



LASER Levelling Technology LASERBOY II

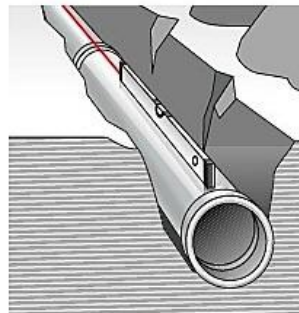
Clamp-on laser unit for easy handling, which turns every spirit level or straight-edge with a profile of 18 – 24 mm width into a laser level. 2 brass knurled screws ensure a tight connection. The device has a vial of its own (mounting accuracy 0,5 mm/m). Thus the Laserboy II can also be used for stand-alone operation. The parallelism of the beam axis is 0,2 mm/m in relation to the bearing surface. A 3/8 inch thread allows attachment on a video tripod. High-impact glass fibre reinforced case. The LASERBOY II offers the option to use deflecting or beam splitting prisms. Delivery: in cardboard box or blister packed display card.

Technical Data:

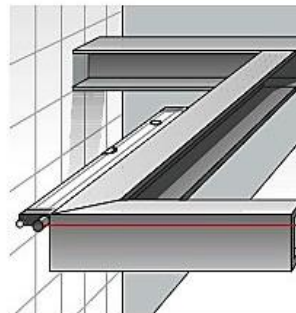
- Class 2, output < 1 mW
- Wavelength 670 nm
- Range approx. 30 m
- 2 x 1,5 V batteries (LR03 Micro)
- reverse battery protected
- 8 hours continuous light
- Dust and splash-water protected
- Dimensions L/W/H approx. 165 x 55 x 45 mm

Batteries are included in the scope of deliver.

Length	165 mm
Article N°.	649 015



Basic application possible without accessories



Accessories:

Beam deflecting prism and adapter. For basic application: setting up right angle
 Article N°. 708 19 52



Accessories:

90° beam splitting prism
 90 % of the light are deflected by 90°, 10 % are emitted alongside the beam axis.
 Accuracy 0,15 mm/m
 Article N°. 7081955

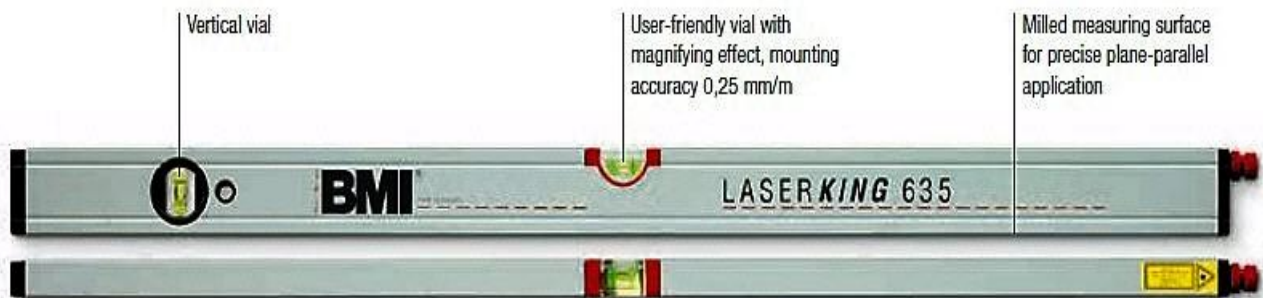


Vial for precise alignment in stand-alone operation

2 brass knurled screws ensure tight connection

Laser level

LASERKING



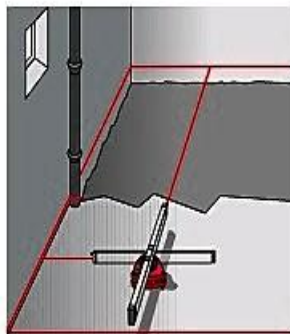
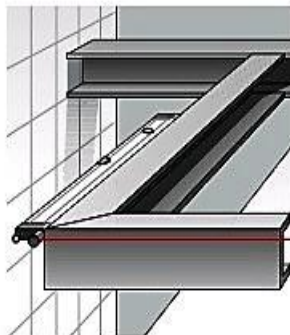
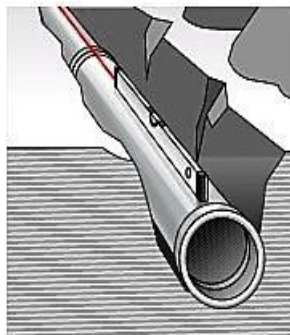
Laserking 635:

Laser level made of aluminium profile, grey powder coating, with milled measuring surface. Laser wavelength 635 nm. The laser module is designed for use on the construction site and has therefore been cast into the aluminium profile. The parallelism of the beam axis is 0,1 mm/m in relation to the measuring plane. The mounting tolerance of the horizontal vial is 0,25 mm/m. All LASERKING models can optionally be used with deflecting or beam splitting prisms. A built-in magnetic system ensures safe fixing on the BMI levelling platform. Delivery: in sturdy, translucent two-part threaded plastic tube.

Technical Data:

- Class 2, output < 1 mW
- 635 nm wavelength
- Ranges approx. 50 m
- 2 x 1,5 V batteries (LR03 Micro)
- reverse batteries protection
- 8 hours continuous light
- dust and splash-water protected
- Length: 80 cm

Batteries are included in the scope of deliver



Basic application possible without accessories

Length in cm	80
Article N°.	650 080 635

Accessories:

Beam deflecting prism and adapter.
For basic application: setting up right angle!
Article N°. 708 19 52



Accessories:

90° beam splitting prism
90 % of the light are deflected by 90°, 10 % are emitted alongside the beam axis.
Accuracy 0,15 mm/m
Article N°. 7081955



Accessories:

Compact levelling platform.
For basic application: measuring horizontal plane!
Article N°. 711 329



3-BEAM-LASER

TORPEDO 3

- Time-saving precision laser tool.
- Robust aluminium casing.
- Strong magnets in the measuring surface.
- Easy to use.

- Blister pack, with levelling platform (not illustrated).
- Batteries included.

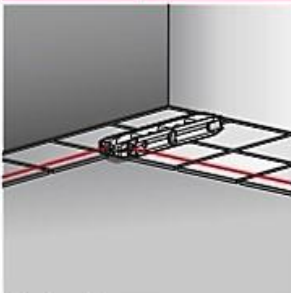
Article N°. 650 024 635 M-SET



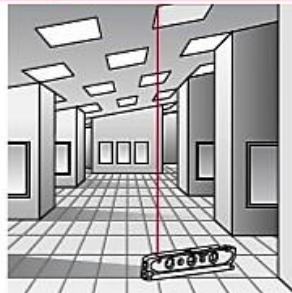
Applications

- Aligning tiles, shelves, cupboards, - adjusting windows and door frames.
- Grading elevations.

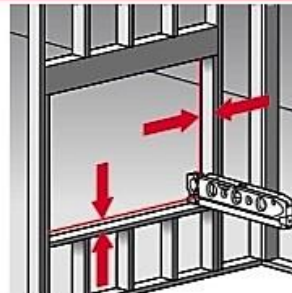
And it can help you do all the following ...



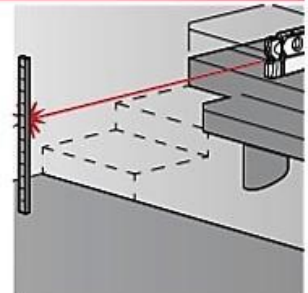
Aligning tiles



Plumb beam



90° angles



Grading elevations

Technical Data TORPEDO 3

Type of Laser	red diode laser, wavelength 635 nm
Output	laser class 2
Manual levelling	3 bubble vials
Levelling-platform	
Accuracy	± 6 mm/20 m
Range	up to 30 m
Power Supply	3 x 1,5 V batteries size AAA LR03A
Tripod connection size	1/4"

Operating temperature	-10° C to 50° C
Casing	dust, dirt and waterproof
Dimensions	240 x 25 x 45 mm
Weight	415 g

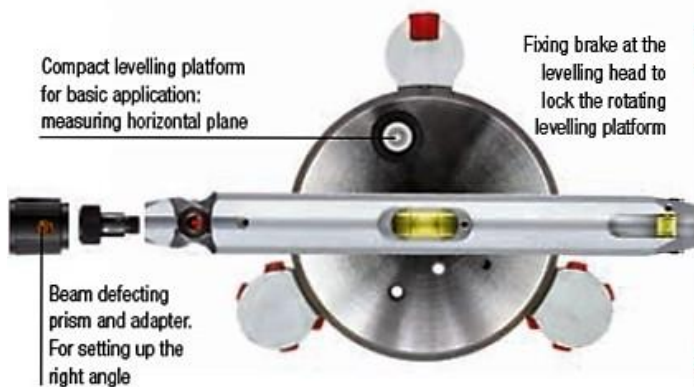
3-BEAM-LASER-SET

TORPEDO 3 levelling-set

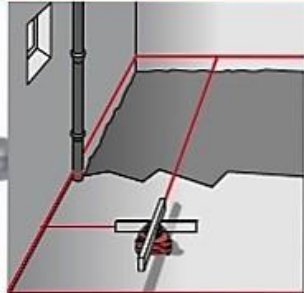
- TORPEDO 3.
- Rotating metal-levelling-platform.
- 90° angle prism.
- Laser enhancement spectacles.

- Plastic carrying case.
- Batteries included.

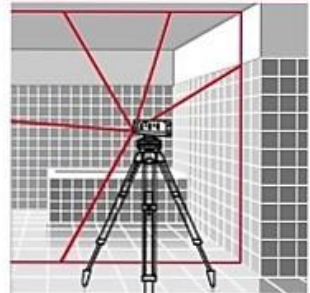
Article N°. 650 040 635 COMP



And it can help you do all the following ...



Reference markings



Vertical view



Set includes the following

- TORPEDO 3
 - 3-Beam-laser.
- Metal-Levelling-platform
 - For quick setting of horizontal lines.
 - Heavy, metal design.
 - Using on the floor or on a tripod.
- 90° angle prism
 - Pentagonal prism, deflects the laser beam by 90°.
- Laser enhancement spectacles
 - Making the laser dot clearly visible in unfavorable light conditions.
- Plastic carrying case
 - Dimensions 450 x 300 x 160 mm.
 - Set weight: 2,1 kg

Cross line and 5-beam laser
autoMAGIC

Ref.
654 KLP 5SP
654 KLP 5SP – Set
654 KLP 5SP – Z01



Self-levelling point and line lasers. With weight function up and down 5 same laser beams. Multifunction adapter with magnet and tripod threads 1/4 inches and 5/8 inches. Complete set in a carrying bag. Batteries included.

Legend

- 1- Multifunctional adapter with magnets and tripod thread
- 2- The pulsed laser lines provide for the use of the receiver (optional). Laser range (also outdoors) - to 50 m.

Applications

Self-levelling mechanism – eliminates set up time and guarantees accuracy by using a magnetically subduced pendulum.

Automatic out-of-level sensing – by blinking laser beam.

Locked line angle – take unit out of self-levelling mode and lock line in place allowing you to set unit at any angle.

Technical Data autoMAGIC

Type of laser: red diode laser, wavelength 635 nm
Output: Laser class 2
Levelling: fully automatic (pendulum)
Accuracy: Lines ± 3 mm/10 m
Range: up to 500 m (with receiver)
Power supply: 3 x 1.5 Volt Batteries Type AA LR6
Tripod connection size: 1/4 inch
Dimensions: 115 x 115 x 75 mm
Casing: dustproof, dirt-proof and waterproof

Technical data Adapter:

Tripod connection size: 1/4 inch and 5/8 inch
Fastening: Magnets, straps, tripod
Dimensions: 105 x 53 x 60 mm
Weight: Set 0.9 kg

Crossline Laser
autoCROSS 2

Ref.
654 7715/2



Self-levelling crossline laser. Horizontal and vertical lines can be switched on separately. Can be used as optical chalk line. Complete in a bag. Batteries included.

Legend

- 1- Super High Visibility Beams
- 2- An aperture angle of 140° vertical and 120° horizontal gives you extraordinary line lengths.
- 3- Multipurpose attachment accessory (45° angle)

Identification

Self-levelling mechanism – eliminates set up time and guarantees accuracy by using a magnetically subduced pendulum.

Automatic out-of-level sensing – by blinking laser beam.

Locked line angle – take unit out of self-levelling mode and lock line in place allowing you to set unit at any angle.

Multipurpose attachment accessory – with strong magnets, tripod mount and straps: set up 45° angles on all lines and rotate 360°.

Technical data autoCROSS2

Type of laser: red diode laser, wavelength 635 nm
Output: Laser class 2
Levelling: fully automatic (pendulum)
Self-levelling range: ± 4 °
Accuracy: ± 3 mm/10 m
Range: up to 30 m (based on brightness)
Power supply: 3 x 1.5 Volt Batteries Type AA LR6
Aperture angle: 140 ° vertical, 120 ° horizontal
Out-of-level indicator: blinking laser lines
Tripod connection size: 1/4 inch
Operating range: -10° C up to 50° C
Storage temperature: -20°C to 70°C
Dimensions: 110 x 54 x 90 mm
Technical data Adapter
Tripod connection size: 1/4 inch and 5/8 inch
Fastening: Magnets, straps, tripod
Swivel/tilt angle range: of 45° in all directions
Dimensions: 110 x 54 x 54 mm
Weight: Set 770 g

construction laser
uniLASER AHV

Ref.
64808 AHV-SET K2



Basic unit

As shown on the left, self-levelling, with axis division

Photodiode hand-held receiver

- to ensure optimum functioning of the laser within a working range up to a distance of 150 m
- LCD display for easy reading
- Acoustic and optical receiving signal

Remote control

Range up to approx. 20 m

The complete set with the practical carrying bag

- uniLASER AHV - Receiver with mounting bar
- Remote control - Charger (AC adapter)
- Replacement battery pack and batteries for receiver
- User Manual

Construction laser
topoMAT IPX5

Ref.
648 02N SET



Needs no more than one person to take care of levelling jobs: Efficient, automatic and safe in all situations. A universal levelling system for various jobs. The electronic inclination measure allows fast measuring of inclinations between 0 and 90 degrees. The angle measure is detachable and can be used solo. The topoMAT is also available without the inclinometer.

Precision and safety



Self-levelling, remote controlled construction laser for horizontal and vertical use with a set of up and down. Line-powered or accumulator is possible. Included: Photodiode hand-held receiver for a functionally reliable laser working range up to 150 meters with acoustic and optical receiving signal and LCD display for easy reading. The complete set in the carrying bag: uniLASER seniors, receiver with bracket bar, remote control, charger (AC adapter), instruction manual, spare battery pack for the receiver.

Legend

1 Robust plastic housing

2 shock protection with circumferential rubber damper



Rotary Laser Technical Data

- Type of laser: red diode laser, wavelength 635 nm
- Output: <1 mW, Laser class 2
- Self-levelling range: $\pm 5^\circ$
- Accuracy: $\pm 3 \text{ mm}/30 \text{ m}$
- Levelling time: typically <30 seconds
- Work area: -20°C to 50°C
- Range: 300 m in diameter with receiver
- Rotational speeds: 600 rpm

Rotary Laser Technical Data

- Power supply: line-powered or accumulator (Ni-MH) 4 x 1.5 V LR14
- Service life: 50 hours
- Protective system: Protection class IP 64, dust-and water-proof
- Tripod connection size: 5/8 inch
- Dimensions: 200 x 160 x 190 mm
- Weight: 2,5 kg

Technical data Receiver

- Range: 200 m
- Protective system: waterproof IP 67 compliant
- Power supply: 2 x 1.5 V, Batteries type LR14
- Operating period: depending on the degree of utilization

- As a result of the automatic self-levelling function with an accuracy of $\pm 2.6 \text{ mm}/30 \text{ m}$
- ESP - automatic laserstop function in case of impact or other changes of position!

LASER operating modes

- Rotation – with 600, 300 and 100 rotations per minute – to choose the optimum task-suited rotation speed!
- Line-mode – with settings of 15, 30, or 45 degrees – to create visible laser lines or different lengths especially inside buildings!
- Dot-line mode – to the right or left – optional for the slow or fast retracing of laser dots or laser lines – function can be enabled directly at the laser or via remote control!
- Permanent angle through the firmly connected beam splitting prism.

No time-consuming modification

Fast variable changing from horizontal to vertical operation with lockable 90° tilting joint.

Complete laser set comes in robust storage and transport case

- Rotating laser topoMAT IPX5 • Electronic inclinometer
- Remote control • Hand receiver • Wall bracket • Clamp for telescopic levelling staff
- Diagrammed operating manual • Batteries are included in the scope of delivery

RSP: The all-taken-care-of package

- 3-year-warranty • Original inspection included
- Quick help in case of defects

Technical Data topoMAT ipx5

- Type of laser: red diode laser, wavelength 635 nm
- Output: <1 mW, Laser class 2
- Self-levelling range: $\pm 4^\circ$ approximately corresponds to $\pm 6\%$
- Accuracy: $\pm 2.6 \text{ mm}/30 \text{ m}$ • Levelling time: typically <30 seconds
- Range: 300 m in diameter with receiver
- Rotational speeds: 600/300/100 rpm
- LLines 45° spreading: Scanning function with 15° , 30° and 45° spreading. Remote control. dot/line: slow and fast left/right
- Power supply 3 x 1.5 Volt batteries type LR20
- Operating period approx. 70 hours • Protection system IP55, rain-proof
- Tripod connection size 5/8 inch • Dimensions 200 x 200 x 250 mm
- Weight 2.3 kg

Technical data Remote Control

- Range: up to 50 m depending on position in direction of receiver lens
- Power supply: 9 V Block 6LR61
- Operating period: depending on the degree of utilization

Technical Data Receiver

- Range: approx. 200 m • Protection system: waterproof IP67 compliant
- Power supply: 2 x 1.5 Volt AA batteries LR6
- Operating period: depending on the degree of utilization