



# LEAKalarm

Water Leak Detection

## Range Overview

# What is the greatest risk?

Despite the understandably significant resources spent on mitigating loss through fire, there is a much greater threat to business continuity, that of disruption to business and asset damage through water leaks.

Statistics show that the most likely cause of claims in blocks of flats, hotels, retail premises and commercial buildings is water damage. It is now a commonly accepted fact by UK insurers that water leakage is now the costliest and most common claim made by commercial customers with a total loss in the UK alone approaching £800 million.

The financial market is particularly sensitive to these potential losses with Data Centre outages costing such businesses an average of £12,000 per minute, hourly losses on the Stock Exchange of around £4.5 million and Credit Card Clearance around £1.8 million.

The cost to businesses due to water leakage can therefore be significant and it is not just the obvious cost of physical damage to IT and other electronic equipment, plant, fixtures & fittings, stock and the fabric of the building. Like fire damage, even a seemingly minor water leak can result in temporary relocation, resultant increased employment costs, significant business interruption and loss of profits.

## THE SOLUTION

The only way to mitigate the risk of water damage is to continuously monitor for water leaks. Risk assessment of potential water damage and the installation of water leak detection systems are being recommended by commercial insurers more often and is often a requirement for full cover.

Leading the way in water detection technology is the new LEAKalarm system from Hochiki. It includes both conventional and addressable solutions and is designed to be infinitely reliable, with many of its features also found in systems designed to ensure life safety.

## SUITABLE APPLICATIONS

The LEAKalarm system is adaptable to a broad range of environments and applications. From small, to very large areas, the cables and probes can be designed to fit almost any particular environment. LEAKalarm provides reliable, high sensitivity, water and leak detection in bespoke application specific installations. LEAKalarm is particularly useful in the following applications -

- ▶ Communications Sites
- ▶ Utilities infrastructure
- ▶ Data distribution sites / Data centres
- ▶ Warehousing
- ▶ Accommodation
- ▶ Records Storage
- ▶ Insurance
- ▶ Bathrooms / Wet Rooms
- ▶ Power Generation
- ▶ Cultural / Heritage Sites
- ▶ Portable Switch Rooms
- ▶ Museums
- ▶ Marine
- ▶ Hospitals & Healthcare



Hochiki is a wholly independent, multinational, publicly listed group of companies with over 2000 employees working across six manufacturing plants, 38 sales offices and 14 subsidiaries.

One of the world's leading manufacturers of commercial and industrial fire detection and emergency lighting solutions, Hochiki has acquired global acceptance as the benchmark for high-integrity and long-term reliability.



**91%**

*of customer reviews rated our product quality as "VERY GOOD" or "EXCELLENT"*

**88%**

*of our customers are extremely likely to recommend our products based on quality*

**92%**

*of our customers rated us as VERY GOOD or EXCELLENT.*

Statistics from the Hochiki customer service survey

Hochiki's facilities in Japan, the United States of America and Europe design and manufacture products and provide technical support suited to local standards and customer requirements.

Total commitment to meeting the needs of individual national markets has reinforced the company's global reputation, resulting in Hochiki products being installed in many prestigious sites and in over 80 countries worldwide.

  
World Class Leaders in Fire Detection Since 1918



Water Leak Detection

# Key features & benefits

## ADVANCED

Unlike other systems, LEAKalarm is fully customisable and configurable allowing connection to Building Management Systems (BMS) and a wealth of other vital supporting systems.

## 8 WAY RELAY MODEL AVAILABLE

Providing systems managers with the control to fully configure the alarm outputs. The 8-way board can be used to connect to devices that send out SMS text alerts, activate alarms or to connect LEAKalarm systems to BMS where water valves can be switched off, pumps switched on and much more.

## MEETING THE STANDARDS

Utilising fire alarm technology in the design of LEAKalarm provides the reliability and integrity of BRE approved fire detection systems, meaning there is virtually no risk of failure, downtime and significantly fewer false alarms.

## 24 HOUR MONITORING

LEAKalarm protects a company's building and assets year in year out and has the facility for 72 hour battery standby in the event of a power failure.

## LINEAR & POINT DETECTION

LEAKalarm is a flexible cable which will continuously monitor large areas. When even a small amount of water or moisture comes into contact with LEAKalarm it will trigger an alarm. Point detection is provided by Hydro-Probes, these are fixed to the floor and adjusted to give the required detection level and connected to the control panel via a junction box.

## A NEW STANDARD IN WATER LEAK DETECTION



### QUALITY

High quality products for the protection of marine type environments.



### LINEAR

Linear detection through its Leak Detection Wire



### POINT

Point detection through its Leak Detection Probe



### INTELLIGENT

Fully expandable & configurable addressable system





## LAAP-S-1

Addressable Control Panel



## LA-WLDM

Addressable Interface Module



## LAW-10

LEAKalarm Wire 10m/5m



## LA-WLDP

LEAKalarm Detection Probe



## LA-WLDM-EOP

Addressable End of Line Device



## HSVS

Alarm Activated Voice Sounder



## CHQ-ARI

Loop Powered Remote Indicator



## TRAINING AND SUPPORT

To increase client confidence and reduce the need for return site visits, full training and support is available from the team of experts at Hochiki Europe throughout all stages of the project, ensuring optimal results and the successful delivery of the LEAKalarm system.

## ACCESSORIES

Product Code	Description
LA-WLDP-H	Probe Height Adjustment Kit
LA-WLDP-DT	Probe Drip Tray Mounting Kit
LA-WLDP-C	Protection Cage for LEAKalarm Probe
LA-FX	LEAKalarm Cable Fixing Clips (bag of 100)
LA-FXSA	Fixing Clips for Leader & LA Cable (pack of 100)
LA-ZB1	Zone Breaker / Extension Lead 1m
LA-ZB3	Zone Breaker / Extension Lead 3m
LA-ZB10	Zone Breaker / Extension Lead 10m
HSCP-Bezel	Bezel for Semi-Flushing HSCP Panel to Wall

## PANELS

Product Code	Description
LAAP-S-1	Addressable Leak Detection Panel Single Loop
LAAP-S-2	Addressable Leak Detection Panel 2 Loop
LAAP-SPR	Addressable Leak Detection Repeater Panels

## ALARM & INDICATING EQUIPMENT

Product Code	Description
HY-WLSMC	Short Message Communicator via GPRS
HSSB1	Sounder / Beacon (White Sounder Blue Beacon)

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