



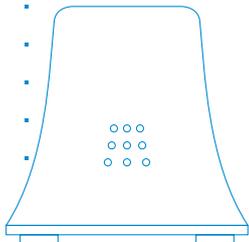
# Water Leak & Vibration Detector

- + Reliable with no false alarms + Solid gold-plated contacts
- + Cool, small, clever design + IP67 rated and transmitting while floating
- + Longevity over 10 years + Loud alarm buzzer
- + Movement or flip warning (accelerometer inside)
- + End of leak detection and reporting
- + Temperature threshold alarms (antifreeze, overheat)
- + Incredible radio performance



## Technical data:

- Operating life with daily heartbeat: 10 years
- Dimensions: 60x60x60 mm
- Weight: 45g
- Operating temperature: -25°C to +70°C
- Sigfox power radiation Class 0
- Documented payloads and remote configuration
- Primary lithium LiMnO2 Battery 1500 mAh
- Long shelf life (self-discharge rate less than 1% at 25°C)
- Wide temperature range
- Non-flammable electrolyte
- Compliant with IEC86-4 safety standard
- No transport restrictions
- Number of messages: 30 000



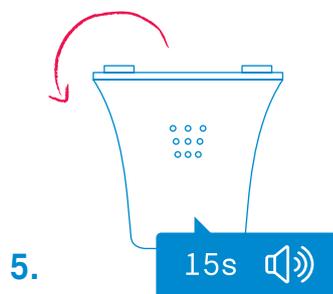
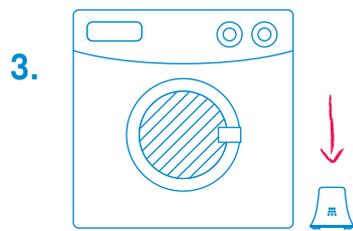
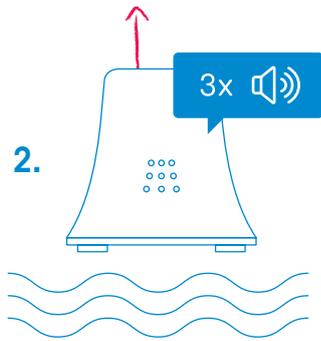
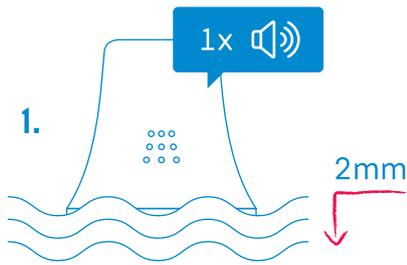
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by **Simple Hardware**  
and proudly produced  
in the Czech Republic

Available colours: white or custom

Branding and packaging available upon request

Full-featured demo platform [IOFrog.com](http://IOFrog.com) available

+ device is supported by tens of other platforms



## Activation

1. Put the device onto a water-filled plate (2+mm of water). The SimpleLeak will beep twice.
2. Remove from water. After 15 seconds, three short beeps announce that the device is armed.
3. Place the device to the area you would like to monitor.

## Alerts

4. - **After overturning or water leakage detection** you have 10 seconds (indicated by beeping) to fix the device before the appropriate alarm is sent. When there's no water leakage or displacement detected anymore, an end of event message is sent.
  - **Antifreeze alert** (around 3°C)
  - **Abnormal room temperature alert** (around 45°C)
  - **Very high temperature alert** (around 60°C)

## Deactivation

5. To turn the device off, hold it upside-down for 15 seconds. The device will continue to beep until it turns itself off and sends a deactivation message. In order to turn the device on again, please follow the steps for activation.

