

Laserliner technology

AUTOMATIC LEVEL



Pendulum systems for automatic alignment of devices. The devices are set to their initial position and align themselves automatically in a matter of seconds.

SENSOR AUTOMATIC



Electronic vials and positioning motors controlled by temperature-stable sensors for automatic alignment of devices. The devices are set to their initial position and align themselves automatically.

lock



Transport LOCK: Units with "Automatic Level" are protected with a pendulum lock during transport. A special motor lock protects units with "Sensor Automatic".

ADS Tilt



Prevents erroneous or inaccurate measurements: Continuous monitoring of the alignment of the laser is activated 30 or 45 seconds after automatic levelling. Measurements will be suspended as a precaution if the device is disturbed unintentionally or moves due to the influence of external factors.

Laser 635 nm Laser 650 nm



The distance over which a laser is visible to the naked eye is determined by its wavelength. 635 nm lasers are 4 times brighter than 650 nm lasers. Accordingly, lower wavelengths mean higher quality.

Laser 532 nm



Green looks 12 times brighter than red. This makes possible applications on dark surfaces, over long distances and working even in very bright ambient light conditions. A red laser with a wavelength of 635 nm is used as reference for the difference in brightness.

Control



Device operation is made easier by infrared remote controls. Furthermore, measurement results are bound to be reliable, since the position of the measuring tools does not change.

magnetic



For many measuring tools, the key to optimum working is magnetic adhesion. This leaves the hands free to complete other tasks.

HIGH SPEED



The receiver speeds up response times - rapid detection accelerates work rates.

Spotlite Marking



The SpotLite function – a projected light beam at the height of the laser beam – makes precise marking easy and prevents parallax errors.

IP 54 IP 66 IP 67



Protection against dust and water – The measuring tools are characterised by specific protection against dust and rain.

RX-READY



RX-READY technology enables line lasers to be used even in unfavourable light conditions. The laser lines pulsate at a high frequency (10 kHz) and this can be picked up by special laser receivers over long distances.

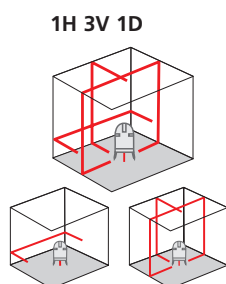
Crossline-Laser

The space grids show the number and direction of laser lines.

H = Number of horizontal lasers

V = Number of vertical lasers

D = Downward plumb laser (downpoint)



Rotarylaser

The space grids show the laser levels and functions.

1. Horizontal levelling

2. Vertical levelling

3. Slope function

4. 90° angle

5. Plumb function

6. 90° reference function

auto: Automatic alignment

man: Manual alignment

