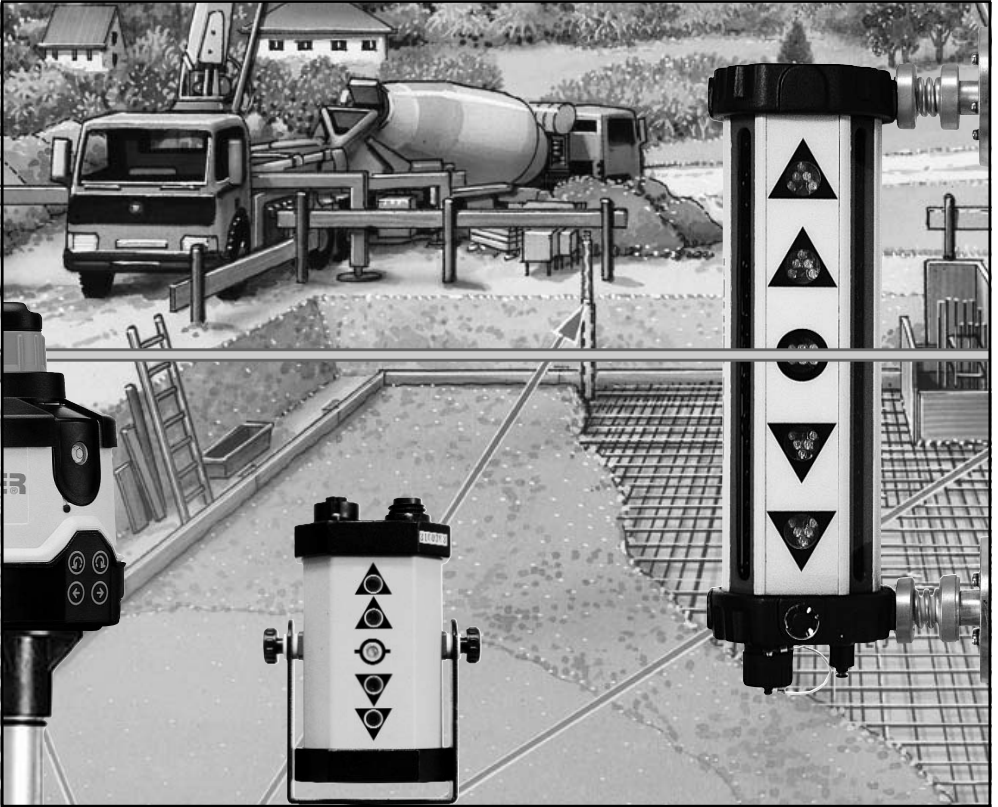


# SensoPilot Pro



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## SensoPilot Pro

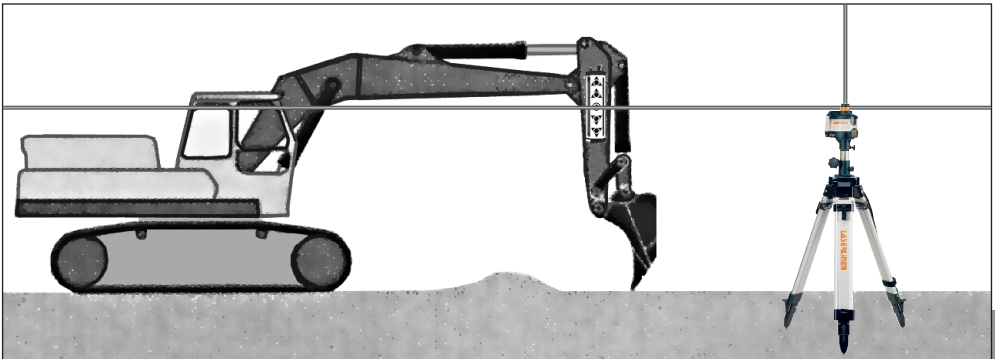
Laser receiver for steering construction machines. In combination with a rotation laser, the SensoPilot is used for continuous level/height monitoring. Through four 25 cm laser receiver units, the laser beam can be received in a radius of 360°. The laser level is indicated by large, very easily visible LEDs. Range: 200 m. Highly robust waterproof and dustproof housing with powerful magnets for fixing to the machine.

**Includes:** Integrated rechargeable battery, battery charger, 12/24V battery cable and carrying case.

## Remote display for SensoPilot Pro

The remote display allows the reference height to be viewed direct from the driver's cab of the construction machine. It therefore ideally supplements the SensoPilot laser receiver. Highly robust design with mounting base and waterproof and dustproof housing.

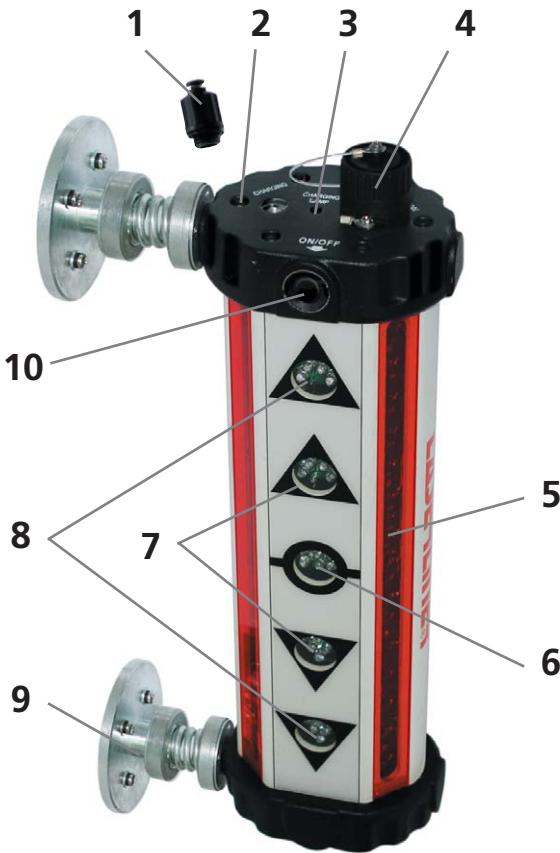
**Includes:** Connection cable for SensoPilot.



## Warranty:

The warranty period is 2 years from the date of purchase. The warranty covers all material or manufacturing defects occurring during this time. The following are excluded from warranty: Damage due to improper use (e.g. operation with wrong type of current/voltage, connection to unsuitable power source, fall onto hard surface, etc.) or improper storage, normal wear and tear, and defects which only insignificantly impair the value or suitability for use. Any tampering by unauthorised persons will render this warranty void. In the event that you need to claim warranty, please take the complete device together with all information and the invoice to one of our dealers or send it in to Umarex-Laserliner.

# SensoPilot Pro



## Remote display for SensoPilot Pro



- 1 Cover for charger socket
- 2 Charger socket
- 3 LED charge display
- 4 Socket for SensoPilot - remote display connection cable OR 12/24V battery cable
- 5 Laser beam receiver fields
- 6 LED laser height display (green)
- 7 LED laser height display (red)
- 8 LED laser height display (red)

- 9 Magnets for fixing to building machine
- 10 ON / OFF switch  
Precision selection
- 11 LED laser height display
- 12 Socket for SensoPilot - remote display connection cable
- 13 Socket for 12/24V battery cable
- 14 Fixing bracket
- 15 Securing screw for fixing bracket

## Operation of SensoPilot Pro

### Power supply

- Before using the SensoPilot, ensure the batteries are fully charged.
- If LEDs 6 / 7 / 8 blink from inside to outside, the batteries need recharging. To do so, remove the cover of the charger socket (1) and connect the charger. Recharging takes approx. 15 hours.
- Alternatively, the SensoPilot can be operated from the battery of the construction machine via the 12/24V battery cable. To do this, plug the battery cable into the socket (4).
- When no laser beam is being received, the SensoPilot switches itself off automatically.

### Fixing the SensoPilot Pro

The powerful magnets (9) allow the SensoPilot to be fixed directly on the construction machine. Take care that the contact surfaces are clean and level so as to ensure that the magnets have a firm and reliable hold.

### Putting the SensoPilot into operation

Press the ON / OFF switch once; all the LEDs will flash briefly. The SensoPilot is now ready for operation. The large oblong receiver fields (5) recognise the laser beam, and the LEDs (6, 7, 8) indicate when the reference height is reached.

- Upper LEDs blinking: Move the SensoPilot upwards.
- Middle LED (6): The SensoPilot is at reference height.
- Lower LEDs blinking: Move the SensoPilot downwards.

### Precision select

Two levels of precision (HIGH and LOW) can be selected. Changeover between the precision levels is done using the On / OFF switch (10).

- HIGH: The inner LEDs (7) blink 3 times.
- LOW: The outer LEDs (8) blink 3 times.

### Switching off the SensoPilot

Press the ON / OFF switch (1) for about 3 seconds.

### Rotation laser

For generating a laser reference height, automatic rotation lasers with a high maximum rotation speed are best. Laserliner offers a wide range of suitable high-quality lasers, e.g. the AutoControl-Master ACM. However, rotation lasers of other makes can also be used. Ask your specialist dealer or UMAREX-Laser for advice. Additional information can also be found at [www.laserliner.com](http://www.laserliner.com).

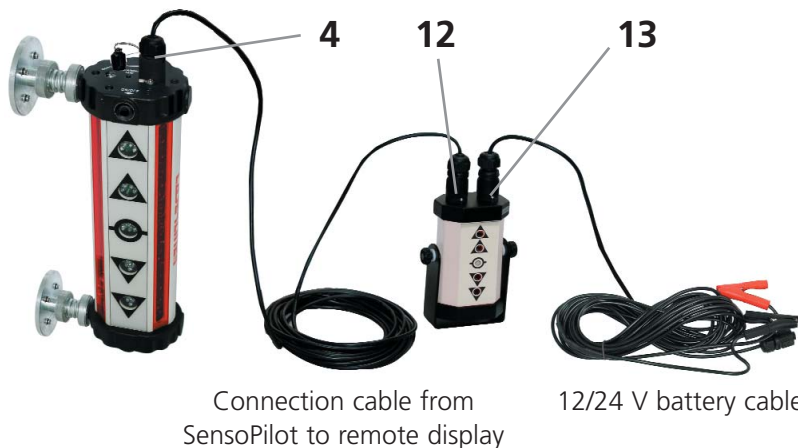
## Operation of remote display

### Power supply

- In the case of battery operation, power is supplied from the SensoPilot.
- For operation from the battery of the construction machine, connect the remote display (13) using the 12/24V battery cable, ensuring that RED is connected to the positive battery pole (+) and BLACK to earth (engine block). The SensoPilot is then also supplied with power via the connection cable - see illustration below.

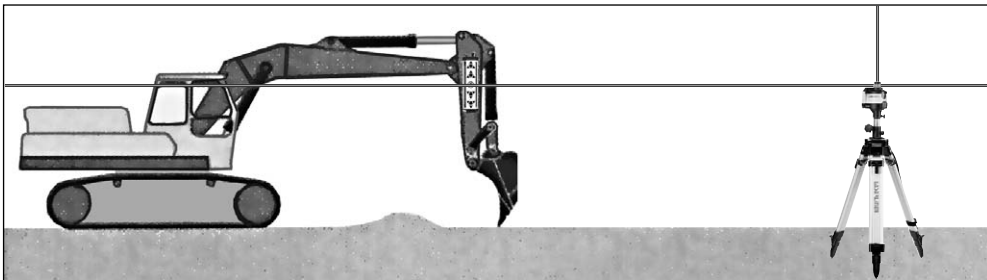
### Use of the remote display

The remote display allows laser reception of the SensoPilot to be monitored when this cannot be seen from the cab of the construction machine. In this case, connect the remote display (12) to the SensoPilot (4) using the connection cable and install the remote display in the operator's cab.



### SensoPilot Pro / Remote display

Precision HIGH / LOW	$\pm 2 \text{ mm} - \pm 10 \text{ mm} / \pm 5 \text{ mm} - \pm 23 \text{ mm}$
Battery / laser	7,2 V NiMh / 2500 mA
Battery operating time	approx. 40 hours
Charging time	approx. 15 hours
Working temperature	-20°C – +50°C
Dimensions	376 x 180 x 49 mm
Weight of SensoPilot / remote display	5 kg / 2 kg
Subject to change	12.2004



**D**

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Fax +49 2932 638-489

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Fax +49 2932 638-333

**NL**

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**DK**

## Service- og Postadresse

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