# FUJI WATER LEAK DETECTOR *LDR-20*

技术咨询和询价:010-68940148

### **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.





# **FUJI WATER LEAK DETECTOR**

## LDR-20

#### **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 longterm 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.

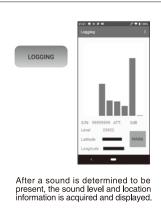
#### **Mobile Phone (Android) App**

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

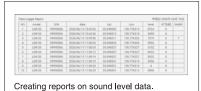
#### Locus Display



Data Display



#### Report Output



Leakage sound recording



The sound captured by the pickup sensor is

#### **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 4 Headphones (3.5mm connector) · · · · 1 (5) Shoulder belt ......1 10 Instruction manual .....1 6 Waist belt -----1 11) Warranty note ......1
- \*Mobile phone (Android) app <LDR-App>
- Optional Item: 3-section contact rod with sensor table set.



#### **Specifications**

#### ■Main Unit

: Graphic LCD (with Backlight) Indication

: Signal level (bar graph), Filter value, Volume control, Display Items

Battery life, Volume control, Limit level indication

Manipulation : Power supply switch - 3 operation keys

Setting Changeable: Filter settings (55 kinds)
Contents
Limit settings (4 stages) 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.

Head office : 2-20, Kanda Sakuma-cho, Chiyoda-ku, Tokyo 101-0025, Japan

URL: http://www.fujitecom.com/ E-Mail: overseas sales@fujitecom.co.jp

Branch office: Sapporo, Sendai, Tokyo, Shinetsu, Nagoya, Osaka

Hiroshima, Kyushu

Technical development & training center: Niiza

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