

FUJI WATER LEAK DETECTOR

LDR-20

EASIER to LISTEN, to USE and MORE COMPACT

Nowadays, the rate of aging of water pipes is increasing every year. Therefore, in order to prolong the service life of water pipes through maintenance and management, the importance of leak detection work is increasing more than ever before.

This LDR-20 leak detector is more sensitive and easier to hear the sound of a leak than the previous model. The LDR-20 can be found the leak points with the hearing sense and visual by link up with a dedicated App.



Patent No. 2020-74446

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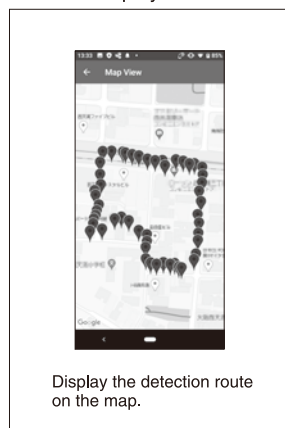
Features

- ① **About 7.5 times Higher Sensitivity**
Sensitivity is 7.5 times higher than conventional devices, and small leaks can be found more.
- ② **Various Filter Settings**
With various filter settings, it is possible to finely handle leak noises of wide range of sounds.
- ③ **Compact and Lightweight**
It is about half the size and 40% less weight than a conventional leak detector. As a result, it reduces the load for long-term leak detection work.
- ④ **Changeable Connecting Direction**
The operator can flip upside down the LCD display and change the direction of the connections for the pickup sensor etc. to either side by a simple operation.

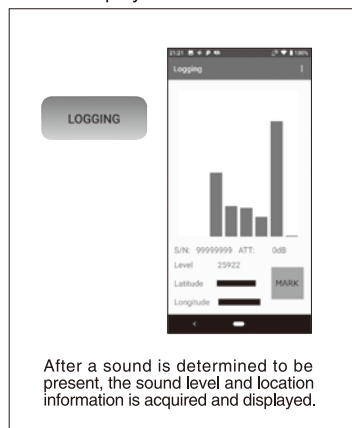
Mobile Phone (Android) App

Sound listening data can be recorded in conjunction with the mobile phone (Android) application.

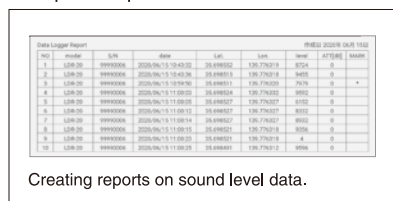
● Locus Display



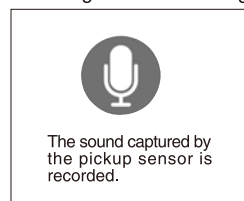
● Data Display



● Report Output



● Leakage sound recording



Standard Components

- | | |
|---|---|
| ① Main unit.....1 | ⑦ Dry cell alkaline battery(AA).....4 |
| ② Pick-up sensor with hand switch set...1 | ⑧ Connecting cable for mobile phone and main unit.....2 |
| ③ Soft case for main unit.....1 | ⑨ Carrying case.....1 |
| ④ Headphones(3.5mm connector)....1 | ⑩ Instruction manual.....1 |
| ⑤ Shoulder belt.....1 | ⑪ Warranty note.....1 |
| ⑥ Waist belt.....1 | |

※Mobile phone (Android) app <LDR-App>

■ Optional Item : 3-section contact rod with sensor table set.



Specifications

■ Main Unit

- Indication : Graphic LCD (with Backlight)
- Display Items : Signal level (bar graph), Filter value, Volume control, Battery life, Volume control, Limit level indication
- Manipulation : Power supply switch - 3 operation keys
- Setting Changeable Contents : Filter settings (55 kinds)
- Limit settings (4 stages impact sound mitigation filter)
- Backlight brightness settings (None, weak, medium, strong)
- Invert settings, Preset settings
- Filter: Setting Band Pass Filter with the following combinations
 - HPF (High pass filter) 8 levels-100 to 1200Hz
 - LPF (Low pass filter) 8 levels-400 to 5000Hz
- Frequency Range : 100 to 5000 Hz
- Output Connection : 3.5mm stereo x 2
- Power Supply : AA alkaline dry battery x 4 or Ni-MH rechargeable battery x 4
- Continuous operation time : over 40 hours (at backlight off and no signal)
- Operating temperature : -20 degrees to +55 degrees Celsius
- Protection Class : IP-54
- External dimensions : 160mm(W) x 40mm(D) x 105mm(H) - (Not include protrusions)
- Weight : 600g (exclude batteries)

■ Pick-up Sensor

- Sensor Form : Piezoelectric Accelerometer
- Protection Class : IP-67

The contents are subject to change without prior notice.



Instruments for the location of underground utilities and water leaks.

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