

## BIDI Logger correlative



# FAST

### BIDI Logger Leak detection/Leak locating

- Bidirectional radio
- Programming through Tablet
- Correlative
- Audiofile recordable
- Extendable for monitoring system (Watercloud)

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## BIDI Logger

### Range of use

Water loss management in water distribution networks is more and more getting away from acute leak detection but becoming popular for monitoring through acoustical zone inspection. Thereby water leaks getting detected virtually in real time and can get repaired directly after they appear. Hence time consuming and costly leak surveys will be a thing of the past.

With the new BIDI loggers from F.A.S.T. is now a product on the market that ties in with this trend. Whether it gets used as a conventional monitoring system, or extended to a self transmitting monitoring network - the BIDI logger stick out with their very easy programming and with their unique functions. The possibility to correlate between two loggers who receive a leak noise, gives the operator already informations about the exact leak spot.

### Technical data

Bi-directional programming	Date and time
	Duration of measurement window
	Timing of measurement window
	Frequency of measurements
	Data transfer window
	Data transfer frequency
	Amplification factor for noise signal
	Transmission power

Data collection	Statistical minimum for previous measurement window
	Noise level of last 14 measurements
	Frequency spectrum
	Logger number
	Logger position
Readout	Audiofile

Correlation	2-point digital FFT- Correlation
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Transmitter power	10 mW
Frequency	433 Mhz
Connection/Port	Bidirectional radio
Dimension	Ø 40 mm
Weight	approx. 450 g
Amplification factor	200.000 fold
Protection category	IP 68
Temperatur Range	-15 °C to +55 °C

