

## The new generation of leak pinpointing: Hybrid, GPS-based, Unique

### Features

- Correlation with up to 8 sensors at the same time
- GPS navigation directly to the leak
- Radio communication to sensors
- No staff needed for night measurement
- Risk-free measurement due to small sensors
- Correlation at the push of a button
- Unique pinpointing mode

### Description

Sealog Corr is the new generation of leak pinpointing. This hybrid form of a field correlator and a set of noise loggers combines the independent operation mode and the high number of the loggers' sensors with the correlators' ability to calculate the exact distance to the leak using the sound it makes. This form of leak detection allows the user to locate even the most difficult leaks quickly and precisely, thus saving valuable time and money. The unique pinpointing feature enables the operator to confirm correlations directly on site.

#### To the leak, please

One of the most remarkable features of Sealog Corr is the leak navigator. Just like a navigation system, the GPS-based leak navigator leads the user to the previously correlated leak position. During navigation, the position of the user is continuously displayed on the map so that he knows exactly in which direction he should go to reach the leak.

#### Get to the point

Sealog Corr's unique pinpointing feature enables the operator to use the sensors as ground microphones. Once the sensors are placed on the surface of the previously correlated position, they send the leak position via radio to the operator. No additional instruments are needed to confirm and pinpoint the leak properly.



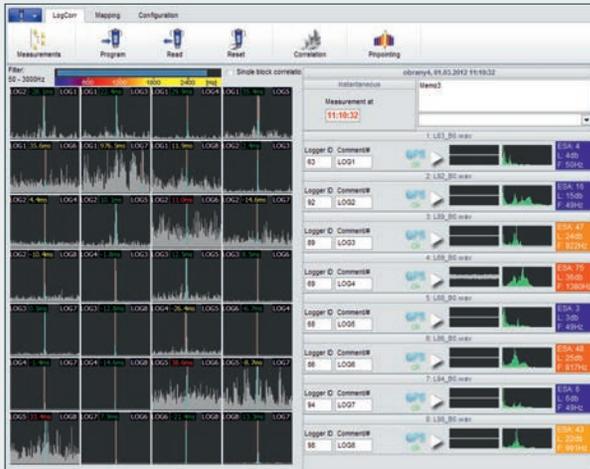
*The leak navigator guides the operator via GPS to the leak position.*



*The pinpointing mode shows which sensor is next to the leakage.*



## Sebalog Corr



The correlation of the recorded data is done automatically. All possible combinations of sensors are correlated and additionally extended by a quality indicator.

### Operator-free night shift

During the day, the surrounding noise can make leak location more difficult than at night. Since Sebalog Corr carries out night measurements self-dependently, even difficult leaks can be found much easier, and no extra working hours for the staff are necessary.

### Safety first

Due to their small size, Sebalog Corr's sensors fit even into the smallest valve chambers. The chamber lids can be closed during the measurement. Accident risks are thus eliminated, and measurements can be carried out with no additional protection for traffic or pedestrians.

### Boundless correlations

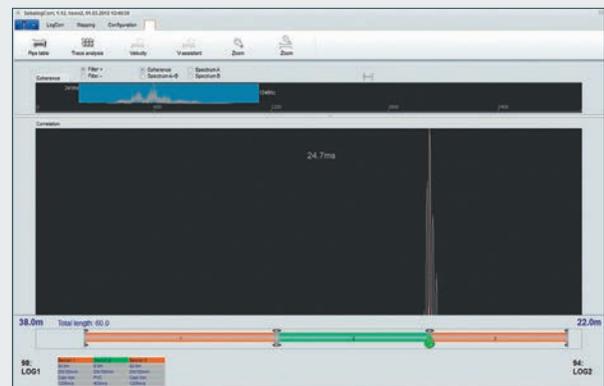
Sebalog Corr's sensors record correlation data self-dependently. Data readout is done after the measurement is finished. Active radio communication between the sensors and the correlator is not necessary during measurement. Therefore, the correlation range is not dependent on radio communication.

### Efficiency

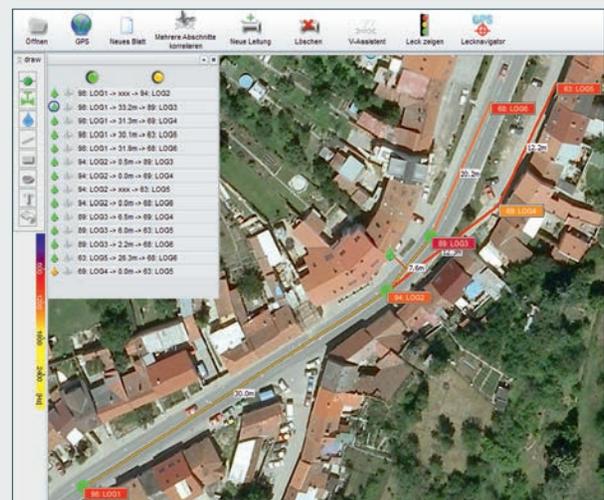
The high number of sensors enables the operator to cover a large area of the pipe network with one single measurement. Due to Sebalog Corr's new level of efficiency, pipeline surveys can be done quickly and precisely. Even multiple leakages can be located with one single measurement.

## Technical Data

Sebalog Corr	
Dimensions	115 x 45 mm Ø
Weight	400 g
Power supply	Internal Lithium battery
Operation time	> 5 years (when standard settings are used)
IP rating	IP 68
Operation temperature	- 20 °C ... + 60 °C
Radio output power	10 mW
Communications	Bi-directional radio
Sebalog Radio Interface (RI)	
Dimensions	80 x 47 x 17 mm
Weight	50 g
Power supply	USB
IP rating	IP 52
Operation temperature	- 10 °C ... + 50 °C
Communications	Bi-directional radio, USB



A single correlation menu offers tools for precise correlation.



The "show leak" feature displays all possible leak positions on the map.

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