × 2.0" × 1.2"
Weight	0.3 lbs.

MEASURING AND LAYOUT TOOLS

## 330 FT. LASER MEASURE

### GLM 100 C



Free Download



INTERIOR **330 ft** Bluetooth® SMART LITHIUM-ION  
100 M

- ▶ Measures distance up to 330 ft.; accuracy up to 1/16"
- ▶ Bluetooth® Wireless Technology—Instantly transfer measurements onto images and manage projects using the free Bosch GLM measure&document app. And map out a floor plan with the Bosch floor plan app.
- ▶ Built-In Tilt Sensor—Displays 360° angle measurement
- ▶ Backlit Display with Tilt-Screen Technology—Offers easy viewing in all directions

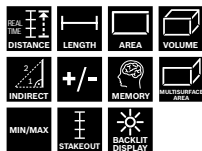
#### INCLUDES

Lithium-Ion Battery  
Charger  
USB Cable  
Hand Strap  
Pouch

Specifications	
Accuracy (up to)	±1/16"
Range (up to)	2"—330 ft.
Laser Diode	Class 2
Illuminated Display	Yes
Battery Type	3.7V Li-Ion batteries
Operating Temperature	14° F–122° F (-10° C–50° C)
Dimensions	4.4" × 2.0" × 1.2"
Weight	0.3 lbs.

## 825 FT. LASER MEASURE

### GLR825



Integrated 1.6× Magnification View Finder



INTERIOR EXTERIOR **825 ft**  
250 M

- ▶ Measures distance up to 825 ft.; accuracy up to 1/25"
- ▶ Integrated 1.6× Magnification View Finder—For long-range measurements
- ▶ Measurement in 11 Modes—Length, area, volume, min./max., real time, single indirect, double indirect, combined indirect length, stake out, trapezoid and multisurface
- ▶ Min./Max. Measurement Mode—For accurate measurement to the shortest/longest distance from a fixed reference point

#### INCLUDES

Hand Strap  
(4) AAA batteries  
Pouch

Specifications	
Accuracy (up to)	±1/25"
Range (up to)	2"—825 ft.
Laser Diode	Class 2
Illuminated Display	Yes
Integrated Viewfinder	Yes
Battery Type	(4) AAA batteries
Operating Temperature	14° F–122° F (-10° C–50° C)
Dimensions	4.7" × 2.6" × 1.5"
Weight	0.5 lbs.





# EFFICIENT PROJECT MANAGEMENT

Transfer measurements seamlessly with Bosch Bluetooth®-Enabled Laser Measures and free GLM measure&document and GLM floor plan apps.



The GLM measure&document app helps organize projects from your smartphone or tablet. Directly transfer measurements onto images, make calculations, store measurements, and share completed projects.



TABLETS ONLY

The GLM floor plan app offers the optimum solution for creating floor plans or updating existing plans. It increases productivity, minimizes measurement errors and reduces the effort required to collect and manage project data.



**GLM FLOOR PLAN APP**  
Draw a new floor plan with ease and transfer measurements directly from the laser measure in real time.

**WORKS WITH**  
▶ GLM 50 C  
▶ GLM 100 C

**GLM MEASURE&DOCUMENT APP**  
Take a picture, then overlay measurements taken from your laser measure: easily, quickly and without transfer error.



Available at Google play and Apple App Store



# DIGITAL MEASURE AND DIGITAL LEVELS



## 265 FT. LASER MEASURE WITH 24" DIGITAL LEVEL ATTACHMENT

### GLM 80 + R 60

INTERIOR EXTERIOR

**265** ft  
80M

**LITHIUM-ION**



- ▶ Measures distance up to 265 ft. with up to 1/16" accuracy
- ▶ Built-In Tilt Sensor—Calculates angle in two axis for more accurate measurements
- ▶ Includes R 60 Digital Level Attachment—Transforms GLM 80 into a 24" digital level for more versatility
- ▶ Backlit Display with Tilt-Screen Technology—Offers easy viewing in all directions

#### INCLUDES

Laser Distance Measure **GLM 80**  
Digital Level Attachment **R 60**  
Lithium-Ion Battery Charger  
Hand Strap  
Belt Pouch

Specifications	
Accuracy (up to)	±1/16"
Range (up to)	2"—265 ft.
Leveling Accuracy (up to)	±0.2°
Leveling Range	0°–360° (4 × 90°)
Laser Diode	Class 2, 630–670 nm
Illuminated Display	Yes
Battery Type	3.7V Li-Ion battery
Operating Temperature	14° F–122° F (-10° C–50° C)
Dimensions	24.0" × 2.3" × 1.4"
Weight	1.0 lb. 10 oz.

## 24" DIGITAL LEVEL ATTACHMENT

### R 60

INTERIOR EXTERIOR



- ▶ Transforms GLM 80 and GLM 100 C laser measure (not included) into a digital level
- ▶ Digital-Level Mode—Once GLM 80 and GLM 100 C are locked into R 60 units, they automatically enter digital-level mode for accurate angle inclination measurements
- ▶ High-Quality Aluminum Construction—For optimal accuracy, including two bubble level vials for additional reference
- ▶ Compatible with GLM 80 and GLM 100 C laser measures

#### INCLUDES

Carry Case

Specifications	
Leveling Accuracy (up to)	±0.2°
Length	24"
Dimensions	24.0" × 2.3" × 1.4"
Weight	1.0 lb. 5 oz.





## 2 FT. DIGITAL LEVEL

### GIM 60



**NEW**

**INTERIOR | EXTERIOR**

- ▶ Precise measurements in degrees, percent or inches/foot
- ▶ Digital Accuracy—At 0° or 90° = ±0.05°, 1° to 89° = ±0.2°
- ▶ Angled, Easy-to-Read Display—Automatically rotates values when working overhead
- ▶ Audible signals and alignment arrows help indicate when target value has been reached
- ▶ IP 54 protection provides a robust housing for protection against dust and water

#### INCLUDES

(4) AA Batteries  
Carry Case

Specifications	
<b>Leveling Accuracy (up to)</b>	±0.05°
<b>Leveling Range</b>	0°–360° (4×90°)
<b>Illuminated Display</b>	Yes
<b>Field Calibration</b>	Yes
<b>Dimensions</b>	24.0" × 1.06" × 2.3"
<b>Weight</b>	1.5 lbs.

## 4 FT. DIGITAL LEVEL

### GIM 120



**NEW**

**INTERIOR | EXTERIOR**

- ▶ Precise measurements in degrees, percent or inches/foot
- ▶ Digital Accuracy—At 0° or 90° = ±0.05°, 1° to 89° = ±0.2°
- ▶ Angled, Easy-to-Read Display—Automatically rotates values when working overhead
- ▶ Audible signals and alignment arrows help indicate when target value has been reached
- ▶ IP 54 protection provides a robust housing for protection against dust and water

#### INCLUDES

(4) AA Batteries  
Carry Case

Specifications	
<b>Leveling Accuracy (up to)</b>	±0.05°
<b>Leveling Range</b>	0°–360° (4×90°)
<b>Illuminated Display</b>	Yes
<b>Field Calibration</b>	Yes
<b>Dimensions</b>	48.0" × 1.06" × 2.3"
<b>Weight</b>	2.9 lbs.



# DIGITAL ANGLE FINDERS



## DIGITAL ANGLE FINDER GAM 220 MF

**NEW**



**INTERIOR**

- ▶ Precision Angle Finder—Measures the exact angle of existing surface within 0.1°; also includes leg extension for confined areas
- ▶ Simple Miter Cut Calculator—Calculates the exact miter angle needed for perfect fit of baseboard, picture frames and more
- ▶ Compound Cut Calculator—Calculates the exact miter and bevel angles needed for a perfect fit of crown moldings and more
- ▶ Versatile Memory—Stores an angle measurement (such as crown molding or spring angle) for repeated use

### INCLUDES

- Leg Extension
- (4) AA Batteries
- Carry Case

Specifications	
Measuring Angle	0°–220°
Angle Accuracy	±0.1°
Leg Length	15-3/4"
Battery Type	(4) AA batteries
Battery Life	80 hours
Dimensions	17.6" x 2.0" x 2.4"
Weight	2.4 lbs.

## DIGITAL ANGLE FINDER AND INCLINOMETER GAM 270 MFL

**NEW**



**INTERIOR EXTERIOR**

- ▶ Precision Angle Finder—Measures the exact angle of existing surface within 0.1°, also includes leg extension for confined areas.
- ▶ Simple/Compound Miter Cut Calculator—Calculates the exact miter and bevel angles needed for perfect fit of baseboard, picture frames, crown moldings and more
- ▶ Inclinometer—Precise measurements in degrees with acoustic signal when level
- ▶ Integrated Laser—Transfers inclination measurement up to 100 ft.

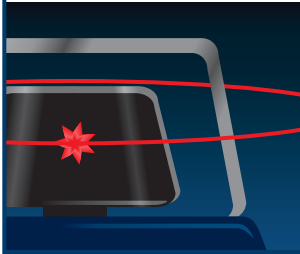
### INCLUDES

- Leg Extension
- (4) AA Batteries
- Carry Case

Specifications	
<b>ANGLE FINDER</b>	
Measuring Angle	0°–270°
Angle Accuracy	±0.1°
Leg Length	24"
<b>INCLINOMETER</b>	
Leveling Range	0°–360° (4 x 90°)
Leveling Accuracy	±0.05°
Audible Signal	Yes
Laser Class & Type	Class 2, 635 nm, <1 mW
<b>GENERAL</b>	
Battery Type	(4) AA batteries
Battery Life	50 hours
Size	26.9" x 2.0" x 2.4"
Weight	3.3 lbs.



# BOSCH



Laser Tools &  
Optical Instruments

## Service Network

REPAIR • CALIBRATION • PARTS & ACCESSORIES

### Authorized Service

# ALWAYS IN ALIGNMENT

Bosch measuring tools are designed for a lifetime of reliable, efficient operation. But the rigors of jobsite conditions and the harsh field environment encountered through everyday use of the product may compromise the precision and accuracy of your Bosch measuring tool over time.

If there's a problem with a Bosch product or you want to check the calibration and accuracy, rely on the service network of Bosch factory and authorized service centers to have the measuring tool back on the jobsite with minimum downtime. Your product will be inspected and diagnosed by factory-trained technicians using the latest equipment and methods. If a repair is warranted, count on factory original parts that will enable the measuring tool to calibrate and function to original factory specifications. Let the pros who know the product best put you back to work faster.

For more information or to find a Bosch Measuring Tool Authorized Service Center, contact Bosch at 877-BOSCH-99 or visit the service locator page at [www.boschtools.com](http://www.boschtools.com).

MEASURING AND LAYOUT TOOLS



**BOSCH**  
Invented for life



# WALL AND FLOOR SCANNERS



Bosch wall and floor scanners make it easy to know what you're up against before starting a job. Accurately detect wood, metal and live wiring\* (up to 6" in cured concrete). An informative graphical display and automatic calibration ensure quick and accurate detection before drilling or cutting.

## QUICK TOOL SELECTION GUIDE

	D-tect 150	D-tect 120	GMS 120
<b>Detects in Concrete</b>	Up to 6" (150mm)	Up to 4-3/4" (120mm)	Up to 4-3/4" (120mm)
<b>Wood Detection</b>	●	●	●
<b>Metal Detection</b>	●	●	●
<b>Live Wiring Detection</b>	●	●	●
<b>Plastic Pipe Detection</b>	●	●	—
<b>Displays Center of Object</b>	●	●	●
<b>Displays Depth of Object</b>	●	—	—
<b>Displays Edge of Object</b>	●	—	—

## WALL/FLOOR SCANNER WITH RADAR

### D-TECT 120

**AC WARNING**  
To avoid drilling into live wires

**CENTER FINDER**  
Direction arrows indicate object's center for precise locating

**EASY USER INTERFACE**  
With three mode buttons



**DETECTION OF ALL MATERIALS INCLUDING WATER-FILLED PLASTIC PIPES**

**SPOT DETECTION**  
Provides immediate results; no back and forth scanning required

**"TRAFFIC LIGHT"**  
LED warning  
▶ Red: Object Detected  
▶ Orange: Object Near  
▶ Green: No Object Found

**COMPACT DESIGN**  
Allows measurement in narrow areas

\*Note: Live wires may not be detected in certain conditions such as metal conduit or behind metalized or conductive surface.

# WALL/FLOOR SCANNER WITH RADAR

## D-TECT 150



- ▶ Bosch Ultra-Wide Band (UWB) Radar Technology—Offers a wide range of detection performance up to 6"
- ▶ Detects Ferrous and Non-Ferrous Metals, Wood, Live Wiring\* and Plastic Pipes—Metal detection in concrete up to 6" deep
- ▶ Seven Detection Modes—Concrete, wet concrete, deep concrete, in-floor heating, drywall, metal and signal view
- ▶ Large Illuminated Display—Displays the depth and location of the object (center, relative width and edge)

**INCLUDES**  
 (4) AA Batteries  
 Carry Bag

Specifications	
<b>Max. Detection Depth—Metal (Ferrous and Non-Ferrous)</b>	Up to 6"
<b>Max. Detection Depth—Electrical Copper Wiring (120V AC, 50/60Hz)</b>	Up to 3-1/8"
<b>Max. Detection Depth—Plastic Pipes (&gt;1") (in Concrete Mode)</b>	Up to 2-3/8"
<b>Max. Detection Depth—Wood Substructures (Studs)</b>	Up to 1-1/2"
<b>Battery Type</b>	(4) AA batteries
<b>Dimensions</b>	4.7" x 8.7" x 3.8"
<b>Weight</b>	1.6 lbs.

# WALL/FLOOR SCANNER WITH RADAR

## D-TECT 120

**NEW**



- ▶ Bosch Ultra-Wide Band (UWB) Radar Technology—Offers a wide range of detection performance up to 4-3/4"
- ▶ Spot Detection—Instantly detects objects when placed on detection surface, no back and forth required
- ▶ Three Modes—Drywall, universal and concrete detects ferrous and non-ferrous metals, wood, live wiring\* and plastic pipes
- ▶ Large Illuminated Display with "Traffic Light"—Makes detection easy to understand: objects are indicated through arrows, center cross-line and color code: Green (nothing detected)/ Orange (something detected)/ Red (object detected)

**INCLUDES**  
 (4) AA Batteries  
 Carry Case

Specifications	
<b>Max. Detection Depth—Metal in Concrete</b>	Up to 4-3/4"
<b>Max. Detection Depth—Water-Filled Plastic Pipes</b>	Up to 2-3/8"
<b>Max. Detection Depth—Objects in Remaining Modes</b>	Up to 2-3/8"
<b>Battery Type</b>	(4) AA Batteries
<b>Dimensions</b>	3.3" x 8.5" x 3"
<b>Weight</b>	1.1 lbs.

# WALL SCANNER

## GMS 120



- ▶ Multimode Detection—For detection of wood studs, metal objects (rebar, studs and steel/copper pipes) or live wiring\*
- ▶ Illuminated Ring Indicates Detection Status—Green (no object found)/Orange (object near)/Red (object found)
- ▶ Automatic Center Finder—For locating center of detected wood or metal object
- ▶ Illuminated Graphical Display—Indicates mode, detection strength and more

**INCLUDES**  
 Hand Strap  
 9V Battery  
 Pouch

Specifications	
<b>Max. Detection Depth—Ferrous Metal</b>	Up to 4-3/4"
<b>Max. Detection Depth—Non-Ferrous Metal</b>	Up to 3-1/8"
<b>Max. Detection Depth—Copper Wiring (hot/live)</b>	Up to 2"
<b>Max. Detection Depth—Wood Substructures (Studs)</b>	Up to 1-1/2"
<b>Battery Type</b>	(1) 9V battery
<b>Dimensions</b>	3.5" x 7.9" x 1.4"
<b>Weight</b>	0.6 lbs.



# SELF-LEVELING LINE LASERS



Level and align with precision using Bosch line lasers. These lasers offer simple setup and easy operation to project laser reference lines with accuracy. Quickly establish level, alignment, plumb and set right angles of various reference points. Highly visible laser lines and automatic self-leveling ensure proper layout and increased productivity on the jobsite.

## QUICK TOOL SELECTION GUIDE

	GLL 3-80	GLL 2-80	GLL 2-20	GLL 3-50	GCL 2-160	GLL 2-15	GLL 30	GLL 1P
Horizontal Leveling	●	●	●	●	●	●	—	●
Vertical Alignment	●	●	●	●	●	●	—	●
Simultaneous Horizontal and Vertical Alignment	●	●	●	●	●	●	●	—
Aligning at an Angle	●	●	●	●	●	●	●	●
Pulse Laser Receiver Mode	●	●	—	●	●	—	—	—
360° Laser Reference	●	●	●	—	—	—	—	—
Setting Right Angles (Squaring)	●	—	—	●	—	—	—	—
Plumb Up and Down	—	—	—	—	●	—	—	—



## WORKING IN BRIGHT LIGHT CONDITIONS

The pulse laser receiver function locates the laser line using the LR 7 laser receiver in bright light conditions, both indoors and outdoors.

See page 367 for more information on the LR 7 Line Laser Receiver.



# 360° THREE-PLANE LEVELING AND ALIGNMENT-LINE LASER

GLL 3-80

## INCREASE PRODUCTIVITY WITH 360° COVERAGE

The GLL 3-80 gives users the ability to line up an entire room from one setup point.

**THREE 360° LASER PLANES (ONE HORIZONTAL AND TWO VERTICAL)**  
For level, plumb and square applications

**PULSE LASER RECEIVER MODE**  
For use with laser receiver at up to 265 ft. diameter

**SMART PENDULUM LEVELING SYSTEM**  
Self-levels and indicates out-of-level condition

**SECURE TRANSPORT LOCK**  
Protects pendulum when unit is switched off

**CONVENIENT 1/4" AND 5/8" TRIPOD MOUNTING THREADS**



MEASURING AND LAYOUT TOOLS

## THREE INDEPENDENT 360° PLANES

Use independently or together with the press of a button



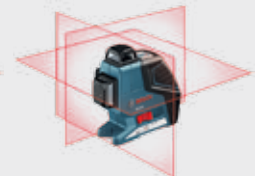
Horizontal Laser Plane



One Vertical Laser Plane



Horizontal and Vertical Laser Planes



All Three 360° Laser Planes



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## 360° THREE-PLANE LEVELING AND ALIGNMENT-LINE LASER

### GLL 3-80

INTERIOR EXTERIOR

**265 ft**  
80 M  
MAXIMUM RANGE



- ▶ One 360° Horizontal Plane and Two 360° Vertical Planes—For level, align and square applications
- ▶ Smart Pendulum System—Self-levels and indicates out-of-level condition; locks when switched off
- ▶ Pulse Laser Receiver Mode—For use with laser receiver at up to 265 ft. diameter
- ▶ Manual Mode—Locks lines for use at any angle

#### INCLUDES

Positioning Device **BM 1**  
Laser Target  
Laser Glasses  
(4) AA Batteries  
Soft Carry Case  
Carry Case **L-BOXX-2**

Also available with laser receiver  
**GLL 3-80 + LR 2**

Specifications	
Accuracy	±1/4" at 100 ft.
Range (up to)	65 ft.
*Range (up to) with Optional Receiver (diameter)	265 ft.
Leveling Type, Range	Self-leveling, up to ±4°
Laser Diode	Class 2, 635–670 nm
Mount Threading	5/8"–11 and 1/4"–20
Battery Type	(4) AA batteries
Operating Temperature	14° F–113° F (-10° C–45° C)
Dimensions	6.3" × 5.5" × 3.0"
Weight	1.7 lbs.

Optional laser accessories available on pages 364–375.

Information about L-Boxx® is available on pages 120–126.

## 360° DUAL-PLANE LEVELING AND ALIGNMENT-LINE LASER

### GLL 2-80

INTERIOR EXTERIOR

**265 ft**  
80 M  
MAXIMUM RANGE



- ▶ One 360° horizontal plane and one 360° vertical plane
- ▶ Smart Pendulum System—Self-levels and indicates out-of-level condition; locks when switched off
- ▶ Pulse Laser Receiver Mode—For use with laser receiver up to 265 ft. diameter
- ▶ Manual Mode—Locks lines for use at any angle

#### INCLUDES

Positioning Device **BM 1**  
Laser Target  
Laser Glasses  
(4) AA Batteries  
Soft Carry Case  
Carry Case **L-BOXX-2**

Specifications	
Accuracy	±1/4" at 100 ft.
Range (up to)	65 ft.
*Range (up to) with Optional Receiver (diameter)	265 ft.
Leveling Type, Range	Self-leveling, up to ±4°
Laser Diode	Class 2, 635–670 nm
Mount Threading	5/8"–11 and 1/4"–20
Battery Type	(4) AA batteries
Operating Temperature	14° F–113° F (-10° C–45° C)
Dimensions	6.3" × 5.5" × 2.1"
Weight	1.3 lbs.

Optional laser accessories available on pages 364–375.

Information about L-Boxx® is available on pages 120–126.

## SELF-LEVELING 360° HORIZONTAL CROSS-LINE LASER

### GLL 2-20

INTERIOR EXTERIOR

**65 ft**  
20 M  
MAXIMUM RANGE



**NEW**



- ▶ One 360° Horizontal Plane and One Vertical Line—For a wide array of level and/or alignment applications
- ▶ Smart Pendulum System—Self-levels and indicates out of level condition; pendulum locks when switched off
- ▶ Includes BM3 Positioning Device—With retractable feet, strong magnets and ceiling grid clamp
- ▶ Manual Mode—Locks lines for use at any angle

#### INCLUDES

Positioning Device **BM3**  
Laser Target  
(4) AA Batteries  
Carry Case

Specifications	
Accuracy	±3/16" at 30 ft.
Range (up to)	65 ft.
Leveling Type, Range	Self-leveling, up to ±4°
Laser Diode	Class 2, 636–639 nm, <1 mW
Mount Threading	1/4"–20
Battery Type	(4) AA batteries
Operating Temperature	41° F–104° F (5° C–40° C)
Dimensions	4.9" × 3.6" × 2.6"
Weight	0.7 lbs.

Optional laser accessories available on pages 364–375.



# THREE-LINE LASER WITH LAYOUT BEAM

GLL 3-50

**Level, align, square and plumb with one setup point**

360° rotational mounting base enables the tool to be setup once for laying out an entire room.

**ONE HORIZONTAL LINE, TWO VERTICAL LINES PLUS PLUMB DOWN POINT**

For level, align, plumb and square applications

**360° ROTATIONAL MOUNTING BASE WITH MANUAL FINE ADJUSTMENT**

For easy setup and convenient viewing of laser point on the floor



**1/4"-20 AND 5/8"-11 TRIPOD MOUNTING THREADS**



**PULSE LASER RECEIVER MODE**

For use with laser receiver at up to 165 ft.

**SMART PENDULUM LEVELING SYSTEM**

Self-levels and indicates out-of-level condition

**SECURE TRANSPORT LOCK**

Protects pendulum when unit is switched off

## THREE-LINE LASER WITH LAYOUT BEAM

**GLL 3-50**



**INTERIOR EXTERIOR**

**165 ft**  
60 M  
MAXIMUM RANGE



- ▶ One Horizontal Line, Two Vertical Lines Plus Layout Beam—For level, align, plumb and squaring applications
- ▶ 360° Rotating Telescoping Mounting Base—Manual fine adjustment for easy setup and convenient viewing of laser point on the floor
- ▶ Pulse Laser Receiver Mode—For use with optional laser receiver LR2 at up to 165 ft.
- ▶ Smart Pendulum System—Self-levels and indicates out-of-level condition; locks when switched off

**INCLUDES**

360° Rotational Mounting Base  
Laser Target  
(4) AA Batteries  
Soft Carry Case  
Carry Case L-BOXX-2

Specifications	
Accuracy	±3/8" at 100 ft.
Range (up to)	33 ft.
*Range (up to) with Optional Receiver (diameter)	165 ft.
Leveling Type, Range	Self-leveling, up to ±4°
Laser Diode	Class 2, 635–670 nm
Mount Threading	5/8"-11 and 1/4"-20
Battery Type	(4) AA batteries
Operating Temperature	14° F–104° F (-10° C–40° C)
Dimensions	7.9" × 7.9" × 7.5"
Weight	2.0 lbs.

Optional laser accessories available on pages 364–375.

Information about L-Boxx® is available on pages 120–126.



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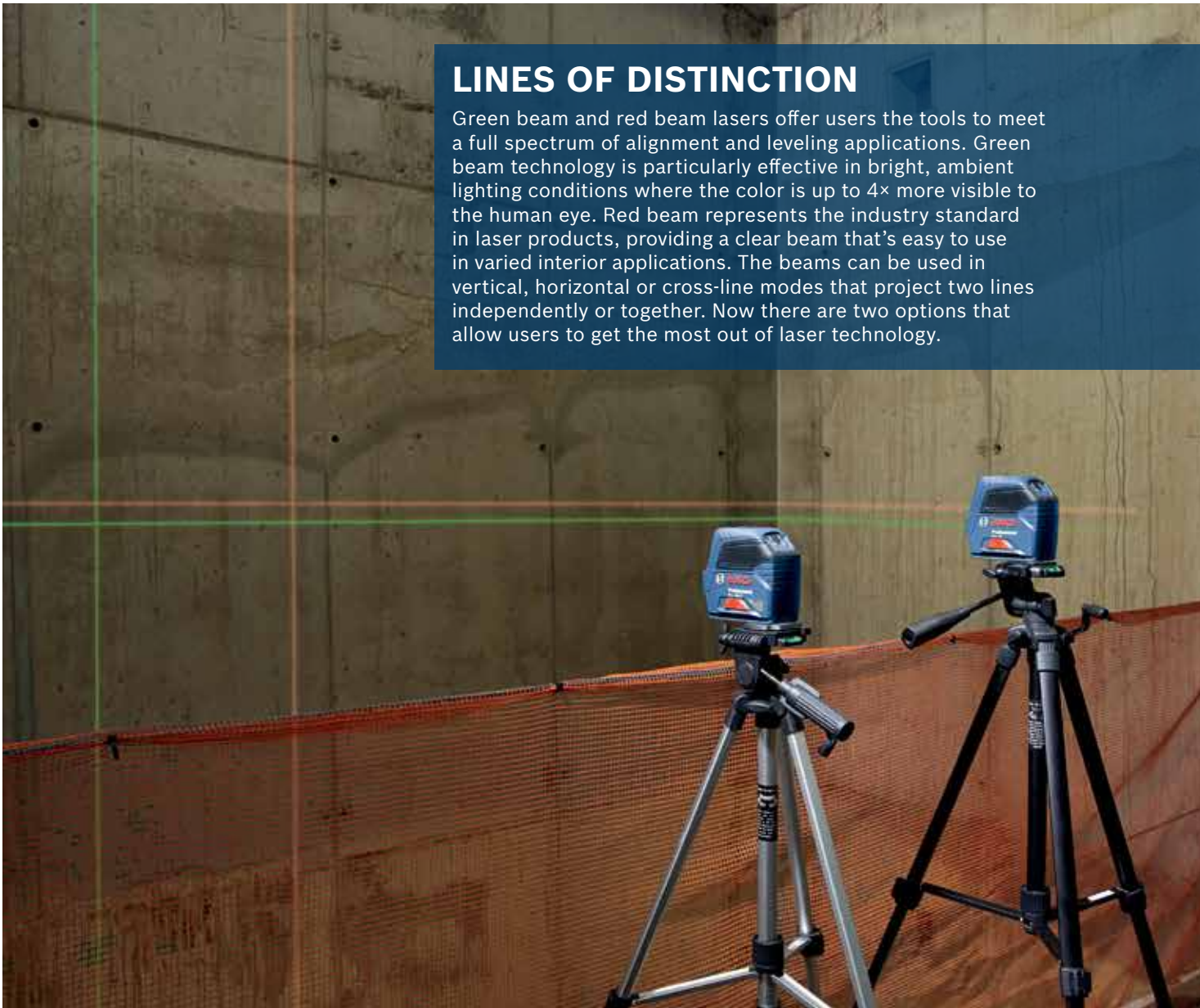






## LINES OF DISTINCTION

Green beam and red beam lasers offer users the tools to meet a full spectrum of alignment and leveling applications. Green beam technology is particularly effective in bright, ambient lighting conditions where the color is up to 4× more visible to the human eye. Red beam represents the industry standard in laser products, providing a clear beam that's easy to use in varied interior applications. The beams can be used in vertical, horizontal or cross-line modes that project two lines independently or together. Now there are two options that allow users to get the most out of laser technology.



### VISIMAX™

Proprietary Bosch VisiMax™ Technology for red beam and green beam devices monitors power consumption to maximize line visibility and increase energy efficiency.

# GREEN-BEAM SELF-LEVELING CROSS-LINE LASER

GLL 100 G

**NEW**

VisiMax™ Technology monitors power consumption to maximize line visibility and increase energy efficiency.

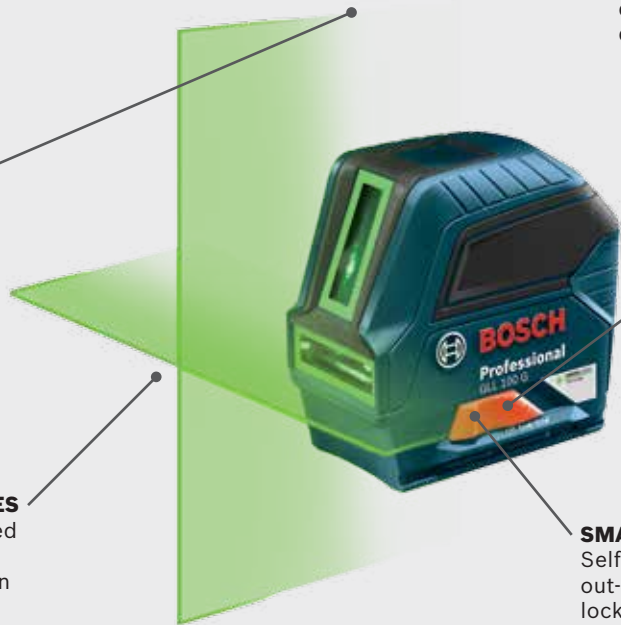


## LONG VERTICAL LASER LINE

Extends line visibility behind the tool to almost 360° vertical plane when placed next to a wall

## BRIGHT GREEN LASER LINES

Are up to 4× brighter than red beams, providing a visible range of up to 100 ft. with an accuracy of ±1/8"



## ROBUST OVER-MOLDED CONSTRUCTION

Supplies IP54 splash water/dust protection, for years of dependable operation

## MANUAL MODE

Locks lines for use at any angle

## SMART PENDULUM SYSTEM

Self-levels, indicates out-of-level condition and locks when switched off for safe transport

## GREEN-BEAM SELF-LEVELING CROSS-LINE LASER

GLL 100 G

**NEW**



INTERIOR

**100 ft**  
30M

VISIMAX



- ▶ VisiMax™ Technology—Provides maximum line visibility in standard working conditions
- ▶ Bright Green-Beam Laser—Up to 4× brighter than standard red beams
- ▶ Easy-to-Use Laser Setup Modes—Projects vertical, horizontal and cross lines
- ▶ Versatile Job Layout—Lines can be projected separately or together for a variety of level and alignment applications
- ▶ Smart Pendulum System—Allows tool to self-level, and it indicates out-of-level condition

### INCLUDES

Positioning Device **BM3**  
Laser Target  
(3) AA Batteries  
Carry Case

Specifications	
Accuracy Line	1/8" at 33 ft.
Range (up to)	100 ft.
Leveling Type, Range	Self-leveling, up to ±4°
Laser Diode	Class 2, 500–540 nm, <10 mW
Mount Threading	1/4"–20 and 5/8"–11
Battery Type	(3) AA batteries
Operating Temperature	14° F–122° F (-10° C–50° C)
Dimensions	4.4"×2.2"×4.2"
Weight	1.08 lbs.

Optional laser accessories available on pages 364–375.



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## SELF-LEVELING CROSS-LINE LASER WITH PLUMB POINTS

**GCL 2-160**

**NEW**



**INTERIOR** **165 ft** **50 M** **VISIMAX** 

- ▶ VisiMax™ Technology—Provides maximum line visibility in standard working conditions
- ▶ Easy-to-use Laser Setup Modes—Projects vertical, horizontal, cross lines and points
- ▶ Pulse Receiver Mode—Used with optional laser receiver LR 6 or LR 7 for applications up to 165 ft.
- ▶ RM 1 Magnetic Rotating Mount—Features strong magnets for versatile positioning, plus a ceiling clamp for use in ceiling grid applications; rotating base positions the vertical line and keeps the unit centered on plumb points

**INCLUDES**  
Magnetic Rotating Mount **RM 1**  
Positioning Device **BM3**  
Laser Target Plate  
(3) AA Batteries  
Carry Case

Specifications	
<b>Accuracy Line</b>	1/8" at 33 ft.
<b>Accuracy Point</b>	9/32" at 33 ft.
<b>Range (up to)</b>	65 ft.
<b>Range Point (up to)</b>	33 ft.
<b>Range (up to) with Optional Receiver (diameter)</b>	165 ft.
<b>Leveling Type, Range</b>	Self-leveling, up to ±4°
<b>Laser Diode</b>	Class 2, 630–650 nm, <1 mW
<b>Mount Threading</b>	1/4"–20 and 5/8"–11
<b>Battery Type</b>	(3) AA batteries
<b>Operating Temperature</b>	14° F–122° F (-10° C–50° C)
<b>Dimensions</b>	4.4" × 2.2" × 4.2"
<b>Weight</b>	1.08 lbs.

Optional laser accessories available on pages 364–375.

## SELF-LEVELING CROSS-LINE LASER

**GLL 55**

**NEW**



**INTERIOR** **50 ft** **15 M** **VISIMAX** 

- ▶ VisiMax™ Technology—Provides maximum line visibility in standard working conditions
- ▶ Easy-to-Use Laser Setup Modes—Projects vertical, horizontal and cross lines
- ▶ Versatile Job Layout—Lines can be projected separately or together for a variety of level and alignment applications
- ▶ Smart Pendulum System—Allows tool to self-level, and it indicates out-of-level condition
- ▶ Secure Laser Transport—After switching off, pendulum is locked

**INCLUDES**  
Magnetic Mounting Bracket  
Laser Target  
(3) AA Batteries  
Carry Case

Specifications	
<b>Accuracy Line</b>	1/8" at 33 ft.
<b>Range (up to)</b>	50 ft.
<b>Leveling Type, Range</b>	Self-leveling, up to ±4°
<b>Laser Diode</b>	Class 2, 630–650 nm, <1 mW
<b>Mount Threading</b>	1/4"–20 and 5/8"–11
<b>Battery Type</b>	(3) AA batteries
<b>Operating Temperature</b>	14° F–122° F (-10° C–50° C)
<b>Dimensions</b>	4.4" × 2.2" × 4.2"
<b>Weight</b>	1.08 lbs.

Optional laser accessories available on pages 364–375.



## SELF-LEVELING CROSS-LINE LASER

### GLL 2-15

INTERIOR

50 ft  
15 M



- ▶ Vertical, Horizontal and Cross-Line Modes—Projects two lines independently or together for a wide array of level and/or align applications
- ▶ Smart Pendulum System—Self-levels and indicates out-of-level condition; locks when switched off
- ▶ Manual Mode—For use at any angle
- ▶ Includes BM3 Positioning Device—With retractable feet, strong magnets and ceiling grid clamp

#### INCLUDES

Positioning Device **BM3**  
Laser Target  
(3) AA Batteries  
Carry Case



#### BM3 POSITIONING DEVICE

See page 374 for more information.

Specifications	
Accuracy	±1/8" at 30 ft.
Range (up to)	50 ft.
Leveling Type, Range	Self-leveling, up to ±4°
Laser Diode	Class 2, 630–670 nm
Mount Threading	1/4"–20
Battery Type	(3) AA batteries
Operating Temperature	14° F–122° F (-10° C–50° C)
Dimensions	3.1"×3.8"×1.6"
Weight	0.5 lbs.

Optional laser accessories available on pages 364–375.

## SELF-LEVELING CROSS-LINE LASER

### GLL 2

INTERIOR

30 ft  
10 M

NEW



- ▶ Vertical, Horizontal and Cross-Line Modes—Projects two lines independently or together for a wide array of level and/or alignment applications
- ▶ One-Button Operation—Easily select between modes, on/off; switch slider to lock for transport
- ▶ Versatile Mounting Device—Conveniently clamps to multiple surfaces for quick and easy setup and flexible arm for any angle
- ▶ Smart Pendulum System—Self-Levels and indicates out-of-level condition

#### INCLUDES

Flexible Mounting Device **MM 2**  
(2) AA Batteries

Specifications	
Accuracy	±3/16" at 30 ft.
Range (up to)	30 ft.
Leveling Type, Range	±4°
Laser Diode	Class 2, 650 nm, <1 mW
Mount Threading	1/4"–20
Battery Type	(2) AA batteries
Operating Temperature	14° F–104° F (-10° C–40° C)
Dimensions	3.1"×1.6"×3.7"
Weight	0.5 lbs.

Optional laser accessories available on pages 364–375.

## SELF-LEVELING CROSS-LINE LASER

### GLL 30

INTERIOR

30 ft  
10 M

NEW



- ▶ Cross-Line Mode—Projects two lines for a wide array of level and alignment applications
- ▶ Includes MM 2 Flexible Mounting Device—Conveniently clamps to multiple surfaces for quick and easy setup
- ▶ Smart Pendulum System—Self-levels and indicates out of level condition; pendulum locks when switched off
- ▶ Manual Mode—For use at any angle

#### INCLUDES

Flexible Mounting Device **MM 2**  
(2) AA Batteries

Specifications	
Accuracy	±5/16" at 30 ft.
Range (up to)	30 ft.
Leveling Type, Range	Self-leveling, up to ±4°
Laser Diode	Class 2, 635 nm
Mount Threading	1/4"–20
Battery Type	(2) AA batteries
Operating Temperature	41° F–104° F (5° C–40° C)
Dimensions	2.8"×2.2"×2.8"
Weight	0.5 lbs.

Optional laser accessories available on pages 364–375.



# WALL AND FLOOR COVERING LINE LASERS

MEASURING AND LAYOUT TOOLS



## LINE AND POINT LASER GLL 1 P

INTERIOR

**16 ft**  
LINE  
5 M

**65 ft**  
POINT  
20 M



- ▶ Projects Bright Single Laser Line or a Point—For leveling and alignment applications
- ▶ Compact Design and One-Button Operation—For quick-and-easy setup and use
- ▶ Versatile Mounting Accessory—For mounting to walls, compact tripod with 1/4"-20 thread or just place it on any flat surface
- ▶ Built-in vial level

### INCLUDES

Versatile Mount  
(2) AAA Batteries

Specifications	
Accuracy	±3/16" at 33 ft.
Range (up to)	16 ft.
Range Point (up to)	65 ft.
Leveling Type, Range	Manual Leveling
Laser Diode	Class 2, 630–670 nm
Mount Threading	1/4"–20
Battery Type	(2) AAA batteries
Operating Temperature	41° F–104° F (5° C–40° C)
Dimensions	6.0" × 1.1" × 0.9"
Weight	0.2 lbs.

Optional laser accessories available on pages 364–375.

## SURFACE LASER GSL 2



INTERIOR

**30 ft**  
10 M

**65 ft**  
20 M  
WITH TARGET PLATE



- ▶ Projects Two Laser Lines that Meet on the Floor Surface—To determine flatness and level
- ▶ Bright, Clear Laser Line Projection—Allows laser lines to come together when surface is flat; separate when surface is uneven
- ▶ Motorized Rotary Base—Offers continuous view of floor surface instead of spot-checking
- ▶ Versatile Battery Operation—Can be used with either alkaline batteries (included) or Bosch Lithium-Ion 12V Max battery pack (not included)

### INCLUDES

Remote Control **RC2**  
Target Plate  
Laser Glasses  
(4) AA Batteries  
Exact-Fit™ Insert Tray  
Carry Case **L-BOXX-3**

### Specifications

<b>Accuracy</b>	±1/8" at 30 ft.
<b>Range without Target Plate (up to)</b>	30 ft.
<b>Range with Target Plate (up to)</b>	65 ft.
<b>Leveling Type, Range</b>	Self-leveling, up to ±4°
<b>Laser Diode</b>	Class 3R, 630–670 nm
<b>Battery Type</b>	(4) AA batteries
<b>Operating Temperature</b>	14° F–122° F (-10° C–50° C)
<b>Dimensions</b>	8.3" × 7.7" × 8.1"
<b>Weight</b>	3.3 lbs.

Optional laser accessories available on pages 364–375.

Information about L-Boxx® is available on pages 120–126.

## WALL/FLOOR COVERING LASER GTL 3



INTERIOR

**65 ft**  
20 M

- ▶ 0° and 90° Lines Plus Optional 45° Layout Line—Provides 0°, 45°, 90° layout from a single setup
- ▶ Elevated Laser Beams—Allows laser line to travel past uneven surfaces or obstructions
- ▶ Magnet Attachment—Strong magnets on bottom of tool provide secure and adjustable attachment on positioning plate and other ferrous-metal surfaces
- ▶ Versatile Steel Positioning Plate—For versatile positioning of tool

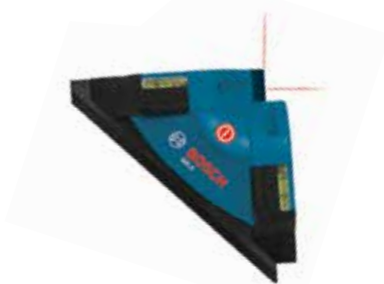
### INCLUDES

Versatile Steel Positioning Plate  
Laser Target  
(4) AA Batteries  
Pouch

### Specifications

<b>Accuracy</b>	±1/16" at 20 ft.
<b>Range (up to)</b>	65 ft.
<b>Laser Diode</b>	Class 2, 635–670 nm
<b>Battery Type</b>	(4) AA batteries
<b>Operating Temperature</b>	14° F–122° F (-10° C–50° C)
<b>Dimensions</b>	6.1" × 4.0" × 3.9"
<b>Weight</b>	0.9 lbs.

## LASER LEVEL SQUARE GTL 2



INTERIOR

**30 ft**  
10 M

- ▶ Projects horizontal and vertical "chalk lines" for applications on any surface
- ▶ Alignment Guide for 90° Layout—Calculate and turn angles in 5° increments
- ▶ Simple One-Button Operation—Powers two perpendicular laser lines (90°) on and off
- ▶ Easy-to-Press Push Buttons—Secures unit to smooth surfaces using non-abrasive adhesive

### INCLUDES

(2) Adhesive Mounting Strips

### Specifications

<b>Accuracy</b>	±1/2" at 30 ft.
<b>Range (up to)</b>	30 ft.
<b>Laser Diode</b>	Class 2M, 635–670 nm
<b>Battery Type</b>	(3) AA batteries (not included)
<b>Operating Temperature</b>	32° F–104° F (0° C–40° C)
<b>Dimensions</b>	7.1" × 7.1" × 2.1"
<b>Weight</b>	1.0 lb.





# POINT ALIGNMENT LASERS



Bosch point alignment lasers precisely align, square and transfer points quickly and accurately, leaving hands free to get on with layout. Easily establish alignment, plumb, level and square. Highly visible and focused laser points ensure proper layout and installation on the jobsite.

## QUICK TOOL SELECTION GUIDE

	GCL 25	GPL 5	GPL 3	GPL 2	GPL3T
Number of Points	5	5	3	2	3
Self-Leveling	●	●	●	●	—
Plumb Up and Down	●	●	●	●	—
Horizontal Leveling	●	●	●	—	●
Alignment	●	●	●	—	●
Setting Right Angles	●	●	—	—	●
Laser Cross-Line	●	—	—	—	—

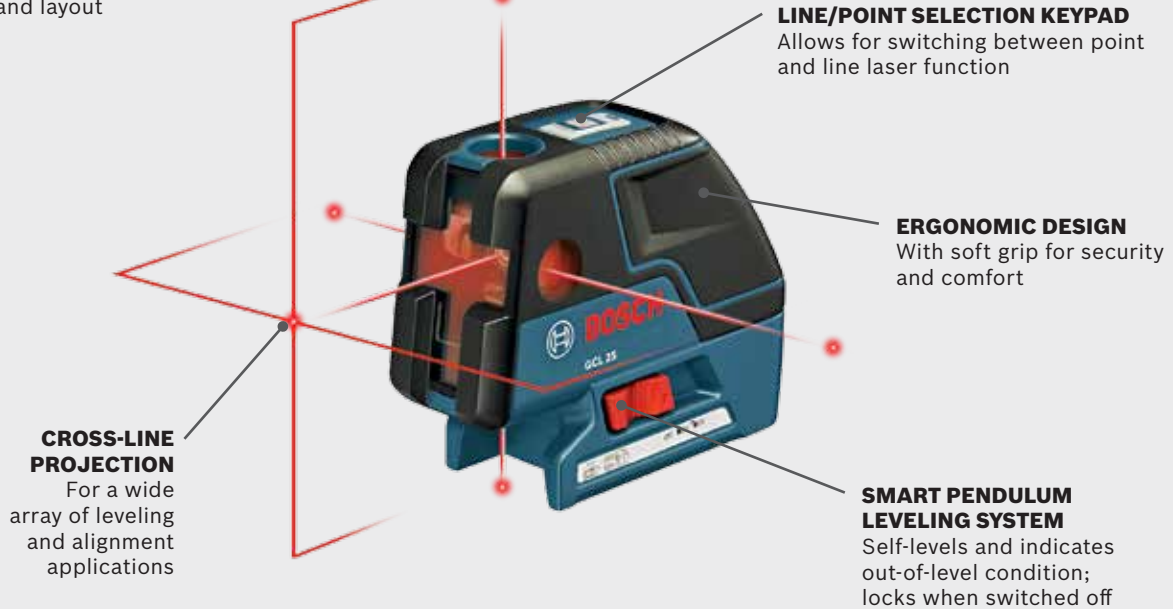
# FIVE-POINT SELF-LEVELING ALIGNMENT LASER WITH CROSS LINE

GCL 25

**A Two-in-One Laser for Horizontal Leveling, Vertical Alignment, Squaring, Layout and Plumb Point Transfer**

## FIVE-POINT LASER PROJECTION

Level, plumb up, plumb down and square for accurate alignment and layout



## CROSS-LINE PROJECTION

For a wide array of leveling and alignment applications

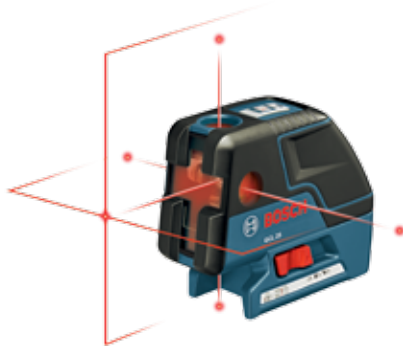
**LINE/POINT SELECTION KEYPAD**  
Allows for switching between point and line laser function

**ERGONOMIC DESIGN**  
With soft grip for security and comfort

**SMART PENDULUM LEVELING SYSTEM**  
Self-levels and indicates out-of-level condition; locks when switched off

## FIVE-POINT SELF-LEVELING ALIGNMENT LASER WITH CROSS-LINE

**GCL 25**



**INTERIOR** **30 ft** **100 ft**  
LINE 9M POINT 30M



- ▶ Five Points Plus a Cross-Line—For a two-in-one laser
- ▶ Highly Visible Laser Points and Lines—For horizontal leveling, vertical alignment, squaring, layout and plumb point transfer
- ▶ Manual Mode—Locks lines for use at any angle
- ▶ Smart Pendulum System—Self-levels and indicates out-of-level condition; locks when switched off

### INCLUDES

- Positioning Device **BM 1**
- Laser Target
- (4) AA Batteries
- Pouch
- Carry Case

Specifications	
<b>Accuracy—Cross-Line (up to)</b>	±1/8" at 30 ft.
<b>Accuracy—Point (up to)</b>	Horizontal ±1/8" at 30 ft. Vertical ±9/16" at 30 ft.
<b>Range—Cross-Line (up to)</b>	30 ft.
<b>Range—Horizontal Points (up to)</b>	100 ft.
<b>Range—Plumb Points (up to)</b>	Upwards 30 ft. Downwards 15 ft.
<b>Leveling Type, Range</b>	Self-leveling, up to ±4°
<b>Laser Diode</b>	Class 2, 635–670 nm
<b>Mount Threading</b>	5/8"–11 and 1/4"–20
<b>Battery Type</b>	(4) AA batteries
<b>Operating Temperature</b>	14° F–122° F (-10° C–50° C)
<b>Dimensions</b>	6.1" × 4.6" × 2.2"
<b>Weight</b>	1.1 lbs.

Optional laser accessories available on pages 364–375.



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# FIVE-POINT SELF-LEVELING ALIGNMENT LASER

## GPL 5

INTERIOR

**100 ft**  
30M



- ▶ Five-Point Lasers—Level, plumb up, plumb down and square
- ▶ Accurately transfers and aligns level, plumb and 90° square points
- ▶ Smart Pendulum System—Self-levels and indicates out-of-level condition; locks when switched off
- ▶ Multipurpose Attachment—Position and mount with magnets, strap or threaded mounts (5/8"-11, 1/4"-20)

### INCLUDES

Multipurpose Attachment  
Mounting Strap  
Recalibration Wrench  
(3) AA Batteries  
Pouch  
Carry Case

Specifications	
Accuracy	±1/4" at 100 ft.
Range—Horizontal Points (up to)	100 ft.
Range—Plumb Points (up to)	Upwards 30 ft. Downwards 15 ft.
Leveling Type, Range	Self-leveling, up to ±5°
Laser Diode	Class 2, 635–670 nm
Mount Threading	5/8"–11 and 1/4"–20
Battery Type	(3) AA batteries
Operating Temperature	14° F–122° F (-10° C–50° C)
Dimensions	4.1" × 3.1" × 1.6"
Weight	1.6 lbs.

Optional laser accessories available on pages 364–375.

# THREE-POINT SELF-LEVELING ALIGNMENT LASER

## GPL 3

INTERIOR

**100 ft**  
30M



- ▶ Three-Point Plumb and Level Point Projection—Accurately transfers and aligns level, plumb, 90° and grade points
- ▶ Smart Pendulum System—Self-levels and indicates out-of-level condition; locks when switched off
- ▶ Multipurpose Attachment—Position and mount with magnets, strap or threaded mounts (5/8"-11, 1/4"-20)

### INCLUDES

Multipurpose Attachment  
Mounting Strap  
Recalibration Wrench  
(3) AA Batteries  
Pouch  
Carry Case

Specifications	
Accuracy	±1/4" at 100 ft.
Range—Horizontal Points (up to)	100 ft.
Range—Plumb Points (up to)	Upwards 30 ft. Downwards 15 ft.
Leveling Type, Range	Self-leveling, up to ±5°
Laser Diode	Class 2, 635–670 nm
Mount Threading	5/8"–11 and 1/4"–20
Battery Type	(3) AA batteries
Operating Temperature	14° F–104° F (-10° C–40° C)
Dimensions	4.1" × 3.1" × 1.6"
Weight	0.5 lbs.

Optional laser accessories available on pages 364–375.

# TWO-POINT SELF-LEVELING PLUMB LASER

## GPL 2

INTERIOR

**30 ft**  
10M



**NEW**



- ▶ Quick-settling pendulum makes the job faster versus standard plumb bob
- ▶ In-track design makes unit easy to move
- ▶ Multi-purpose mounting attachment allows unit to be used virtually anywhere
- ▶ Diamond-cut beam splitter uses a single diode to project all points for superior accuracy
- ▶ One person does the job of two people using a manual plumb bob

### INCLUDES

Multipurpose Attachment  
Mounting Strap  
Recalibration Wrench  
(3) AA Batteries  
Carry Case

Specifications	
Accuracy	±1/4" at 30 ft.
Range—Horizontal Points (up to)	100 ft.
Range—Plumb Points (up to)	Upwards 1/8" at 50 ft. Downwards 1/4" at 10 ft.
Leveling Type, Range	Self-leveling, up to ±5°
Laser Diode	Class 2, 635–670 nm
Mount Threading	1/4"–20
Battery Type	(3) AA batteries
Operating Temperature	14° F–104° F (-10° C–40° C)
Dimensions	4.1" × 3.1" × 1.6"
Weight	0.5 lbs.

Optional laser accessories available on pages 364–375.







## THREE-POINT TORPEDO ALIGNMENT LASER

### GPL3T

INTERIOR

**100 ft**  
30 M



- ▶ Three-Point Plumb, Level and Square-Point Projection—Accurately transfers and aligns plumb, level, square and grade points
- ▶ Versatile Positioning Capability—With precision bubble vials, leveling base, pipe groove, magnets, 1/4"–20 tripod mount, alignment shoulders and positioning tip
- ▶ Precision Crafted—Anodized and machined for superior accuracy and durability



**VERSATILE  
POSITIONING  
CAPABILITY**

#### INCLUDES

- Leveling Base
- (3) AA Batteries
- Belt Pouch

#### Specifications

<b>Accuracy</b>	±1/4" at 75 ft.
<b>Range (up to)</b>	100 ft.
<b>Leveling Type, Range</b>	Manual, bubble vial
<b>Laser Diode</b>	Class 2, 635–670 nm
<b>Mount Threading</b>	1/4"–20
<b>Battery Type</b>	(3) AA batteries
<b>Operating Temperature</b>	14° F–122° F (-10° C–50° C)
<b>Dimensions</b>	9.5" × 1.0" × 1.8"
<b>Weight</b>	1.6 lbs.

Optional laser accessories available on pages 364–375.



# SELF-LEVELING ROTARY LASERS



Bosch rotary lasers are designed for productivity and performance. Electronic self-leveling and exceptional accuracy ensures all interior and exterior applications are done with confidence. Easy setup and operation to get the job done fast. Bosch offers solutions with the right features and packages to fit your application needs.

## QUICK TOOL SELECTION GUIDE

	GLL 150 ECK	GRL 245 HVCK	GRL 300 HVG	GRL 300 HV	GRL 400 H	GRL 500 H
<b>IDEAL FOR</b>	Exterior	Interior/Exterior	Interior/Exterior	Interior/Exterior	Exterior	Exterior
Long Distance Range (≥ 1000 ft.)	–	–	●	●	●	●
Horizontal Leveling	●	●	●	●	●	●
Vertical Layout with 90° Plumb	–	●	●	●	–	–
Variable Speed and Scan Angles	–	●	●	●	–	–
Green-Beam Technology	–	–	●	–	–	–
Slope/Grade	–	–	–	–	–	●



### VERSATILE POSITIONING CAPABILITY

Ideal for level and alignment of interior construction jobs, including ceilings, walls and partitions.



### FAST AND ACCURATE

Convenient leveling of interior floors, exterior surfaces and concrete.

# SELF-LEVELING ROTARY LASER

GRL 500 H

**NEW**

## PRECISE

With  $\pm 1/16$ " leveling accuracy at 100 ft.

## LARGE WORKING RANGE

1,650-ft. (diameter) with LR 50

## ROBUST METAL PROTECTIVE CAGE

Withstands 3 ft. drop

## CALIBRATION REMINDER

- ▶ Includes time, temperature and shock
- ▶ Indicator specifies potential issue, prompts calibration check

## FAST CHARGING

20 min. charging = 4 working hours  
1 hour charging = 60% charged  
3 hours charging = 100% charged

## INTEGRATED LITHIUM-ION BATTERY

For longest battery life

## FULLY AUTOMATIC DIAL-IN SLOPE

- ▶  $\pm 8.5\%$
- ▶ Dial-in via keypad and shown on display

## THEFT DETERRENCE

- ▶ Alarm sounds on both laser and receiver if rotary laser is moved
- ▶ Tool locks when receiver is undocked from rotary laser
- ▶ Unit is rendered inoperable without receiver



## DURABLE, JOBSITE READY

IP56 Rating—Protected against dust and water for all exterior applications.





## SELF-LEVELING SLOPE ROTARY LASER COMPLETE KIT

### GRL 500 HCK

**NEW**



**EXTERIOR** **1650 ft**  
MAXIMUM RANGE **500 M**

- ▶ Long Working Range of 1,650 ft. with Accuracy up to  $\pm 1/16"$  at 100 ft.—Ideal for exterior applications
- ▶ Fast Horizontal Electronic Self-Leveling—Automatically levels the laser and indicates out of level condition
- ▶ Robust Design with Glass-Enclosed Head—For better protection and water/dust resistance (IP56)
- ▶ Remote Control and Receiver In One—All information about rotary laser status, settings and measurements is easily accessible

**INCLUDES**  
Receiver/Remote Control **LR 50**  
Bracket  
Receiver Pouch  
Aluminum Tripod **BT160**  
Grade Rod **GR 8**  
Carry Case

Specifications	
<b>Accuracy (up to)</b>	$\pm 1/16"$ at 100 ft.
<b>Range (up to)</b>	1,650 ft.
<b>Laser Diode</b>	Class 2, 635 nm, <1 mW
<b>Leveling Type</b>	Electronic self-leveling, up to $\pm 5^\circ$
<b>Mount Threading</b>	5/8"-11
<b>Battery Type</b>	7.4V Lithium-Ion
<b>Operating Temperature</b>	14° F–122° F (-10° F–50° C)
<b>Dimensions</b>	39.0" x 18.75" x 17.0"
<b>Weight</b>	31.0 lbs.

Optional laser accessories available on pages 364–375.

## SELF-LEVELING ROTARY LASER WITH LASER RECEIVER

### GRL 400 H



**EXTERIOR** **1300 ft**  
MAXIMUM RANGE **400 M**

- ▶ Long Working Range of 1,300 ft. with Accuracy up to  $\pm 3/32"$  at 100 ft.—Ideal for exterior applications
- ▶ Fast Horizontal Electronic Self-Leveling—Automatically levels the laser and indicates out of level condition
- ▶ Robust Design with Glass-Enclosed Head—For better protection and water/dust resistance (IP56)
- ▶ Includes rotary laser receiver

**INCLUDES**  
Laser Receiver with Mounting Bracket **LR 1**  
(2) D Batteries  
9V Battery  
Carry Case

Specifications	
<b>Accuracy (up to)</b>	$\pm 3/32"$ at 100 ft.
<b>Range (up to) with Receiver (diameter)</b>	1,300 ft.
<b>Leveling Type, Range</b>	Electronic self-leveling, up to $\pm 5^\circ$
<b>Laser Diode</b>	Class 2, 635 nm, <1 mW
<b>Mount Threading</b>	5/8"-11
<b>Battery Type</b>	(2) D batteries
<b>Operating Temperature</b>	14° F–122° F (-10° C–50° C)
<b>Dimensions</b>	7.2" x 6.7" x 7.4"
<b>Weight</b>	3.9 lbs.

Optional laser accessories available on pages 364–375.

## SELF-LEVELING ROTARY LASER COMPLETE EXTERIOR KIT

### GRL 400 HCK



**EXTERIOR** **1300 ft**  
MAXIMUM RANGE **400 M**

- Same features as GRL 400 H above.
- ▶ Complete Kit of Accessories—Including tripod and grade rod for a complete leveling solution

**INCLUDES**  
Laser Receiver with Mounting Bracket **LR 1**  
(2) D Batteries  
9V Battery  
Aluminum Tripod **BT160**  
Grade Rod **GR 8**  
Carry Case

Same specifications as GRL 400 H above.

Optional laser accessories available on pages 364–375.

# SELF-LEVELING ROTARY LASER WITH LAYOUT BEAM

## GRL 300 HV



INTERIOR | EXTERIOR

**1000 ft**  
300 M  
MAXIMUM RANGE



- ▶ Long Working Range of 1,000 ft. with Accuracy up to  $\pm 1/8"$  at 100 ft.—Ideal for horizontal/vertical applications
- ▶ Fast Horizontal and Vertical Electronic Self-Leveling—Automatically levels the laser and indicates out of level condition
- ▶ Rugged Design—For better protection and water/dust resistance on tough jobsite environments (IP54)
- ▶ Variable-speed selection and variable-scan angles for versatility with maximum visibility

### INCLUDES

Remote Control  
Wall Mount  
Laser Target  
Laser Glasses  
(2) D Batteries  
Carry Case

### Specifications

Accuracy (up to)	$\pm 1/8"$ at 100 ft.
Range (up to) without Receiver (diameter)	200 ft.
*Range (up to) with Receiver (diameter)	1,000 ft.
Leveling Type, Range	Electronic self-leveling, up to $\pm 5^\circ$
Laser Diode	Class 2, 635 nm, <5 mW
Mount Threading	5/8"-11
Battery Type	(2) D batteries
Operating Temperature	14° F–122° F (-10° C–50° C)
Dimensions	7.5" x 7.1" x 6.7"
Weight	3.9 lbs.

Optional laser accessories available on pages 364–375.

# SELF-LEVELING ROTARY LASER KIT WITH LASER RECEIVER

## GRL 300 HVD



INTERIOR | EXTERIOR

**1000 ft**  
300 M  
MAXIMUM RANGE



- ▶ Long Working Range of 1,000 ft. with Accuracy up to  $\pm 1/8"$  at 100 ft.—Ideal for horizontal/vertical applications
- ▶ Fast Horizontal and Vertical Electronic Self-Leveling—Automatically levels the laser and indicates out of level condition
- ▶ Rugged Design—For better protection and water/dust resistance on tough jobsite environments (IP54)
- ▶ Variable-speed selection and variable-scan angles for versatility with maximum visibility
- ▶ Includes rotary laser receiver

### INCLUDES

Laser Receiver with Mounting Bracket **LR 30**  
Remote Control  
Wall Mount  
Laser Target  
Laser Glasses  
(2) D Batteries  
9V Battery  
Carry Case

Same specifications as GRL 300 HV above.

Optional laser accessories available on pages 364–375.

# SELF-LEVELING ROTARY LASER COMPLETE KIT

## GRL 300 HVCK



INTERIOR | EXTERIOR

**1000 ft**  
300 M  
MAXIMUM RANGE



- Same features as GRL 300 HVD above.
- ▶ Complete Kit of Accessories—Including tripod and grade rod for a complete leveling solution

### INCLUDES

Laser Receiver with Mounting Bracket **LR 30**  
Remote Control  
Wall Mount  
Laser Target  
Laser Glasses  
(2) D Batteries  
9V Battery  
Aluminum Tripod **BT160**  
Grade Rod **GR 8**  
Carry Case

Same specifications as GRL 300 HV above.

Optional laser accessories available on pages 364–375.





## SELF-LEVELING ROTARY LASER COMPLETE KIT

### GRL 245 HVCK

INTERIOR EXTERIOR

**800 ft**  
240 M  
MAXIMUM RANGE



**NEW**



- ▶ Long Working Range of 800 ft. with Accuracy up to  $\pm 1/8"$  at 100 ft.—Ideal for horizontal/vertical applications
- ▶ Fast Horizontal and Vertical Electronic Self-Leveling—Automatically levels the laser and indicates out of level condition
- ▶ Rugged Design—For better protection and water/dust resistance on tough jobsite environments (IP54)
- ▶ Variable-speed selection and variable-scan angles for versatility with maximum visibility

#### INCLUDES

Receiver with Bracket **LR 30**  
Remote Control  
Wall Mount  
Aluminum Tripod **BT160**  
Grade Rod **GR 8**  
9V Battery  
Carry Case

Specifications	
<b>Accuracy (up to)</b>	$\pm 1/8"$ at 100 ft.
<b>Range (up to) without Receiver (diameter)</b>	200 ft.
<b>*Range (up to) with Receiver (diameter)</b>	800 ft.
<b>Leveling Type, Range</b>	Electronic self-leveling, up to $\pm 5^\circ$
<b>Laser Diode</b>	Class 2, 635 nm, <1 mW
<b>Mount Threading</b>	5/8"-11
<b>Battery Type</b>	(2) D batteries
<b>Operating Temperature</b>	14° F–122° F (-10° C–50° C)
<b>Dimensions</b>	39.0" x 15.25" x 15.5"
<b>Weight</b>	29.0 lbs.

Optional laser accessories available on pages 364–375.

## SELF-LEVELING GREEN-BEAM ROTARY LASER WITH LAYOUT BEAM

### GRL 300 HVG

INTERIOR EXTERIOR

**1000 ft**  
300 M  
MAXIMUM RANGE



- ▶ Bright Green-Beam Laser—Three times brighter than standard red beam
- ▶ Long Working Range of 1,000 ft. with Accuracy up to  $\pm 1/8"$  at 100 ft.—Ideal for horizontal/vertical applications
- ▶ Fast Horizontal and Vertical Electronic Self-Leveling—Automatically levels the laser and indicates out of level condition
- ▶ Variable-speed selection and variable-scan angles for versatility with maximum visibility

#### INCLUDES

Remote Control  
Wall Mount  
Laser Target  
Laser Glasses  
(2) D Batteries  
Carry Case

Specifications	
<b>Accuracy (up to)</b>	$\pm 1/8"$ at 100 ft.
<b>Range (up to) without Receiver (diameter)</b>	330 ft.
<b>*Range (up to) with Optional Receiver (diameter)</b>	1,000 ft.
<b>Leveling Type, Range</b>	Electronic self-leveling, up to $\pm 5^\circ$
<b>Laser Diode</b>	Class 3R, 532 nm, <5 mW
<b>Mount Threading</b>	5/8"-11
<b>Battery Type</b>	(2) D batteries
<b>Operating Temperature</b>	14° F–104° F (-10° C–40° C)
<b>Dimensions</b>	7.5" x 7.1" x 6.7"
<b>Weight</b>	3.9 lbs.

Optional laser accessories available on pages 364–375.



# EXTERIOR LINE LASER

## SELF-LEVELING 360° EXTERIOR LASER COMPLETE KIT

### GLL 150 ECK

**NEW**



INTERIOR EXTERIOR

**530 ft**  
160 M  
MAXIMUM RANGE

- ▶ Long Working Range of 530 ft. with Accuracy up to  $\pm 3/16"$  at 100 ft.— Ideal for horizontal applications
- ▶ Smart Pendulum Leveling System— Self-levels and indicates out-of-level condition; locks when switched off
- ▶ Laser Detector with extended range option when extra distance required
- ▶ Full Kit of Accessories—Including laser receiver and bracket, tripod, grade rod and all-in-one carry case

#### INCLUDES

Receiver with Bracket **LR 3**  
Aluminum Tripod **BT160**  
Grade Rod **GR 8**  
(6) AA Batteries  
All-in-One Carry Case

Specifications	
Accuracy (up to)	$\pm 3/16"$ at 100 ft.
Range (up to) without Receiver (diameter)	65 ft.
*Range (up to) with Receiver (diameter)	530 ft.
Leveling Type, Range	Self-leveling, up to $\pm 4^\circ$
Laser Diode	Class 2, 640 nm, <1 mW
Mount Threading	1/4"-20, 5/8"-11
Battery Type	(4) AA batteries
Operating Temperature	14° F–122° F (-10° C–50° C)
Dimensions	33.0" x 18.25" x 7.5"
Weight	22.5 lbs.

Optional laser accessories available on pages 364–375.





# AUTOMATIC OPTICAL LEVELS



## AUTOMATIC OPTICAL LEVEL

### GOL 32

EXTERIOR **400 ft**  
120 M 



- ▶ Accurate up to  $\pm 1/16"$  at 100 ft.
- ▶ Large Aperture 32x-Power Lens—Allows more light for a sharper image and excellent magnification
- ▶ Self-Leveling Compensator with Transport Lock—Protects pendulum in carry case against damage and loss of calibration
- ▶ Solid Metal Base with Three Precision Leveling Screws—Provides stability for accurate leveling
- ▶ IP54 for all-weather protection
- ▶ Both Horizontal/Vertical Crosshairs and Stadia Lines—Measures level, alignment and estimates distance

**INCLUDES**  
Plumb Bob  
Tool Kit  
Carry Case

Specifications	
Accuracy (up to)	$\pm 1/16"$ at 100 ft.
Range (up to)	400 ft.
Leveling Type	Magnetically damped compensator
Mount Threading	5/8"-11
IP Rating	IP54
Dimensions	8.3" x 5.3" x 5.6"
Weight	3.7 lbs.

Optional laser accessories available on pages 364-375.

## AUTOMATIC OPTICAL LEVEL KIT

### GOL 32 CK

EXTERIOR **400 ft**  
120 M 



- Same features as GOL 32 above.
- ▶ Complete Kit of Accessories—Including tripod and grade rod for a complete leveling solution

**INCLUDES**  
Plumb Bob  
Tool Kit  
Aluminum Tripod **BT160**  
Grade Rod **GR 8**  
Carry Case

Same specifications as GOL 32 above.

Optional laser accessories available on pages 364-375.

# AUTOMATIC OPTICAL LEVEL

## GOL26

EXTERIOR **330 ft**  
100 M 



- ▶ Accurate up to  $\pm 1/16"$  at 100 ft.
- ▶ Large Aperture 26x-Power Lens—Allows more light for a sharper image and excellent magnification
- ▶ Self-Leveling Compensator with Transport Lock—Protects pendulum in carry case against damage and loss of calibration
- ▶ Both Horizontal/Vertical Crosshairs and Stadia Lines—Measures level, alignment and estimates distance

### INCLUDES

Plumb Bob  
Tool Kit  
Carry Case

Specifications	
Accuracy (up to)	$\pm 1/16"$ at 100 ft.
Range (up to)	330 ft.
Leveling Type	Magnetically damped compensator
Mount Threading	5/8"-11
IP Rating	IP54
Dimensions	8.3" x 5.3" x 5.6"
Weight	3.7 lbs.

Optional laser accessories available on pages 364–375.

# AUTOMATIC OPTICAL LEVEL KIT

## GOL 26 CK

EXTERIOR **330 ft**  
100 M 



Same features as GOL26 above.

- ▶ Complete Kit of Accessories—Including tripod and grade rod for a complete leveling solution

### INCLUDES

Plumb Bob  
Tool Kit  
Aluminum Tripod **BT160**  
Grade Rod **GR 8**  
Carry Case

Same specifications as GOL26 above.

Optional laser accessories available on pages 364–375.



# MEASURING TOOL ACCESSORIES

## QUICK ACCESSORY SELECTION GUIDE

MEASURING AND LAYOUT TOOLS



	Point Alignment Lasers				Line Lasers				
	GCL 25	GPL 5	GPL 3	GPL 2	GLL 2-15	GLL 2-20	GCL 2-160	GLL 30	GLL 3-80
LR 1	-	-	-	-	-	-	-	-	-
LR 1 G	-	-	-	-	-	-	-	-	-
LR 30	-	-	-	-	-	-	-	-	-
LR 50	-	-	-	-	-	-	-	-	-
LR 2	-	-	-	-	-	-	-	-	●
LR 3	-	-	-	-	-	-	-	-	-
LR 6	-	-	-	-	-	-	●	-	-
LR 7	-	-	-	-	-	-	●	-	-
BT160	●	●	●	●	○	●	●	-	●
BT170HD	●	●	●	●	○	●	●	-	●
BT300HD	●	●	●	●	○	●	●	-	●
BT 150	●	●	●	●	●	●	●	-	●
BP350	●	●	●	●	●	●	●	●	●
GR 16	-	-	-	●	●	●	●	●	●
GR500	-	-	-	-	●	●	●	●	●
WM 4	●	-	-	-	○	●	●	●	●
BM 1	●	●	●	●	●	●	●	-	●
BM3	-	●	●	●	●	●	●	●	-
RM 1	-	-	-	-	-	-	●	-	-
RM 2	-	-	-	-	-	-	●	-	-
MM 2	-	-	-	●	-	-	●	●	-

● = Ideal   ● = Possible   ○ = Possible with Adapter

QUICK ACCESSORY SELECTION GUIDE CONTINUED

Line Lasers			Rotary Lasers					Optical	
GLL 2-80	GLL 3-50	GLL 150 ECK	GRL 500 H	GRL 400 H	GRL 300 HVG	GRL 300 HV	GRL 245 HVCK	GOL 32 / GOL26	
-	-	-	○	●	-	●	●	-	LR 1
-	-	-	-	-	●	-	-	-	LR 1 G
-	-	-	-	○	-	●	●	-	LR 30
-	-	-	●	-	-	-	-	-	LR 50
●	●	-	-	-	-	-	-	-	LR 2
-	-	●	-	-	-	-	-	-	LR 3
-	-	-	-	-	-	-	-	-	LR 6
-	-	-	-	-	-	-	-	-	LR 7
○	○	●	●	●	●	●	●	●	BT160
○	○	○	●	●	●	●	●	●	BT170HD
○	○	○	○	○	●	●	●	○	BT300HD
●	●	○	-	-	-	-	-	-	BT 150
●	●	○	-	-	-	-	-	-	BP350
○	○	●	●	●	●	●	●	●	GR 16
○	○	○	●	●	●	●	●	●	GR500
○	○	○	-	-	●	●	●	-	WM 4
●	●	●	-	-	-	-	-	-	BM 1
-	-	-	-	-	-	-	-	-	BM3
-	-	-	-	-	-	-	-	-	RM 1
-	-	-	-	-	-	-	-	-	RM 2
-	-	-	-	-	-	-	-	-	MM 2

● = Ideal   ○ = Possible   ○ = Possible with Adapter

MEASURING AND LAYOUT TOOLS





# ROTARY LASER RECEIVER

LR 50

## 2-IN-1 REMOTE CONTROL AND RECEIVER

Puts both tools in one device

### LARGE ILLUMINATED DISPLAYS

- ▶ Front and rear LCD
- ▶ Easy-to-read information

### REMOTE CONTROL AND RECEIVER KEYPAD

Is intuitive with only essential functions, keeping it simple and easy to use for one person operation

### CENTER LINE MODE

For automatic positioning of laser beam on receiver center, also identifies grade percentage from rotary laser



### LARGE LASER RECEPTION AREA

For faster and easier detection of the laser beam

### RELATIVE HEIGHT INDICATOR

Indicates height difference between laser beam and LR 50

### THEFT DETERRENCE

- ▶ Alarm sounds on both laser and receiver if rotary laser is moved
- ▶ Tool locks when receiver is undocked from rotary laser
- ▶ Unit is rendered inoperable without receiver

MEASURING AND LAYOUT TOOLS

## ROTARY LASER RECEIVER LR 50



EXTERIOR **825 ft**  
250 M

- ▶ Dual-Sided LCD Display—For easy visual readout on both sides of receiver
- ▶ LCD Arrow Display and Selectable Audio Signal—Gives clear high/low on-center position indication
- ▶ Relative Height Indicator—Quickly identifies distance between on-center position and laser beam
- ▶ Heavy-Duty Mounting Quick Removal Bracket Included—Attaches receiver to leveling rod, easy removal from mount cradle
- ▶ Remote Control and Receiver In One—All information about rotary laser status, settings and measurements is easily accessible
- ▶ Use the GRL 500 H to charge and operate as a remote control

### INCLUDES

Mounting Bracket

Specifications	
<b>Range</b>	825 ft.
<b>Accuracy (up to)</b>	±1mm / ±3mm / ±7mm
<b>LCD Display</b>	Dual-sided
<b>Audible Signal</b>	On High/On Low/Off
<b>Battery Type</b>	Lithium-Ion Integrated
<b>Operating Temperature</b>	14° F–122° F (-10° C–50° C)
<b>Dimensions</b>	6.0" × 3.0" × 1.5"
<b>Weight</b>	0.71 lbs.

Optional laser accessories available on pages 364–375.

# ROTARY LASER RECEIVER

## LR 1



**INTERIOR** **EXTERIOR**

- ▶ Dual-Sided LCD Display—For easy visual readout on both sides of receiver
- ▶ LCD Arrow Display and Selectable Audio Signal—Gives clear high/low on-center position indication
- ▶ Built-In Heavy-Duty Magnets—For secure attachment to metal surfaces
- ▶ Heavy-Duty Mounting Bracket Included—Attaches receiver to leveling rod
- ▶ Works with Bosch and most red-beam rotary lasers up to 600 rpm

**INCLUDES**  
Mounting Bracket  
9V Battery

Specifications	
Range (up to)	650 ft.
Accuracy	±1mm / ±3mm
LCD Display	Dual-sided
Audible Signal	On High/On Low/Off
Battery Type	9V battery
Operating Temperature	14° F–122° F (-10° C–50° C)
Dimensions	5.8" × 2.9" × 1.5"
Weight	0.44 lbs.

# ROTARY LASER RECEIVER

## LR 30



**INTERIOR** **EXTERIOR**

- ▶ Dual-Sided LED Indicator Lights—With high/low on-center and audible signals
- ▶ Built-In Heavy-Duty Magnets—For secure attachment to metal surfaces
- ▶ Heavy-Duty Mounting Bracket Included—Attaches receiver to leveling rod
- ▶ Works with Bosch and most red-beam rotary lasers up to 600 rpm

**INCLUDES**  
Mounting Bracket  
9V Battery

Specifications	
Range (up to)	500 ft.
Accuracy	±1.5mm / ±3mm
LED Indicators	Dual-sided
Audible Signal	On High/On Low/Off
Battery Type	9V battery
Operating Temperature	14° F–122° F (-10° C–50° C)
Dimensions	5.2" × 2.3" × 1.2"
Weight	0.40 lbs.

# EXTERIOR LASER RECEIVER

## LR 3

**NEW**



**EXTERIOR**

- ▶ Dual-Sided LCD Display—For easy visual readout on both sides of receiver
- ▶ LCD Arrow Display and Selectable Audio Signal—Gives clear high/low on-center position indication
- ▶ Built-In Heavy-Duty Magnets—For secure attachment to metal surfaces
- ▶ Heavy-Duty Mounting Bracket Included—Attaches receiver to leveling rod
- ▶ Works only with Bosch GLL 150 E Exterior Laser

**INCLUDES**  
Mounting Bracket  
(2) AA Batteries

Specifications	
Range (up to)	265 ft.
Accuracy	±1.5mm / ±3mm
LCD Display	Dual-sided
Audible Signal	On High/On Low/Off
Battery Type	(2) AA batteries
Operating Temperature	14° F–122° F (-10° C–50° C)
Dimensions	6.6" × 3.0" × 1.0"
Weight	0.45 lbs.

# GREEN-BEAM ROTARY LASER RECEIVER

## LR 1 G



**INTERIOR** **EXTERIOR**

- Same features as LR 1 above.**
- ▶ Works with Bosch and most green-beam rotary lasers up to 600 rpm

**INCLUDES**  
Mounting Bracket  
9V Battery

Specifications	
Range (up to)	500 ft.
Accuracy	±1mm / ±3mm
LCD Display	Dual-sided
Audible Signal	On High/On Low/Off
Battery Type	9V battery
Operating Temperature	14° F–122° F (-10° C–50° C)
Dimensions	5.8" × 2.9" × 1.5"
Weight	0.44 lbs.





LINE LASER RECEIVER  
LR 2



INTERIOR EXTERIOR

- ▶ Dual-Sided LCD Display—For easy visual readout on both sides of receiver
- ▶ Indicator Lights and Audible Detection Signal On/Off—For ease of use in various jobsite conditions
- ▶ Built-In Heavy-Duty Magnets—For secure attachment to metal surfaces
- ▶ Heavy-Duty Mounting Bracket Included—Attaches receiver to leveling rod

**INCLUDES**  
Mounting Bracket  
9V Battery

Specifications	
<b>Range (up to)</b>	165 ft.
<b>Accuracy</b>	±1mm / ±3mm
<b>LCD Display</b>	Dual-sided
<b>Audible Signal</b>	On High/On Low/Off
<b>Battery Type</b>	9V battery
<b>Operating Temperature</b>	14° F–122° F (-10° C–50° C)
<b>Dimensions</b>	5.9" × 2.9" × 1.6"
<b>Weight</b>	0.44 lbs.



LINE LASER RECEIVER  
LR 6

**NEW**



INTERIOR EXTERIOR

- ▶ Dual-Sided LED Indicator Lights—For easy readout on both sides of receiver in various jobsite conditions
- ▶ Quick Release Mounting Bracket Included—With slide in tool connection to attached receiver to leveling rod
- ▶ Built-In Heavy-Duty Magnets—For secure attachment to metal surfaces

**INCLUDES**  
Mounting Bracket  
(2) AAA Batteries

Specifications	
<b>Range (up to)</b>	165 ft.
<b>Accuracy</b>	1/32" Fine; 1/8" Medium
<b>Magnets</b>	Yes (2)
<b>Reception Area Length</b>	2"
<b>Battery Type</b>	(2) AAA batteries
<b>Operating Temperature</b>	14° F–122° F (-10° C–50° C)
<b>Dimensions</b>	4.8" H × 1.0" W × 2.7" L
<b>Weight</b>	0.26 lbs.



## LINE LASER RECEIVER LR 7

**NEW**



**INTERIOR | EXTERIOR**

- ▶ LCD Display—For easy visual readout of laser line and position indication
- ▶ Large Three-Inch Reception Area—For fast detection of laser line
- ▶ Quick Release Mounting Bracket Included—With slide in tool connection to leveling rod
- ▶ Built-In Heavy-Duty Magnets—For secure attachment to metal surfaces

**INCLUDES**  
Mounting Bracket  
(2) AA Batteries  
Belt Pouch

Specifications	
<b>Range (up to)</b>	165 ft.
<b>Accuracy</b>	1/32" Fine; 1/8" Medium
<b>LCD Display</b>	Yes (with back light)
<b>Reception Area Length</b>	3-1/4"
<b>Battery Type</b>	(2) AA batteries
<b>Operating Temperature</b>	14° F–122° F (-10° C–50° C)
<b>Dimensions</b>	5.9" H × 1.1" W × 2.9" L
<b>Weight</b>	0.33 lbs.





# HEAVY-DUTY ALUMINUM ELEVATOR TRIPOD

BT300HD

MEASURING AND LAYOUT TOOLS



**IDEAL FOR  
ROTARY LASERS  
ON THE JOBSITE**

**UP TO 20" OF  
ADJUSTABLE HEIGHT**  
Plus additional 25" of  
height range available  
with extension column  
for a total height range  
of 110"

**COLLET LOCKS**  
Provide firm, positive  
locking action

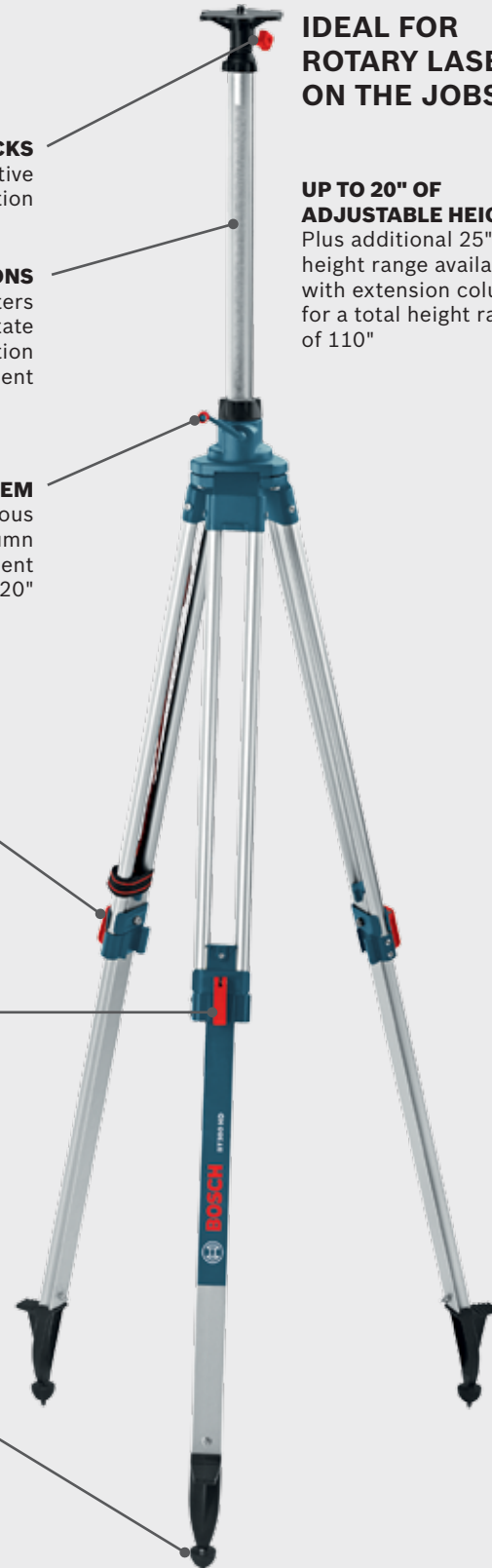
**PRECISE GRADUATIONS**  
In centimeters/millimeters  
and feet/inches to facilitate  
precise changes in elevation  
of the instrument

**GEAR AND RACK SYSTEM**  
For smooth, continuous  
motion with main column  
height adjustment  
range of 20"

**LIGHTWEIGHT, HEAVY-GAUGE  
ALUMINUM DESIGN**

**QUICK-CLAMP RELEASE**

**ALL-SURFACE  
RUBBER FEET**  
With retractable  
sharp metal points



# HEAVY-DUTY ALUMINUM ELEVATOR TRIPOD

## BT300HD

INTERIOR EXTERIOR **110 in**  
279 CM\*



- ▶ Lightweight, heavy-gauge aluminum design
- ▶ Quick-Release Tripod—With two-section adjustable center column
- ▶ Collet Locks—Provide firm, positive locking action
- ▶ Main Elevator Column is Graduated in Centimeters/Millimeters and Feet/Inches—To facilitate precise changes in elevation of instrument

### INCLUDES

Heavy-Duty Poly Webbing Shoulder Strap

Specifications	
Head Type	Flat, elevator
Clamping Style	Quick clamp
*Extended Height	110"
Closed Height	47"
Thread Mount	5/8"-11
Weight	16.0 lbs.

# HEAVY-DUTY ALUMINUM TRIPOD

## BT170HD

INTERIOR EXTERIOR **65 in**  
170 CM\*



- ▶ Lightweight Heavy-Gauge Aluminum Design—With double-banded legs for added stability
- ▶ Electrostatic, Powder-Painted Casting—For a durable and long-lasting finish
- ▶ Screwed hinges for more stability
- ▶ 5/8"-11 Thread-Stud, Flat-Head Tripod—Universal with string hook for plumb bob

### INCLUDES

Heavy-Duty Poly Webbing Shoulder Strap

Specifications	
Head Type	Flat
Clamping Style	Quick clamp
*Extended Height	65"
Closed Height	42"
Thread Mount	5/8"-11
Weight	12.0 lbs.

# ALUMINUM CONTRACTOR TRIPOD

## BT160

INTERIOR EXTERIOR **63 in**  
160 CM\*



- ▶ Lightweight aluminum design
- ▶ Electrostatic Powder-Painted Casting—For a durable and long-lasting finish
- ▶ 5/8"-11 Thread-Stud, Flat-Head Tripod—Universal with string hook for plumb bob

### INCLUDES

Heavy-Duty Poly Webbing Shoulder Strap

Specifications	
Head Type	Flat
Clamping Style	Quick clamp
*Extended Height	63"
Closed Height	38"
Thread Mount	5/8"-11
Weight	9.0 lbs.



# COMPACT TRIPOD

## COMPACT TRIPOD

### BT 150



INTERIOR

**61 in**  
155 CM\*

- ▶ Extendable Height—To expand the tripod to work at different heights ranging from 22" to 61" with precise height adjustability using adjustment crank
- ▶ Steady Adjustable Aiming Base—Swivel, adjust and tighten product for steady measurement applications
- ▶ Compact and Lightweight—Collapsible legs and a weight of 2.0 lbs. make the tripod easy to store and transport
- ▶ 1/4"-20 Mounting Thread—Compatible with Bosch line lasers, point lasers and laser measures

#### INCLUDES

Detachable Mounting Base

Specifications	
Head Type	Swiveling
Clamping Style	Quick clamp
*Extended Height	61"
Closed Height	22"
Thread Mount	1/4"-20
Weight	2.0 lbs.

# ALUMINUM TELESCOPING LEVELING RODS

## ALUMINUM TELESCOPING LEVELING ROD (IMPERIAL)

### GR16



EXTERIOR

- ▶ Maximum Height Extended—16 ft. graduated in feet/inches/8ths
- ▶ Anodized Aluminum Sections—Imprinted with weather- and corrosion-resistant inks
- ▶ Injection-molded sectional joints and high-strength locking buttons
- ▶ Lightweight and durable aluminum alloy

Specifications	
Maximum Height	16 ft.
Graduations	Feet/inches/8ths
Sections	5
Section Clamping Style	High-strength locking buttons
Weight	4.5 lbs.

## ALUMINUM TELESCOPING LEVELING ROD (METRIC)

### GR500



EXTERIOR

- ▶ Grade I e-type metric rod
- ▶ Maximum Height Extended—Five meters graduated in meters/centimeters
- ▶ Anodized Aluminum Sections—Imprinted with weather- and corrosion-resistant inks
- ▶ Injection-molded sectional joints and high-strength locking buttons
- ▶ Lightweight and durable aluminum alloy

Specifications	
Maximum Height	5 m
Graduations	Meters/centimeters
Sections	5
Section Clamping Style	High-strength locking buttons
Weight	4.5 lbs.





# TELESCOPING POLE SYSTEM



## TELESCOPING POLE SYSTEM

BP350

### COMPLETE LINE LASER TOOL POSITIONING SYSTEM

Adds versatility to line or point laser

#### QUICK-SET MOUNTING CLAMP

For easy placement at virtually any height between floor and ceiling

**POLE RANGE OF 4.6 TO 11.5 FT.**

Laser tool not included

#### SWIVELING 1/4"-20 THREADED MOUNT

For attachment of line or point laser



#### TELESCOPING POLE WITH ANTI-SLIP SURFACE ON FOOT AND BALL

Has jointed head plate for secure placement at floor and ceiling

#### FAST AND EASY SETUP

Rotation of pole sections locks them into position



## TELESCOPING POLE SYSTEM

**BP350**

**INTERIOR**



- ▶ Complete Laser Tool Positioning System—Pole, clamp and tool mount all included
- ▶ Telescoping Pole with Anti-Slip Surface on Foot and Ball—Jointed head plate for secure placement at floor and ceiling
- ▶ Quick-Set Clamp—For easy placement at virtually any height between floor and ceiling
- ▶ Swiveling 1/4"-20 Threaded Mount—For attachment of layout laser

#### INCLUDES

Telescoping Pole  
Tool Mount  
Mounting Clamp

#### Specifications

<b>Height Adjustment Range</b>	4.6–11.5 ft.
<b>Mount Threading</b>	1/4"–20
<b>Max. Tool Weight</b>	4.4 lbs.
<b>Dimensions</b>	4.6–11.5 ft. height
<b>Weight</b>	5.5 lbs.



**BOSCH**  
Invented for life

# WALL MOUNT AND POSITIONING DEVICES



## WALL MOUNT

INTERIOR

### WM 4

- ▶ Positions Laser Tool on Wall—Mounts securely to ceiling trim using clip and clamping screw or using keyhole slots to position on wall
- ▶ Vertical Sliding Platform with Locking Device—Allows 6" height adjustment for secure and precise positioning
- ▶ 5/8"-11 Mounting Thread Holds Instrument in Position—Mount can be used in both horizontal and laydown vertical positions
- ▶ Attaches easily to most rotary lasers and line lasers with 5/8"-11 thread



## FLEXIBLE MOUNTING DEVICE

INTERIOR

**NEW**

### MM 2

- ▶ Conveniently clamps to multiple surfaces for quick and easy setup
- ▶ Clamping range from 1/2" to 2-1/4" to attach to many different surfaces
- ▶ Flexible neck for quick position change to set the laser line at the required height
- ▶ Fits all laser tools and cameras with 1/4" thread



## POSITIONING DEVICE

INTERIOR

### BM 1

- ▶ Microfine Height Adjustment System—For quick adjustment and secure locking of the working height
- ▶ Retractable Feet for Freestanding Use—For use as a mini tripod
- ▶ Multimounting Systems—Strong magnets, 5/8"-11 and 1/4"-20 thread, slots for screws or nails, raceways or optional straps
- ▶ Clip Attachment—For quick setup in ceiling grid applications



## MAGNETIC ROTATING MOUNT

### RM 1

- ▶ Strong magnets allow for quick, versatile positioning to metal surfaces or onto a ceiling clip
- ▶ 360° rotating base positions the vertical line and keeps the unit centered on the plumb points
- ▶ Detachable mount has a unique slide-in feature for fast tool attachment and easy manual positioning of laser lines
- ▶ Ideal for suspended ceilings, drywall, metal studs or floor applications



Specifications	
Mounting Thread	1/4"-20

## POSITIONING DEVICE

INTERIOR

### BM3

- ▶ Microfine Height Adjustment System—For quick adjustment and setup of the working height
- ▶ Clip Attachment—For quick setup in ceiling grid applications
- ▶ Retractable Feet—For freestanding use
- ▶ Multimounting System—Strong magnets and slots for screws or nails



Specifications	
Mounting Thread	1-4"-20
Max. Tool Weight	1.0 lb.

## MAGNETIC ROTATING MOUNT WITH FINE ADJUST

### RM 2

- ▶ Strong magnets offer quick, versatile positioning on metal surfaces or onto a ceiling clip
- ▶ Easy-to-use knob fine height adjustment
- ▶ 360° rotating base positions the vertical line and keeps the unit centered on plumb points
- ▶ Detachable mount has slide-in feature for fast tool attachment and easy manual positioning of laser lines

# REMOTE CONTROL, TARGETS AND GLASSES

## REMOTE CONTROL

### RC1

- ▶ Pocket sized
- ▶ Easy to operate
- ▶ Offers maximum one-person operation convenience
- ▶ Compatible with GRL 245 HV, GRL 300 HV and GRL 300 HVG



## MAGNETIC TARGET

- ▶ Used for interior view for walls and ceiling alignment
- ▶ Half reflective when laser is behind operator and half transparent when laser is in front of operator
- ▶ Available in red and blue



Item #	Description	For Use With
1608M00806	Red magnetic target	Red beam lasers
1608M00807	Blue magnetic target	Green beam lasers

## LASER GLASSES

- ▶ Provides enhancement of laser beam in bright-light conditions
- ▶ Available in red and green
- ▶ One size fits most



Item #	Description	For Use With
1608M0070J	Red laser glasses	Red beam lasers
1608M0070K	Green laser glasses	Green beam lasers

## LASER MEASURE ACCESSORIES

### VIEW ENHANCING TARGET, POUCH AND HAND STRAP

Item #	Description
2607001391	View enhancing target
1608M00905	Pouch
1608M00906	Hand strap



## GSL 2 SURFACE LASER ACCESSORIES

### TARGET PLATE AND REMOTE

Item #	Description
1608M0070H	Target plate
0601009C10	Remote control



# PRODUCT SAFETY INFORMATION

Laser products shown in this catalog have the following applicable safety labels referred to by their listed classification.

MEASURING AND LAYOUT TOOLS

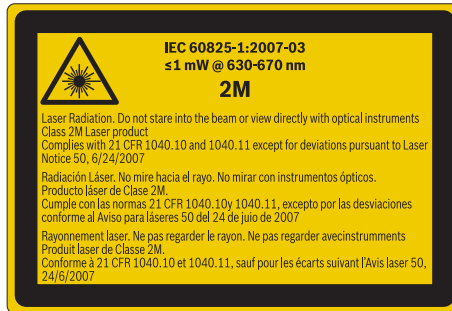


**IEC 60825-1:2014**  
**<1 mW @ 635 nm**  
**2**

Laser Radiation. Do not stare into the beam. Class 2 Laser product complies with 21 CFR 1040.10 and 1040.11 except for deviations pursuant to Laser Notice 50, 6/24/2007

Radiación Láser. No mire al rayo. Producto láser de Clase 2. Cumple con las normas 21 CFR 1040.10 y 1040.11, excepto por las desviaciones conforme al Aviso para láseres 50 del 24 de junio de 2007

Rayonnement laser. Ne regardez pas directement dans le faisceau. Produit laser de Classe 2. Conforme à 21 CFR 1040.10 et 1040.11, sauf pour les écarts suivant l'Avis laser 50, 24/6/2007

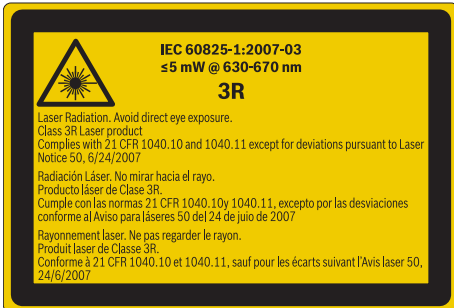


**IEC 60825-1:2007-03**  
**≤1 mW @ 630-670 nm**  
**2M**

Laser Radiation. Do not stare into the beam or view directly with optical instruments  
Class 2M Laser product  
Complies with 21 CFR 1040.10 and 1040.11 except for deviations pursuant to Laser Notice 50, 6/24/2007

Radiación Láser. No mire hacia el rayo. No mirar con instrumentos ópticos. Producto láser de Clase 2M. Cumple con las normas 21 CFR 1040.10 y 1040.11, excepto por las desviaciones conforme al Aviso para láseres 50 del 24 de junio de 2007

Rayonnement laser. Ne pas regarder le rayon. Ne pas regarder avec instruments Produit laser de Classe 2M. Conforme à 21 CFR 1040.10 et 1040.11, sauf pour les écarts suivant l'Avis laser 50, 24/6/2007



**IEC 60825-1:2007-03**  
**≤5 mW @ 630-670 nm**  
**3R**

Laser Radiation. Avoid direct eye exposure.  
Class 3R Laser product  
Complies with 21 CFR 1040.10 and 1040.11 except for deviations pursuant to Laser Notice 50, 6/24/2007

Radiación Láser. No mirar hacia el rayo. Producto láser de Clase 3R. Cumple con las normas 21 CFR 1040.10 y 1040.11, excepto por las desviaciones conforme al Aviso para láseres 50 del 24 de junio de 2007

Rayonnement laser. Ne pas regarder le rayon. Produit laser de Classe 3R. Conforme à 21 CFR 1040.10 et 1040.11, sauf pour les écarts suivant l'Avis laser 50, 24/6/2007



**IEC 60825-1:2007-03**  
**<5 mW @ 635 nm**  
**3R**

Laser Radiation. Avoid direct eye exposure. Class 3R Laser product  
Complies with 21 CFR 1040.10 and 1040.11 except for deviations pursuant to Laser Notice 50, 6/24/2007

Radiación Láser. No mirar hacia el rayo. Producto láser de Clase 3R. Cumple con las normas 21 CFR 1040.10 y 1040.11, excepto por las desviaciones conforme al Aviso para láseres 50, 24/6/2007

Rayonnement laser. Ne pas regarder le rayon. Produit laser de Classe 3R. Conforme à 21 CFR 1040.10 et 1040.11, sauf pour les écarts suivant l'Avis laser 50, 24/6/2007

**WARNING** This product contains lead, a chemical known to the State of California to cause birth defects and other reproductive harm.

**GLM 50 C and GLM 100 C**

**FC** This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:  
1.) This device may not cause harmful interference and  
2.) This device must accept any interference received, including interference that may cause undesired operation.

The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by [licensee name] is under license. Other trademarks and trade names are those of their respective owners.

App Store is a service mark of Apple Inc.  
Google Play is a trademark of Google Inc.

**Wallscanner D-tect™ 150**

**FC** This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:  
1.) This device may not cause harmful interference and  
2.) This device must accept any interference received, including interference that may cause undesired operation.

FCC ID: TXT-DTECT150A  
IC: 909H-DTECT150A

**GMS 120**

**WARNING**

To reduce the risk of injury or property damage, read the instruction manual. Under certain conditions, detector may not identify all objects. Wood detection mode may indicate water-filled pipes. Shut off services before drilling, cutting, etc., into walls.