SoundSens "i"

Correlating Noise Loggers

SoundSens is a unique leak localisation system combining sound logging and correlation into one simple to use, cost effective process. The new SoundSens "i" system of correlating loggers and software has been designed for high performance, versatility and speed of operations.

SoundSens is ideal for both sound logging survey work and accurate pinpointing of leaks via multi-point correlation. Operators can set up and download data without a PC if preferred. The unit can store up to a weeks survey data before downloading to a PC, thereby making field operations more flexible. Loggers are downloaded via infra-red signal and so there is no need for direct physical connection via wires. This makes deployment and downloading faster.

Two cases of loggers can be connected together to allow simultaneous programming and downloading of data from all loggers. This, combined with a USB connection for easy communication with a PC means that leak detection is quick and efficient.

The correlator pods can find leaks in complex interconnected pipe networks. The advanced digital accelerometer circuits and sophisticated mathematical processing provides clean signals even in difficult applications. The system can therefore be used on various pipe materials including Cast Iron, Cement and Plastic over relatively long distances.

SoundSens correlator pods are completely water proof, submersible and battery powered. They will also require no maintenance for at least five years. With a typical five year battery life, LCD screen with backlight and simple push button interface, the SoundSens "i" can be used at any time of the day or night.

KEY BENEFITS

- User can setup loggers and download data without using PC.
- Quick setup for day or night recordings.
- Custom recording setup available.
- Multiple downloads of data can be stored.
- USB communications with PC.
- Infra-Red wireless connection with loggers.
- Simultaneous communications with all loggers for fast recording setup and data download.
- LCD screen with backlight.
- Push button interface.
- Battery LED indicates when battery is running low.
- 5 year battery life for loggers.
- Two cases can link together to set up and download.

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