

# AD21

## Professional Tools For Detecting Indoor Leaks



### Two Inspection Modes For Fast Leak Location

#### Quick Inspection Mode

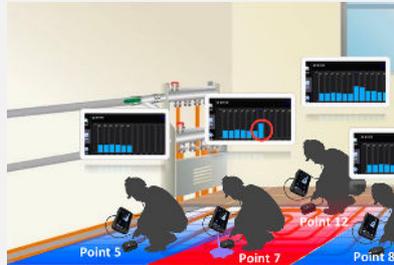
Quickly locate the scope of the leakage point, through real-time digital and image changes for investigation.

With three display modes: figure, bar chart and line chart, suitable for different users' habits.



#### Inspection Mode

Inspection mode can detect the floor and wall. Record the values of up to 12 areas. After finishing the inspection, AD21 will automatically determine the suspected leakage points, making the leakage detection work more accurate.



### Four Indoor Band Pass Filters

Through intelligent algorithms, AD21 is optimized for different sound bands in indoor leak detection scenarios, picking the right gear to quickly locate the location of the leak.

-  Indoor Low-frequency **150 to 3000Hz**
-  Indoor Mid-frequency **3000 to 6000Hz**
-  Indoor High-frequency **4500 to 7500Hz**
-  Indoor All-pass **150 to 7500Hz**



### Easy To Use, More Flexible Setting

7"LCD Touch Screen Display & Dual Wave Wheels



### High Quality Listening Experience

High-quality Noise-canceling Headset & Hearing Protection



### Durable And Rechargeable Batteries

Rugged & Durable Design with 11 Hrs. Continuous Runtime

## APPLICATIONS



Leak Under The Floor



Heating Pipes/  
Underfloor Heating  
Pipe Leaks



Water Supply  
Pipe Leakage/  
Water Pipe Leakage



Roofs And Walls,  
Water Seepage In  
The Ground



Fire Sprinkler  
System

## WHAT'S IN THE BOX



- Main Unit
- Handheld Sensor
- Pick-up Sensor
- Handle grip
- Headset
- Power Supply for Battery Charger
- International Use Plugs (US/EU/UK/AU) for Power Supply (x4)
- USB 2.0 A to USB Type-C Cable
- Pouch
- Quick Start Guide
- Calibration Certificate

| Model No         |   | AD21   |
|------------------|---|--|
| Acoustic         | Frequency Range   | 150~7500Hz   |
|                  | Signal Noise Ratio  | 60dB   |
|                  | Sensitivity   | -29dB,70mv/g   |
|                  | Sensor  | hand held sensor, Pick-up sensor   |
|                  | Band Pass Filters   | Indoor low-frequency 150Hz to 3000Hz<br>Indoor high-frequency 4500Hz to 7500Hz |
| Image Display    | Display   | 1024 × 600 Resolution, 7"LCD Touch Screen                                      |
|                  | Screen Brightness   | Manual/Auto  |
| General          | Storage Media   | Built-in EMMC(4GB)   |
|                  | Audio Storage Capacity                                      | Approx. 20 hours   |
|                  | Working Temperature Range                                   | -10 °C to 50 °C (14 °F to 122 °F)  |
|                  | Drop Test Height  | 1.2 m(3.93 ft.)  |
|                  | Battery Type  | Rechargeable Li-ion Battery  |
|                  | Battery Operating Time                                      | ≥11h   |
|                  | Battery Charging Time                                       | 3h to 90%,6h to full charge  |
| Protection Level | Main Unit:IP40; Hand held sensor:IP54; Pick-up sensor:IP66; |  |

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