

## 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

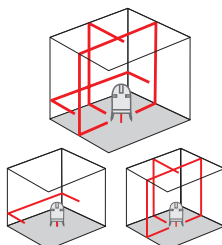
The space grids show the number and direction of laser lines.

**H** = Number of horizontal lasers

**V** = Number of vertical lasers

**D** = Downward plumb laser (downpoint)

### 1H 3V 1D



### 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

