

LEAKalarm

by HOCHIKI



A new standard in Water Leak Detection

Hochiki Australia, world leaders in fire detection manufacturing introduces a brand new standard in water leak detection to the Australian market, LEAKalarm, an innovative new fully monitored alarm and detection system providing protection from the greatest risk to buildings and managed facilities.

Statistics show that the most likely cause of insurance claims in blocks of flats, hotels, retail premises and commercial buildings is water damage.

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

LEAKalarm systems are designed to protect areas where water ingress could seriously damage electrical, communication and computer networks.

It continuously monitors for water leaks around the clock, and has the facility for up to 72-hours on standby in the event of a power failure. Commercial insurers are recommending risk assessment of potential water damage, as well as the installation of water leak detection systems to ensure full insurance cover and safety.

LEAKalarm is based upon world-proven life safety technology providing the same reliability and integrity as approved fire detection systems. This means there is virtually no risk of failure, downtime and a reduced likelihood of false alarms.

Key Features and Benefits

- **Programming for Effective Cause & Effect**
- **Fast Response**
- **BRE Approved Fire Detection System**
- **24 Hour Monitoring**
- **Linear & Point Detection**

How does it work?

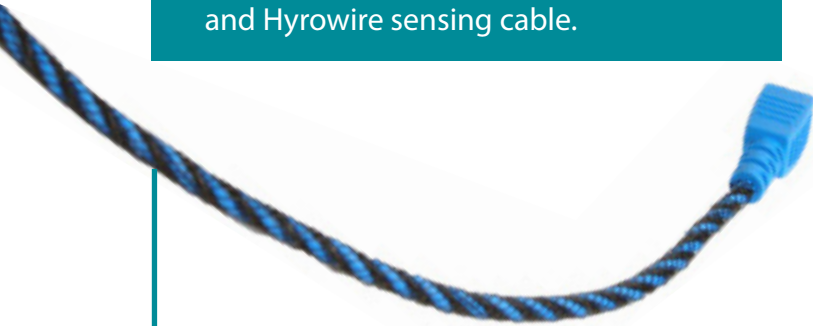
LEAKalarm is specially designed for immediate identification of water leaks that could be harmful to a building and the assets within.

Two forms of detection are available - floor or A/C drip tray mounted Probes and Hyrowire sensing cable.



LEAKalarm PROBE

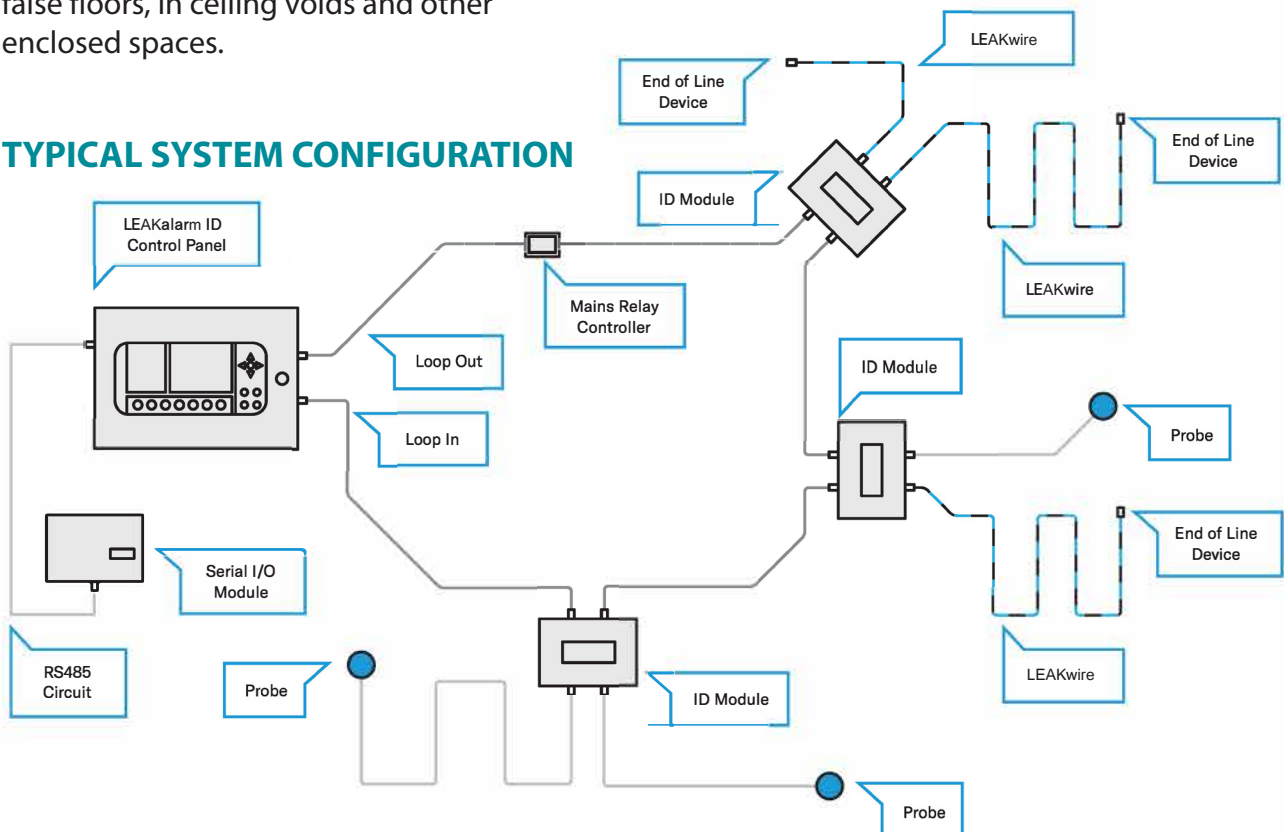
LEAKalarm Probes provide effective point detection on solid floors. These can be height adjusted with our Probe accessory and can also be adapted for use on A/C drip trays.



LEAKalarm WIRE

Supplied in 5 and 10 metre sections, LEAKalarm can be plugged together to form detection zones of up to 50 metres in length. This very responsive sensing cable is designed to be fixed under false floors, in ceiling voids and other enclosed spaces.

TYPICAL SYSTEM CONFIGURATION



Key Features and Benefits

Programming for Effective Cause and Effect

Leak detection probes and wires can be freely allocated to any zones. Zones can be grouped to trigger preconfigured outputs or relays. System logic can interpret leak scenarios and drive desired outputs.

Sophisticated Protocol

A dedicated two-wire protocol has been designed to provide power and data over a single pair of cables for high integrity systems. The protocol is designed to provide a fast response to water leak conditions, resilient to external interference. Importantly, a leak detected takes priority over any other data.

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

Applications

LEAKalarm is used to protect a diverse group of building types with a variety of different uses.

Data Centres

Data Centres house servers for hundreds of businesses in one room, containing essential information for their continued operation. Damage caused by unidentified water leaks could have devastating consequences.

Remote Sites

Many sites that handle communications, utilities infrastructure and data distribution are in remote locations, resulting in long delays before engineers can reach the site. Our Short Message Communicator means LEAKalarm can quickly signal water leaks to engineers via GPRS networks.

Underground Networks

Water damage to exposed network cables in tunnels could disrupt the function of buildings and wider infrastructure. LEAKalarm's comprehensive coverage keeps all areas continuously monitored.

Libraries / Archives

Containing priceless texts and legally protected documents, libraries and archives can be greatly impacted by water damage. Water detection systems provide broad coverage of areas prone to leaks, protecting priceless archives and valuable treasures.

Bathroom Flooding

Bathroom flooding is an ever-increasing problem, particularly due to trends towards multi-occupancy and high-density apartment buildings. Fitting LEAKalarm Probes in key locations will give early warning of flooding.

Domestic / Commercial Property

From apartment buildings to office complexes, even small water leaks have the potential to create tremendous damage if undetected. LEAKalarm zoning covers multiple rooms and floors, meaning any leaks are detected before they can spread to other areas.

Panels



LAAP-S-1
LEAKalarm Addressable Leak
Detection Panel - Single Loop



LAAP-S-2
LEAKalarm Addressable Leak
Detection Panel - 2 Loop

Accessories



LA-WLDM
LEAKalarm Addressable Interface
Module - Two Detection Zones



LA-WLDP
LEAKalarm Leak Detection
Probe - 1m Cable



LA-WLDM-EOL
LEAKalarm End of Line Device



LAW-05
LEAKalarm Wire 5m



LAW-10
LEAKalarm Wire 10m



HSVS
Water Leakage Alarm Activated
Voice Sounder



CHQ-ARI
Intelligent Loop Powered
Remote Indicator



LA-WLDP-H
Probe Height Adjustment Kit



LA-WLDP-DT
Probe Drip Tray Mounting Kit

Accessories cont.



STI-9615
Protection Cage for
LEAKalarm Probe



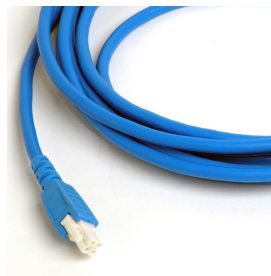
LA-FX
LEAKalarm Cable Fixing Clips
(bag of 100)



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



KM-FS-M2
Bezel for Semi-Flushing
LEAKalarm Panel to Wall

Alarm & Indicating Equipment



HY-WLSMC
Short Message Communicator
via GPRS



BEL-SBSB (BLUE)
Sounder/Beacon
(White Sounder Blue Beacon)