

# FUJI WATER LEAK DETECTOR

## *HG-10AII*

The new HG-10AII Water Leak Detector designed on ergonomics and upgraded on the HG-10 well-reputed among professionals.

All Keys have been arranged in the oblique lines faced to the hand of operator. The Large Control Knob is designed to be turned by a finger. The Large Meter deflects to be seen well and also indicates the residual power of Battery. The Amplifier of only 800g does not fatigue the operator on site.



Instruments for the location of underground utilities and water leaks.

**FUJI TECOM INC.**

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## HG-10AII

### FEATURES

- Ground Microphone(Pick-up)equipped with the characteristic ball to break wind noise, has high sensitivity. (U.S.A.Patent 5, 959, 210)
- Lightweight Hand-set of only 500g including the Pick-up minimizes fatigue during the leak detection work continued for many hours.
- Large Meter deflects sensitively and indicates clearly the intensity of leak sound.
- Ergonomic Keys and Knob arranged on the panel have been designed for the work by one-handed operation.
- Solidstate Component without leads is designed to minimize malfunction during the use of long time.

### FILTER COMBINATION

Nine(9)ways of Filter Combination are selectable as follows. Those Filtering Ranges enable the Operator to distinguish the leak sound from other noise.

| LOW                      |                          |                          | HIGH                     |                          |                          | Filter Combination |
|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------|
| 100                      | 200                      | 400Hz                    | 600                      | 800                      | 1200Hz                   |                    |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 100Hz ~ 600Hz      |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 100Hz ~ 800Hz      |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 100Hz ~ 1200Hz     |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 200Hz ~ 600Hz      |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 200Hz ~ 800Hz      |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 400Hz ~ 1200Hz     |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 400Hz ~ 600Hz      |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 400Hz ~ 800Hz      |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 400Hz ~ 1200Hz     |

### FILTER BAND WIDTH

The following four (4) Filter Band Widths are recommended as the basic selection on site.

| Pipes                                | Hz | 100 | 200   | 400   | 600   | 800   | 1200 |
|--------------------------------------|----|-----|-------|-------|-------|-------|------|
| Distribution Pipe of Cast Iron Pipe. |    |     | ⊙     | ----- | ----- | ⊙     |      |
| Distribution Pipe of Vinyl Pipe.     |    | ⊙   | ----- | ----- | ⊙     |       |      |
| Service Pipe of Vinyl Pipe.          |    |     | ⊙     | ----- | ----- | ⊙     |      |
| Service Pipe of Galvanized Pipe.     |    |     |       | ⊙     | ----- | ----- | ⊙    |



### STRUCTURE

- ① Amplifier ..... 1
- ② Hand-set with Sensor ..... 1
- ③ Headphones ..... 1
- ④ Soft Case for Amplifier ..... 1
- ⑤ Shoulder Belt ..... 1
- ⑥ Carrying Case ..... 1
- ⑦ Operation Manual ..... 1

### SPECIFICATIONS

#### (AMPLIFIER)

Amplification : 59.0dB±3dB  
 Filters : Low Range High Range  
 100Hz~ 600Hz~  
 200Hz~ 800Hz~  
 400Hz~ 1200Hz~

Operation Temperature : -10°C +55°C

Power Consumption : 70mA or less (Back Light ON)  
 35mA or less (Back Light OFF)

Power Source : UM-3 Dry Battery 1.5V×6pcs.(9V.DC)

#### (SENSOR / PICK-UP)

Sensitivity : 0.7V/g or more (at 400Hz)

#### (HEADPHONES)

Impedance : 8 ohm (Stereophonic Type)

#### (SIZE and WEIGHT)

Amplifier : 170(W)×70(D)×103(H)mm  
 1.3kg including the Hand-set and Sensor

We reserve the right to change specifications without prior notice.



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