HOCHIKI®

WORLD CLASS LEADERS IN FIRE DETECTION SINCE 1918

CONTENTS

International Market Leader

Hochiki has a distinguished heritage of specialist technological expertise which has gained the group its international status as one of the world's leading manufacturers of commercial and industrial fire detection solutions. Established early in the twentieth century, Hochiki has remained an independent, multinational company which now employs over 1500 personnel in total, operating five manufacturing plants, thirty-one sales offices and eight subsidiaries.

World Proven Performance

With a heritage of innovative design and leading edge technologies, Hochiki's products have gained widespread acceptance as the benchmark for high-integrity and long-term reliability throughout the world.

Research and Development for Life Safety

Hochiki owns the world's largest, purpose-built, state of the art fire test laboratory. This ensures that the pedigree of Hochiki products remains unrivalled and guarantees that even large scale designs are fully proven in real fire conditions.

In addition, the Group employs over 100 specialist research and development engineers that undertake activities from fundamental research into the physical properties of fire, to hardware and software product design and development.

Delivery Quality

Acknowledged globally by system specifiers and integrators as an international market leader in the manufacture of fire products, the main benefits of using Hochiki products are:

- ▶ High quality of products ensure long term reliability
- ▶ Easy to install
- ▶ Open Protocol for choice and flexibility
- ▶ Reduced cost of ownership
- ▶ Virtual elimination of false alarms
- ▶ Compliance to standards

Types of Fire Detection Systems

Hochiki offers two types of systems; the analogue addressable fire alarm system and the conventional system, as well as a range of ancillary and test equipment.

Product Colour Key

Some products are available in a range of colours, and where appropriate, a colour swatch is shown next to these products denoting which colours are available. For example ⬤ denotes product available in ivory.

⬤	Ivory
⬤	White
⬤	Black
⬤	Transparent Black
⬤	Red

Hochiki Australia Pty Ltd. reserves the right to alter the specification of its products from time to time without notice. Although every effort has been made to ensure the accuracy of the information contained in this document it is not warranted or represented by Hochiki Australia Pty Ltd to be a complete and up-to-date description.

Hochiki's comprehensive Analogue Addressable range is suitable for even the most demanding applications and incorporates high performance sensors, a wide selection of input and output modules and ancillaries. All products use Hochiki's high integrity communications link.

ANALOGUE SENSORS FOR SYNCRO AS SERIES (ACTIVFIRE AFP-2761)

ALK-ASN

A Photoelectric Smoke Sensor incorporating Hochiki's unique High Performance Chamber which allows the sensor threshold level to be increased, thereby improving the signal to noise ratio and reducing susceptibility to false alarms.

- High Performance chamber
- Twin fire LEDs allow 360° viewing
- Locking mechanism (sensor to base)
- Variable sensitivity
- Electronically addressed
- Compatible Bases: YBN-R/3,
- YBO-BS, YBO-BSB, YBO-R/SCI
- Approval: AS7240.7

ACA-ASN

A Multi-Sensor incorporating a thermal element and a High Performance photoelectric smoke chamber. Has three modes controlled from the Control Panel, allowing either the optical or thermal element or both to be active in making the fire decision.

- High Performance chamber
- User selectable modes
- Incorporates Optical & Heat elements
- Twin fire LEDs allow 360° viewing
- Pulsing/non-pulsing controlled from panel
- Variable sensitivity
- Electronically Addressed
- Compatible Bases: YBN-R/3, YBO-BS, YBO-BSB, YBO-R/SCI
- Approvals: AS7240.5 & AS7240.7

ACB-ASN

A Multi-Heat Sensor incorporating a variable Fixed Temperature heat element and a Rate Of Rise heat element, both controlled from the Control Panel allowing either thermal element or both elements simultaneously to be active in making the fire decision.

- User selectable modes
- Incorporates Fixed Temperature and Rate Of Rise Heat elements
- Twin fire LEDs allow 360° viewing
- Pulsing/non-pulsing controlled from panel
- Electronically Addressed
- Compatible Bases: YBN-R/3, YBO-BS, YBO-BSB, YBO-R/SCI
- AS7240.5 Classes A1, B and C

ACB-ASNW

An IP67 Rated Waterproof Multi-Heat Sensor which can be used externally and is supplied with its own fixing base which is used to fix the sensor. Flying leads from the sensor connect directly to the loop via waterproof connectors.

- User selectable modes
- Incorporates Fixed Temperature and Rate Of Rise Heat elements
- Twin fire LEDs allow 360° viewing
- Pulsing/non-pulsing controlled from panel
- Electronically addressed
- IP67 rated
- Supplied with fixing base
- AS7240.5 Classes A1, B and C

ANALOGUE SENSORS FOR NFP, PHOENIX, FIRENET (ACTIVFIRE AFP-1355, 1373)

ALK-AS

A Photoelectric Smoke Sensor incorporating Hochiki's unique High Performance Chamber which allows the sensor threshold level to be increased, thereby improving the signal to noise ratio and reducing susceptibility to false alarms.

- High Performance chamber
- Twin fire LEDs allow 360° viewing
- Locking mechanism (sensor to base)
- Variable sensitivity
- Electronically addressed
- Compatible bases: YBN-R/2NA, YBO-BS, YBO-BSB, YBO-R/SCI
- Approval: AS7240.7

ACA-E

A Multi-Sensor incorporating a thermal element and a High Performance photoelectric smoke chamber.

- High Performance chamber
- Incorporates Optical & Heat elements
- Twin fire LEDs allow 360° viewing
- Variable sensitivity
- Electronically Addressed
- Compatible bases: YBN-R/2NA, YBO-BS, YBO-BSB, YBO-R/SCI
- Approval: AS1603.1 & AS1603.2

ACB-AS

A Multi-Heat Sensor incorporating a variable Fixed Temperature heat element and a Rate Of Rise heat element, both controlled from the Control Panel allowing either thermal element or both elements simultaneously to be active in making the fire decision.

- User selectable modes
- Incorporates Fixed Temperature and Rate Of Rise Heat elements
- Twin fire LEDs allow 360° viewing
- Electronically Addressed
- Compatible bases: YBN-R/2NA, YBO-BS, YBO-BSB, YBO-R/SCI
- Approval: AS1603.1. Class A, B, C and D

ACB-ASW

An IP67 Rated Waterproof Multi-Heat Sensor which can be used externally and is supplied with its own fixing base which is used to fix the sensor. Flying leads from the sensor connect directly to the loop via waterproof connectors.

- User selectable modes
- Incorporates Fixed Temperature and Rate Of Rise Heat elements
- Twin fire LEDs allow 360° viewing
- Electronically addressed
- IP67 rated
- Supplied with fixing base
- Approval: AS1603.1 Class A, B, C and D

TCH-B100

A Hand Held Address Programmer designed to address the range of Sensors and other addressable devices such as the YBO-BS Base Sounder. Designed to be light, robust and easy to use it operates from a single PP3 size 9v battery which can provide up to 8000 operations. *Shown with sensor fitted – not supplied.

- Lightweight design
- Quick and reliable addressing
- Up to 8000 address settings from one battery
- Displays sensor analogue value

YBN-R/3

A Common Mounting Base which is fully compatible with ALK-ASN, ACA-ASN and ACB-ASN sensors. Supplied with square cable clamps for secure and reliable cable termination and is also capable of driving a remote LED if required.

(Red version – YBO-R/3(RED) for use with CHQ-WS2 Wall Sounder and CHQ-WSB Wall Sounder Beacon)

- Electronics free
- Stainless steel contacts
- Takes 2.5mm^2 cables
- Slim profile - only 8mm
- Rugged wiring contacts
- Facility for remote indicator
- Quick Connection via square cable clamps
- Available in RED for use with CHQ-WS2 Wall Sounder & CHQ-WSB Wall Sounder Beacon

YBN-R/2NA

A Common Mounting Base which is fully compatible with ALK-AS, ACA-E and ACB-AS sensors. Supplied with square cable clamps for secure and reliable cable termination and is also capable of driving a remote LED if required.

- Electronics free
- Stainless steel contacts
- Takes 2.5mm^2 cables
- Slim profile - only 8mm
- Rugged wiring contacts
- Facility for remote indicator
- Quick Connection via square cable clamps

YBO-R/SCI

A Loop Isolator Base which is fully compatible with Hochiki analog Sensors, Beacons, Sounders and Indicators. The unit incorporates an amber LED to show when it is isolating a section of the loop.

(Red version - YBO-R/SCI(RED) for use with CHQ-WS2 Wall Sounder & CHQ-WSB Wall Sounder Beacon)

- Detects short circuits on loop
- Status LED
- Connection of up to 127 per loop
- Quick connection via square cable clamps
- Available as a DIN Rail Module
- Available in RED for use with CHQ-WS2 Wall Sounder & CHQ-WSB Wall Sounder Beacon

CHQ-WS2

An Addressable Loop-Powered Wall Sounder providing 8 volume levels and 51 tones with a maximum output of up to 102 dB(A) (±2 dB(A)) with low current consumption. Special bases available: YBO-R/3(RED), YBO-R/SCI(RED), YBO-R/3(WHT) and YBO-R/SCI(WHT-SNDR).

- Loop Powered
- Single Loop Address - addressed via the TCH-B100 Hand Held Programmer
- Variable Sound Output 90 ~ 102 dB(A) (±2 dB(A)) output at 1m
- Fits Hochiki Standard or Isolator Base
- Weatherproof Kit available
- 51 User-Selectable Tones (all tones EN54-3 compatible)
- Auto-shutdown Mode available*
  * Please ensure control panel compatibility

CHQ-WSB

An Addressable Loop-Powered Wall Sounder Beacon as per the CHQ-WS2 but additionally featuring an integral beacon within the horn which utilises high intensity LED technology. Special bases available: YBO-R/3(RED), YBO-R/SCI(RED), YBO-R/3(WHT) and YBO-R/SCI(WHT).

As per CHQ-WS2 plus:
- Variable flash frequency*
- High Intensity LED technology
- Independent control of Sounder and Beacon*
- Auto-shutdown Mode available - can be set independently for sounder or beacon*
  * Please ensure control panel compatibility

WS2-WPK

A Weatherproof Back Box and gasket set for the CHQ-WS2 Wall Sounder and the CHQ-WSB Wall Sounder Beacon, increases the IP Rating of the Sounder to IP65 for external use.

- Designed for CHQ-WS2 and CHQ-WSB
- Increases sounder IP Rating from IP21 to IP65 (external use)
- Easy to install

YBO-BS

An Addressable Loop-Powered Base Sounder providing 13 volume levels and 51 tones with a maximum output of up to 98 dB(A) (±2 dB(A)) with low current consumption. The unit is designed to fit either the YBN-R/3 or the YBO-R/SCI* Bases.

(*From batch number 6044)

- Loop Powered
- Single Loop Address - addressed automatically by Control Panel or via the TCH-B100 Hand Held Programmer
- 50 ~ 98 dB(A) (±2 dB(A)) output at 1m
- Fits Hochiki Standard or Isolator Base and supports ESP Sensors, Beacons and Remote Indicator
- 51 User-Selectable Tones (all tones EN54-3 compatible)

YBO-BSB

An Addressable Loop-Powered Base Sounder Beacon, providing 13 volume levels and 51 tones with a maximum output of up to 98 dB(A) (±2 dB(A)) with low current consumption. The unit is designed to fit either the YBN-R/3 or the YBO-R/SCI* Bases.

(*From batch number 6044)

- Loop Powered
- Single Loop Address, addressed by either Control Panel or TCH-B100
- 50 ~ 98dB(A) (±2 dB(A)) output at 1m
- Fits Hochiki Standard or Isolator Base and supports ESP Sensors, Beacons and Remote Indicator
- 51 User-Selectable Tones (all tones EN54-3 compatible)
- Beacon and Sounder can be controlled independently*
  * Please ensure control panel compatibility

CHQ-AB

An Addressable Loop-Powered Beacon, with high-intensity LEDs and a Fresnel lens design which produces a highly visible flash. The casing exactly matches the Hochiki Analogue Sensor range in shape and colour providing seamless integration.

- High Intensity LED technology
- 1 Hz flash frequency
- Addressable via TCH-B100
- Up to 127 devices per loop
- Choice of 3 lens colours (red, amber and blue)

CHQ-ARI

An Addressable Loop-Powered Remote Indicator, with high-intensity LEDs and a Fresnel lens design which produces a highly visible signal. The casing exactly matches the Hochiki Analogue Sensor range in shape and colour providing seamless integration.

- High Intensity LED technology
- Addressable via TCH-B100
- Up to 127 devices per loop

CHQ-POM

A Powered Output Module designed to supply a nominal 24 Vd.c at various, user-selectable current levels from 2 to 32 mA (in increments of 2 mA). The unit is small enough to be added to other third-party devices thereby allowing a range of equipment to be added to the Analog loop. The unit also features two monitored inputs.

- Supplies a nominal 24 Vd.c at various current levels, 2 mA to 32 mA in increments of 2 mA
- User-selectable current output
- Includes two monitored inputs
- Small design, provides simple connectivity to Analog loop for third-party devices
- Colour-coded flying leads for simple installation
- Addressed with TCH-B100 Hand Held Programmer
- Only compatible with Syncro AS series

CHQ-SIM

A Single Input Module designed to allow a single monitored input to be connected to the Analogue loop. This provides a compact, low-cost option where the installation of the larger CHQ 'Smart-Fix' Range of Modules might be difficult.

- Includes a single monitored input
- Small design for simple provision of a monitored input onto an analogue loop
- Flying leads for easy installation
- Addressed with TCH-B100 Hand Held Programmer
- Only compatible with Syncro AS series

CHQ-DIM(SCI)

A Dual Input Module designed to interface to a variety of inputs such as door contacts, sprinkler flow/door switches and plant equipment. Also available as a DIN Rail mountable version. Both models feature an integral short-circuit isolator.

- Loop powered
- Single loop address
- Two independent inputs for monitoring of volt-free contacts
- Each input can be configured to monitor either Normally Open or Normally Closed contacts
- DIN rail version available
- Both models feature an integral short-circuit isolator

CHQ-DRC(SCI)

A Dual Relay Controller designed to provide two general-purpose relay outputs, each output can be controlled independently and used to control dampers, plant and equipment shutdown. The monitored input can be used for local power supply fault monitoring or as a general-purpose input. Also available as a DIN Rail mountable version. Both models feature an integral short-circuit isolator.

- Loop powered
- Single loop address
- Two independently controlled changeover relays
- Relays contact rated at 30Vd.c. at 1 amp
- Auxiliary monitored input
- DIN rail version available
- Both models feature an integral short-circuit isolator

CHQ-DZM(SCI)

A Dual Zone Module designed to allow up to 60 conventional detectors (30 per zone) to be interfaced to Hochiki's Analogue addressable system. Also available as a DIN Rail mountable version. Both models feature an integral short-circuit isolator.

- Single loop address
- Supports two independent zones of conventional detectors
- Both zones fully monitored for Short/Open Circuit
- Requires an auxiliary 24Vd.c. supply
- DIN rail version available
- Both models feature an integral short-circuit isolator

CHQ-DZM (SCI)-IS

A Dual Zone Module which is fully compatible with Hochiki's analogue addressable protocol and I.S. equipment. The module will allow connection of up to 40 Hochiki I.S. conventional detectors (20 per zone) through a Galvanic isolator, which are then fully monitored for open and short circuit. Also available as a DIN Rail mountable version. Both models feature an integral short-circuit isolator.

- Single loop address
- Supports two independent zones of Hochiki I.S. Conventional Detectors
- Both zones fully monitored for short/open-circuit
- Requires an auxiliary 24Vd.c. supply
- DIN rail version available
- Both models feature an integral short-circuit isolator

CHQ-MRC(SCI)

A Mains Relay Controller providing a single, mains rated relay output for the control of such devices as dampers, extractors or plant and equipment shutdown. The monitored input can be used for local power supply fault monitoring or as a general-purpose input. Also available as a DIN Rail mountable version. Both models feature an integral short-circuit isolator.

- Loop-powered
- Single loop address
- Single mains rated relay contact
- Relay contact rated at 250Va.c. @ 5 amp (resistive) & 48Vd.c. @ 2 amp (resistive)
- Auxiliary monitored input
- Screw terminals & flying leads for easy cable termination
- DIN rail version available
- Both models feature an integral short-circuit isolator

CHQ-PCM(SCI)

A Plant Control Module with four independent change-over relay outputs, with N/O and N/C volt free contacts and four inputs. These outputs can be driven separately by the fire alarm control panel and can be used for the control of devices such as dampers or for plant and equipment shutdown. Also available as a DIN Rail mountable version. Both models feature an integral short-circuit isolator.

- Single loop address
- Loop powered
- 4 change-over relay outputs
- 4 independent inputs for monitoring of volt-free contacts
- Each input can be configured to monitor either Normally Open or Normally Closed contacts
- DIN Rail version available
- Both models feature an integral short-circuit isolator

CHQ-DSC(SCI)

A Dual Sounder Controller, which has been designed to provide two sounder outputs (that can be driven separately) with full fault monitoring. The monitored input can be used for local power supply fault monitoring or as a general-purpose input. Features an integral short-circuit isolator.

- Single loop address
- Two independent sounder circuits
- Each circuit fully monitored for Open and Short Circuit faults
- Each alarm circuit fused at 1 amp
- Auxiliary monitored Input
- Outputs are synchronised and can be driven continuously or intermittently
- 24Vd.c. auxiliary power required
- Features an integral short-circuit isolator

CHQ-SZM(SCI)

A Single Zone Monitor designed to allow up to 6 conventional detectors to be interfaced to Hochiki's analogue addressable system. Also available as a DIN Rail mountable version. Both models feature an integral short-circuit isolator.

- Loop powered
- Up to 6 Conventional Detectors
- Single loop address
- Remote LED output
- Fully monitored for Short and Open Circuit faults
- DIN rail version available
- Both models feature an integral short-circuit isolator

HCP-E(SCI)

A Manual Call Point Isolator fully compatible with Hochiki's analogue addressable protocol and featuring an integral short-circuit isolator (SCI). Features a bicoloured LED to indicate either fire (red) or short-circuit (amber). Also features plug-in wiring terminals for easy installation. Note - requires SR-BACKBOX if surface mounted (sold separately)

- Fast response
- Integral short-circuit isolator
- Bicolour status LED
- Non-frangible element fitted as standard (conforms to EN54)
- Addressed with TCH-B100 Hand Held Programmer
- Surface or flush mounting
- Weatherproof version available: HCP-W(SCI)

HCP-W(SCI)

An IP67 Weatherproof Manual Call Point Isolator fully compatible with Hochiki's analogue addressable protocol and featuring an integral short-circuit isolator (SCI). Features a bicoloured LED to indicate either fire (red) or short-circuit (amber). Also features plug-in wiring terminals for easy installation.

- Fast response
- Integral short-circuit isolator
- Bicolour status LED
- Non-frangible element fitted as standard (conforms to EN54)
- Addressed with TCH-B100 Hand Held Programmer
- IP67 rated

FIREwave®
WIRELESS FIRE DETECTION

Hochiki's FIREwave system raises wireless fire detection and alarm systems to new levels of reliability and flexibility. The system utilises the latest wireless technology to provide rapid, yet economic wireless fire system installations with the minimum of disturbance to the surroundings. Ideal for historic buildings, remote sites and any project where the installation of fire cabling is difficult, overly expensive or prohibited.
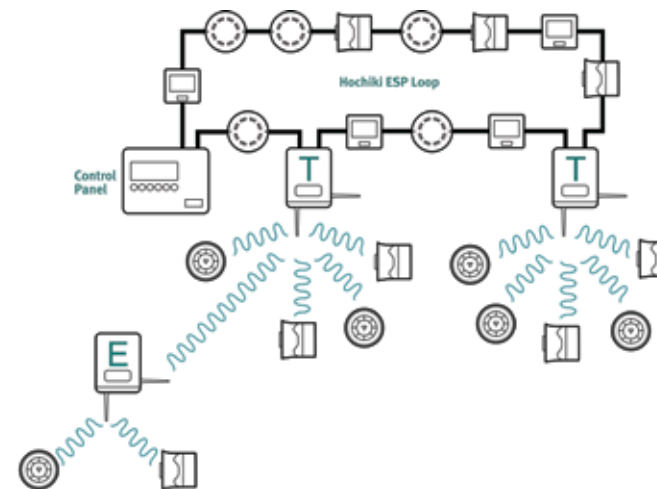
RSM-WTM-AS

A Wire to Wireless Translator Module which allows a wireless fire detection system to be interfaced directly onto the loop. Fully loop-powered, the unit can support up to 32 wireless devices* or up to 7 RSM-EXP-AS Expander Modules**.

- Loop Powered
- Bi-directional wireless communication
- Self optimising wireless amplitude and frequency
- Automatic wireless channel hopping
- Fully intelligent
- High reliability and sensitivity
- Flexible on site device adjustment
- Exterior mounting protection
- Makes additions to existing wired systems easy and cost effective
- Approved to AS4428.9-2006, EN54-17, 18

RSM-EXP-AS

A Wire to Wireless Translator Module which allows extended signal coverage for the wireless system by boosting signal strengths from translators, to cover larger buildings for example. Up to 7 RSM-EXP-AS Expander Modules** can be supported by a single RSM-WTM-AS Wireless Translator Module.

- Bi-directional wireless communication
- Self optimising wireless amplitude and frequency
- Automatic wireless channel hopping
- Fully intelligent
- High reliability and sensitivity
- Flexible on site device adjustment
- Exterior mounting protection
- Makes additions to existing wired systems easy and cost effective
- Requires external power supply (9 - 27 VDC)
- Approved to AS4428.9-2006, EN54-18

Hochiki ESP Loop

Control Panel

The RSM-WTM Translator Module (T) is fitted to the analog addressable fire system loop. It then provides an interface between the loop and the wireless devices. The module is fully powered by the loop and full control and monitoring of the wireless devices is possible through the control panel.

The RSM-EXP Expander Module (E) allows the wireless system to provide greater coverage by receiving and re-transmitting the boosted wireless signal.

*Maximum number of 16 output devices such as A/V or output modules.
**Maximum of 5 child Expander Modules connected in cascade or a maximum of 3 child Expander Modules connected directly to the Translator Module or another Expander Module

RSM-CIM-AS

A Wireless Conventional Interface Module which allows a zone of wireless devices to be added to an existing conventional zone (or as a stand-alone zone). The zone is wired directly to the RSM-CIM-AS which is then in turn supported by an RSM-EXP-AS Expander Module.

- Bi-directional wireless communication
- Self optimising wireless amplitude and frequency
- Automatic wireless channel hopping
- Fully intelligent
- High reliability and sensitivity
- Flexible on site device adjustment
- Exterior mounting protection
- Makes additions to existing wired systems easy and cost effective
- Requires external power supply for use as stand-alone zone
- Approved to AS4428.9-2006, EN54-18

RSM-IP-AS

A Wireless Single Channel Input Module which allows the on/off status (alarm/fault) of an external device to be transmitted to a control panel wirelessly via an RSM-CIM-AS, RSM-EXP-AS or RSM-WTM-AS.

- Input circuits are monitored for fire and fault conditions
- Bi-directional wireless communication
- Self optimising wireless amplitude and frequency
- Automatic wireless channel hopping
- Fully intelligent
- High reliability and sensitivity
- Flexible on site device adjustment
- Makes additions to existing wired systems easy and cost effective
- Approved to AS4428.9-2006, EN54-18

RSM-OP-AS

A Wireless Single Channel Output Module which allows the control panel to activate/switch the circuits of an external device wirelessly via an RSM-EXP-AS or RSM-WTM-AS. The unit's contacts can be configured to be normally open or normally closed and switch at 30 VDC/125 VAC at 2 A.

- Contacts can be configured as N/O or N/C
- Bi-directional wireless communication
- Self optimising wireless amplitude and frequency
- Automatic wireless channel hopping
- Fully intelligent
- High reliability and sensitivity
- Flexible on site device adjustment
- Makes additions to existing wired systems easy and cost effective
- Requires external power supply
- Approved to AS4428.9-2006, EN54-18

RSM-POM-AS

A Wireless Powered Output Module which allows the control panel to activate/switch the circuits of an external device or system wirelessly via an RSM-CIM-AS, RSM-EXP-AS or RSM-WTM-AS. The unit's contacts can be configured to be normally open or normally closed and switch at 30 VDC/125 VAC at 2 A. The unit can be configured to provide either a 12 VDC or a 24 VDC output.

- Contacts can be configured as N/O or N/C
- Selectable output - 12 VDC or 24 VDC
- Bi-directional wireless communication
- Self optimising wireless amplitude and frequency
- Automatic wireless channel hopping
- Fully intelligent
- High reliability and sensitivity
- Flexible on site device adjustment
- Makes additions to existing wired systems easy and cost effective
- Approved to AS4428.9-2006, EN54-18

RSM-CP-AS

A Wireless Resettable Manual Call Point which features a simulated glass front. When activated, a plastic 'flag' is displayed in the window of the unit; the supplied key will reset the flag and unit. Supplied with back box. Weatherproof version also available (RSM-CP/W-AS).

- Bi Directional wireless communication
- Fully intelligent
- Utilises standard low cost lithium battery technology
- Long battery life
- Resettable Element
- Clear 'device activated' warning flag
- High reliability
- Automatic channel hopping
- Self optimising wireless amplitude and frequency
- Weatherproof version available
- Approved to AS7240.11-2008, AS4428.9-2006

ROD-E-AS

A Wireless Intelligent Photoelectric Smoke Sensor with a patented smoke chamber ensuring optimal smoke sensitivity with increased protection from airborne contamination and background illumination. The sensor is fitted with a single omni-directional LED and a reed switch facility allowing testing using a magnet.

- Patented smoke chamber design
- Bi-directional wireless communication
- Adaptive signal processing helps with the elimination of false alarms
- Automatic wireless channel hopping
- Fully intelligent with high reliability and sensitivity
- Flexible on site device adjustment
- Makes additions to existing wired systems easy and cost effective
- Approved to AS7240-2004, AS4428.9-2006

RHD-E-AS

A Wireless Intelligent Rate of Rise Heat Sensor with a thermistor sensing element. The sensor is fitted with a single omni-directional LED and a reed switch facility allowing testing using a magnet.

- Thermistor-type heat sensing element
- Bi-directional wireless communication
- Adaptive signal processing helps with the elimination of false alarms
- Automatic wireless channel hopping
- Fully intelligent with high reliability and sensitivity
- Flexible on site device adjustment
- Makes additions to existing wired systems easy and cost effective
- Approved to AS7240.5-2004 class A1R, AS4428.9-2006

RMD-E-AS

A Wireless Intelligent Multi Sensor with a patented smoke chamber and thermistor heat sensing element. The sensor is fitted with a single omni-directional LED and a reed switch facility allowing testing using a magnet.

- Detects smoke and/or heat
- Bi-directional wireless communication
- Adaptive signal processing helps with the elimination of false alarms
- Automatic wireless channel hopping
- Fully intelligent with high reliability and sensitivity
- Flexible on site device adjustment
- Makes additions to existing wired systems easy and cost effective
- Approved to AS7240.5/7-2004, AS4428.9-2006

RSM-WS-AS (RED)

A Wireless Intelligent Wall Sounder providing 3 tones with an adjustable volume level up to a maximum output of 100 dB(A). Also available in white, RSM-WS-AS(WHT).

- 3 Tones, adjustable volume up to 100 dB(A)
- Bi-directional wireless communication
- Automatic wireless channel hopping
- Easy and cost-effective additions to existing wired systems
- Approved to AS4428.9-2006, EN54-3
- IP21C

RSM-WS/W-AS (RED)

A Wireless Intelligent Weatherproof Wall Sounder providing 3 tones with an adjustable volume level up to a maximum output of 100 dB(A). Also available in white, RSM-WS/W-AS(WHT).

- 3 Tones, adjustable volume up to 100 dB(A)
- Bi-directional wireless communication
- Automatic wireless channel hopping
- Easy and cost-effective additions to existing wired systems
- Approved to AS4428.9-2006, EN54-3
- IP66

RSM-WSB-AS (RED)

A Wireless Intelligent Wall Sounder Beacon providing 5 tones with an adjustable volume level up to a maximum output of 100 dB(A). Also provides a flash rate/light output of 1 Hz/1 Cd and is available in white, RSM-WSB-AS(WHT).

- 5 Tones, adjustable volume up to 100 dB(A)
- Flash rate/light output of 1 Hz/1 Cd
- Bi-directional wireless communication
- Automatic wireless channel hopping
- Easy and cost-effective additions to existing wired systems
- Approved to AS4428.9-2006, EN54-3
- IP21C

RSM-WSB/ W-AS (RED)

A Wireless Intelligent Weatherproof Wall Sounder Beacon providing 5 tones with an adjustable volume level up to a maximum output of 100 dB(A). Also provides a Flash rate / Light output of 1 Hz/1 Cd and is available in white, RSM-WSB/ W-AS(WHT).

- 5 Tones, adjustable volume up to 100 dB(A)
- Flash rate/light output of 1 Hz/1 Cd
- Bi-directional wireless communication
- Automatic wireless channel hopping
- Easy and cost-effective additions to existing wired systems
- Approved to AS4428.9-2006, EN54-3
- IP66

RSM-BS-AS

A Wireless Intelligent Base Sounder providing 32 tones as standard with a volume range of between 90.1 to 92.4 dB(A) at 1m. The pre-moulded base will accommodate any type of FIREwave wireless detector, or a locking cover plate (RSM-C-AS).

- 32 Tones, adjustable volume from 90.1 to 92.4 dB(A)
- Bi-directional wireless communication
- Automatic wireless channel hopping
- Easy and cost-effective additions to existing wired systems
- Approved to AS4428.9-2006, EN54-3

RSM-BSB-AS

A Wireless Intelligent Base Sounder Beacon providing 32 tones as standard with a volume range of between 90.1 to 92.4 dB(A) at 1m and a 1 Hz flash rate. The pre-moulded base will accommodate any type of FIREwave wireless detector, or a locking cover plate (RSM-C-AS).

- 32 Tones, adjustable volume from 90.1 to 92.4 dB(A)
- Flash rate of 1 Hz
- Bi-directional wireless communication
- Automatic wireless channel hopping
- Easy and cost-effective additions to existing wired systems
- Approved to AS4428.9-2006, EN54-3

MARINE APPROVED ANALOGUE ADDRESSABLE & CONVENTIONAL PRODUCTS

All products have been approved for marine use by either Lloyds Register or Germanischer Lloyd and are ideal for use on ships, oil rigs etc.

ALG-ENM

A Marine Approved Analogue Addressable Photoelectric Smoke Sensor incorporating Hochiki's unique High Performance Chamber which allows the sensor threshold level to be increased, thereby improving the signal to noise ratio and reducing susceptibility to false alarms.

- Removable, High Performance chamber
- Twin fire LEDs allow 360° viewing
- Locking mechanism (sensor to base)
- Variable sensitivity
- Electronically addressed
- Pulsing/non-pulsing controlled from panel*
- Approved to MED by GL

  * Please ensure control panel compatibility

ACB-EM

A Marine Approved Analogue Addressable Multi-Heat Sensor incorporating a variable Fixed Temperature heat element and a Rate Of Rise heat element, both controlled from the Control Panel allowing either thermal element or both elements simultaneously to be active in making the fire decision.

- User selectable modes
- Incorporates Fixed Temperature and Rate Of Rise Heat elements
- Twin fire LEDs allow 360° viewing
- Pulsing/non-pulsing controlled from panel*
- Electronically Addressed
- Approved by LPCB to Classes A, B & C
- Approved to MED by GL

  * Please ensure control panel compatibility

YBN-R/3M

A Marine Approved Common Mounting Base which is fully compatible with Hochiki's Analogue Range of Marine Approved Sensors. Supplied with square cable clamps for secure and reliable cable termination and is also capable of driving a remote LED if required.

- Electronics free
- Supports ESP Marine Approved Sensors
- Stainless steel contacts
- Takes 2.5mm² cables
- Slim profile - only 8mm
- Rugged wiring contacts
- Facility for remote indicator
- Quick Connection via square cable clamps
- Approved to MED by GL

YBO-R/SCIM

A Marine Approved Loop Isolator Base which is fully compatible with Hochiki's Analogue Range of Marine Approved Sensors. The unit incorporates an amber LED to show when it is isolating a section of the loop.

- Detects short circuits on loop
- Status LED
- Connection of up to 127 per loop
- Supports Marine Approved Sensors
- Quick connection via square cable clamps
- Approved to MED by GL

CHQ-DIM/M (SCI)

A Marine Approved Analogue Addressable Dual Input Module designed to interface to a variety of inputs such as door contacts, sprinkler flow/door switches and plant equipment. Features an integral short-circuit isolator.

- Loop powered
- Single loop address
- Two independent inputs for monitoring of volt-free contacts
- Each input can be configured to monitor either Normally Open or Normally Closed contacts
- Features an integral short-circuit isolator
- Approved to MED by GL

CHQ-DRC/M (SCI)

A Marine Approved Analogue Addressable Dual Relay Controller designed to provide two general-purpose relay outputs, each output can be controlled independently and used to control dampers, plant and equipment shutdown. The monitored input can be used for local power supply fault monitoring or as a general-purpose input. Features an integral short-circuit isolator.

- Loop powered
- Single loop address
- Two independently controlled changeover relays
- Relays contact rated at 30Vd.c. at 1 amp
- Auxiliary monitored input
- Features an integral short-circuit isolator
- Approved to MED by GL

CHQ-DSC/M (SCI)

A Marine Approved Analogue Addressable Dual Sounder Controller, which has been designed to provide two sounder outputs (that can be driven separately) with full fault monitoring. The monitored input can be used for local power supply fault monitoring or as a general-purpose input. Features an integral short-circuit isolator.

- Single loop address
- Two independent sounder circuits
- Each circuit fully monitored for Open and Short Circuit faults
- Each alarm circuit fused at 1 amp
- Auxiliary monitored Input
- Outputs are synchronised and can be driven continuously or intermittently
- 24Vd.c. auxiliary power required
- Features an integral short-circuit isolator
- Approved to MED by GL

CHQ-SZM/M (SCI)

A Marine Approved Analogue Addressable Single Zone Monitor designed to allow up to 6 marine approved conventional detectors to be interfaced to Hochiki's analogue addressable system. Features an integral short-circuit isolator.

- Loop powered
- Up to 6 Conventional Detectors
- Single loop address
- Remote LED output
- Fully monitored for Short and Open Circuit faults
- Features an integral short-circuit isolator
- Approved to MED by GL

HCP-EM

A Marine Approved Analogue Addressable Manual Call Point fully compatible with Hochiki's analogue addressable protocol and featuring plug-in wiring terminals for easy installation.

Note - requires SR-BACKBOX if surface mounted (sold separately)

- Fast response
- Status LED
- Non-frangible element fitted as standard (conforms to EN54)
- Addressed with TCH-B100 Hand Held Programmer
- Surface or flush mounting
- Weatherproof IP67 version available (HCP-WM)
- Approved to MED by GL

SLR-E3NM

A Marine Approved Conventional Photoelectric Smoke Detector, which is fully compatible with the majority of existing Marine Conventional systems and incorporates a remote indicator output.

- High Performance chamber
- Remote indicator output
- Wide voltage range (9.5 ~ 30Vd.c.)
- Low profile design with one piece outer cover
- Twin fire LEDs allow 360° viewing
- One master base
- Approved to MED by GL

DCD-AE3M

A Marine Approved Conventional Rate of Rise Heat Detector incorporating a 60°C fixed temperature element. The thermistor and linearising circuit provide an accurate linear response Heat Detector. A third terminal provides integral remote indicator output.

- Electronic linear heat detection
- Remote indicator output
- Wide voltage range (9.5 ~ 30Vd.c.)
- Twin fire LEDs allow 360° viewing
- Approved to MED by GL

DCD-CE3M

A Marine Approved Conventional Rate of Rise Heat Detector incorporating a 90°C fixed temperature element. The thermistor and linearising circuit provide an accurate linear response Heat Detector. A third terminal provides integral remote indicator output.

- Electronic linear heat detection
- Remote indicator output
- Wide voltage range (9.5 ~ 30Vd.c.)
- Twin fire LEDs allow 360° viewing
- Approved to MED by GL

YBN-R/6M

A Marine Approved Conventional Detector Mounting Base for the CDX Marine Approved Range of Detectors and fully compatible with the majority of existing conventional fire alarm control panels.

- Integral remote indicator output
- Low profile, only 8mm
- Rugged design
- Electronics free
- Quick connections via square cable clamps
- Accepts 2.5mm² cables
- Bayonet slot, low insertion force for detectors
- Approved to MED by GL

MBB-1

A Marine Back Box providing a splash proof and secure fixing for the Hochiki Analogue and Conventional Marine Approved Range of Sensors and Detectors and their associated Bases. Provides an aesthetically pleasing solution where surface fixed devices are required. The housing supports four 20mm glanded entries for cabling access.

- 4 Glanded cable entry holes (glands not supplied)
- Colour matched
- Approved Sensor and Base range
- Provides moisture and dust resistant fixing
- Ideal for bulk-head fixing
- Approved by LR and GL
- Non-marine use version available (SBB-1)

NEW CONVENTIONAL DETECTOR BASE RANGE FOR SIGMA CP SERIES

New Conventional Fire Detection. Hochiki's Conventional Range offers one of the most extensive product portfolios available, providing solutions for most conventional fire applications, with a heritage of innovative design and leading edge technologies.

CONVENTIONAL DETECTORS FOR "SIGMA" FIP RANGE (ACTIVFIRE AFP-2516)

SLV-AS3

The SLV-AS3 is a Photoelectric Smoke Detector which is fully compatible with the majority of existing Conventional systems. The SLV-AS3 incorporates Hochiki's unique High Performance photoelectric smoke chamber removing the need to use Ionisation Detectors in the majority of applications. An integral third terminal provides a remote indicator output.

- Remote Indicator output
- Wide voltage range (9.5 ~ 30 Vd.c)
- Low profile design with one piece outer cover
- Twin fire LEDs allow 360 degree viewing
- Range of mounting bases
- Approval: AS7240.7

DCD-A3

Model DCD-A3 is a Rate of Rise Heat Detector with a 60°C fixed temperature element using a thermistor and linearising circuit to provide an accurate linear response Heat Detector. A third terminal provides integral remote indicator output. The DCD-A3 is ideal for use where medium ambient temperatures exist, such as drying rooms or where Smoke Detectors are unsuitable because of the presence of steam or cooking fumes such as in a kitchen.

- Electronic linear heat detection
- Remote Indicator output
- Wide voltage range (9.5 ~ 30 Vd.c)
- Twin fire LEDs allow 360 degree viewing
- Range of mounting bases
- Approval: AS7240.5

DCD-C3

Model DCD-C3 is a Rate of Rise Heat Detector with a 90°C fixed temperature element using a thermistor and linearising circuit to provide an accurate linear response Heat Detector. A third terminal provides integral remote indicator output. The DCD-C3 is ideal for use where medium ambient temperatures exist, such as drying rooms or where Smoke Detectors are unsuitable because of the presence of steam or cooking fumes such as in a kitchen.

- Electronic linear heat detection
- Remote Indicator output
- Wide voltage range (9.5 ~ 30 Vd.c)
- Twin fire LEDs allow 360 degree viewing
- Range of mounting bases
- Approval: AS7240.5

DFJ-A3

Model DFJ-A3 is a 60°C Fixed Temperature Heat Detector using a thermistor and linearising circuit to provide an accurate linear response Heat Detector. A third terminal provides integral remote indicator output. The DFJ-A3 is ideal for use where medium ambient temperatures exist, such as drying rooms or where Smoke Detectors are unsuitable because of the presence of steam or cooking fumes such as in a kitchen.

- Electronic linear heat detection
- Remote Indicator output
- Wide voltage range (9.5 ~ 30 Vd.c)
- Twin fire LEDs allow 360 degree viewing
- Fixed Temperature Detector
- Range of mounting bases
- Approval: AS7240.5

DFJ-C3

Model DFJ-C3 is a 90°C Fixed Temperature Heat Detector using a thermistor and linearising circuit to provide an accurate linear response Heat Detector. A third terminal provides integral remote indicator output. The DFJ-C3 is ideal for use where medium ambient temperatures exist, such as drying rooms or where Smoke Detectors are unsuitable because of the presence of steam or cooking fumes such as in a kitchen.

- Electronic linear heat detection
- Remote Indicator output
- Wide voltage range (9.5 ~ 30 Vd.c)
- Twin fire LEDs allow 360 degree viewing
- Fixed Temperature Detector
- Full range of mounting bases
- Approval: AS7240.5

YBN-R/6

Model YBN-R/6 is a Conventional Detector Mounting Base associated with the NEW Sigma CP series range of detectors.

- Integral Remote Indicator Output
- Low Profile, only 8mm
- Rugged Design and Electronics Free
- Quick Connections Via Square Cable Clamps
- Accepts 2.5mm² cables
- Bayonet slot, low insertion force for detectors

YBO-R/6PA

Model YBO-R/6PA is a Conventional Detector Mounting Base for 2 wire Systems where detectors and sounders are on the same zone cables.

- Integral Remote Indicator Output
- Rugged Design
- Dedicated Cable Screen Terminal
- Quick Connection via square cable clamps accepts up to 2.5mm² Cables
- Bayonet slot, low insertion force for detectors

YBO-R/6R

Conventional Latching Relay Mounting Base. Model YBO-R/6R is a conventional detector mounting base associated with the NEW conventional range of detectors.

- Integral Remote Indicator
- Wide Voltage Range - can be used in security systems
- Rugged Design
- Quick Connections via square cable clamps
- Accepts 2.5mm² cables
- Bayonet slot, low insertion force for detectors

YBO-R/6RN

Conventional Non-Latching Relay Mounting Base. Model YBO-R/6RN is a conventional detector mounting base associated with the NEW conventional range of detectors.

- Integral Remote Indicator
- Wide Voltage Range - can be used in security systems
- Rugged Design
- Quick Connections via square cable clamps
- Accepts 2.5mm² cables
- Bayonet slot, low insertion force for detectors

Hochiki's Conventional Range offers one of the most extensive product portfolios available, providing solutions for most conventional fire applications, with a heritage of innovative design and leading edge technologies.

SLV-AS

A Conventional Photoelectric Smoke Detector, which is fully compatible with the majority of existing conventional systems.

- High Performance chamber
- Low profile design with one piece outer cover
- Twin fire LEDs allow 360° viewing
- Remote Indicator output (with YBO-R/4A base)
- Compatible bases: YBO-R/4A and YBN-R/4C
- Approval: AS1603.2

DCD-A

A Conventional Rate of Rise Heat Detector incorporating a 60°C fixed temperature element. The thermistor and linearising circuit provide an accurate linear response Heat Detector.

- Electronic linear heat detection
- Twin fire LEDs allow 360° viewing
- Remote Indicator output (with YBO-R/4A base)
- Compatible bases: YBO-R/4A and YBN-R/4C
- Approval: AS1603.1

DCD-C

A Conventional Rate of Rise Heat Detector incorporating a 90°C fixed temperature element. The thermistor and linearising circuit provide an accurate linear response Heat Detector.

- Electronic linear heat detection
- Twin fire LEDs allow 360° viewing
- Remote Indicator output (with YBO-R/4A base)
- Compatible bases: YBO-R/4A and YBN-R/4C
- Approval: AS1603.1

DFJ-60B

A Conventional 60°C Fixed Temperature Heat Detector using a thermistor and linearising circuit to provide an accurate linear response Heat Detector.

- Electronic linear heat detection
- Twin fire LEDs allow 360° viewing
- Fixed Temperature Detector
- Remote Indicator output (YBO-R/4A base)
- Compatible bases: YBO-R/4A and YBN-R/4C
- Approval: AS1603.1

DFJ-90D

A Conventional 90°C Fixed Temperature Heat Detector using a thermistor and linearising circuit to provide an accurate linear response.

- Electronic linear heat detection
- Twin fire LEDs allow 360° viewing
- Fixed Temperature Detector
- Remote Indicator output (YBO-R/4A base)
- Compatible bases: YBO-R/4A and YBN-R/4C
- Approval: AS1603.1

DFG-60BLKJ

An IP67 Waterproof Conventional 60°C Fixed Temperature Heat Detector with minimal standby current and high reliability. Particularly suited to environments, which are exposed to high levels of condensation or are hosed down.

- Waterproof design – rated to IP67
- Low profile shape
- Utilises a bimetallic strip to sense temperature change
- No mounting base required
- Minimal standby current
- Approval: AS1603.1

DRD-AS

A Conventional Flame Detector designed for internal use to detect large flames. The detection zone is a 90° cone and the detection range is up to and including 25m.

- Class 1 performance as defined in BS EN54-10:2002 (range up to 25m)
- Single IR technology
- Robust and slim design
- Low current consumption
- Easy to install
- Fits any of the CDX range of mounting bases
- Twin LEDs for 360° view
- Compatible bases: YBN-R/6, YBO-R/6PA
- Approval: EN54-10

16091

A Hand Held Flame Detector Tester providing a flame-free method of testing flame detectors.

- Simple to use hand held unit with rechargeable NiCd battery pack and charger
- Tests many Flame Sensors Types UV, UV/IR, UV/IR^2, IR^3, IR^2, IR
- Range typically 3m and beyond
- Selectable optical output intensity with LED bar graph indication

SPC-AS

A Conventional Beam Smoke Detector that consists of an emitter and receiver that cover a distance of 5 - 100m providing a maximum coverage of 1500m^2. Features an automatic signal strength adjustment facility and is also available with a latching or a non-latching relay.

- 5 - 100m range
- Automatic compensation
- Automatic signal strength adjustment
- Features a Latching or Non-Latching Fault Relay
- Can be interfaced onto Hochiki Analogue system via CHQ-DZM (page 9) or CHQ-SZM (page 10)
- Approval: AS7240.12

YBO-R/4A

A conventional detector mounting base with remote LED function associated with **SLV-AS, DCD-A, DCD-C, DFJ-60B, DFJ-90D**.

- Remote indicator output
- 10mm Profile
- Rugged design and electronics free
- Quick connections via square cable clamps
- Accepts 2.5mm² cables
- Bayonet slot, low insertion force for detectors

YBN-R/4C

A conventional detector mounting base without remote LED function associated with **SLV-AS, DCD-A, DCD-C, DFJ-60B, DFJ90D**.

- Low Profile, only 8mm
- Rugged design and electronics free
- Quick connections via square cable clamps
- Accepts 2.5mm² cables
- Bayonet slot, low insertion force for detectors

YBN-R/6

A Conventional Detector Mounting Base associated with DRD-AS IR detector and beacons.

- Integral remote indicator output
- Low Profile, only 8mm
- Rugged design and electronics free
- Quick connections via square cable clamps
- Accepts 2.5mm² cables
- Bayonet slot, low insertion force for detectors

YBO-R/6PA

A Conventional Detector Mounting Base for 2-Wire systems where detectors and sounders are on same zone cables.*

*Please ensure Control Panel compatibility

- Integral remote indicator output
- Rugged design
- Dedicated cable screen terminal
- Quick connection via square cable clamps
- Accepts 2.5mm² cables
- Bayonet slot, low insertion force for detectors

CSB-E

A Conventional Base Sounder which has been designed to complement the Hochiki conventional range of detectors. Improved electronic design enables very low current consumption whilst providing a range of tones and volumes selectable from each unit.

- Robust design
- Low current consumption
- Easy to install
- Maximum 93dB(A) @ 1m (Tone 1)
- 32 user-selectable tones and 3 user - selectable volumes
- Lockable cap available (CS/CAP)

CSBB-E

A Conventional Base Sounder Beacon which has been designed to complement the Hochiki conventional range of detectors. Improved electronic design enables very low current consumption whilst providing a range of tones and volumes selectable from each unit. Features integral beacon.

- Robust design
- Low current consumption
- Easy to install
- Maximum 93dB(A) @ 1m (Tone 1)
- 32 user-selectable tones and 3 user-selectable volumes
- Utilises high intensity LEDs
- Lockable cap available (CS/CAP)

BANSHEE EXCEL (BE-SSB)

An Electronic Conventional Sounder which can be installed internally.

- Robust design
- Low current consumption
- Easy to install
- Maximum 110dB(A) at 1m (dependant on tone selected)
- 32 user-selectable tones

BANSHEE EXCEL IP66 (BE-SDB)

An Electronic Conventional Sounder comes with a deeper IP66 back box, which enables the unit to be installed externally.

- Robust design
- Low current consumption
- Easy to install
- Deep base provides IP66 protection
- Maximum 110dB(A) at 1m (dependant on tone selected)
- 32 user-selectable tones

BANSHEE EXCEL LITE (BEL-SBSB)

An Electronic Conventional Sounder Beacon which can be installed internally.

- Robust design
- Low current consumption
- Easy to install
- Xenon beacon technology
- Maximum 110dB(A) at 1m (dependant on tone selected)
- 32 user-selectable tones

BANSHEE EXCEL LITE IP66 (BEL-SBDB)

An Electronic Conventional Sounder Beacon comes with a deeper IP66 back box, which enables the unit to be installed externally.

- Robust design
- Low current consumption
- Easy to install
- Xenon beacon technology
- Deep base provides IP66 protection
- Maximum 110dB(A) at 1m (dependant on tone selected)
- 32 user-selectable tones

CLB-E

A Conventional Beacon for use on 24V Sounder Circuits. The unit is fitted with a Fresnel lens and high-intensity LEDs, a design which produces a highly visible flash. The casing exactly matches the Hochiki conventional Detector range in shape and colour providing seamless integration.

- High Intensity LED technology
- Colour-matched to existing detector and base ranges
- Fits standard conventional base (YBN-R/6)

CCP-E

The CCP-E is a conventional call point based upon the industry standard KAC world series housing and features easy to install, push fit wiring terminals. The unit can support either Frangible Glass element or Non Frangible Plastic element. Note - requires SR-BACKBOX if surface mounted (sold separately).

- Supports either a 'Frangible Glass' element or a 'Non Frangible Plastic' element
- Terminals can accommodate up to a 2.5mm^2 solid conductor
- Approved to EN54
- Rugged design

CCP-W

The CCP-W is a IP67 Weatherproof conventional call point based upon the industry standard KAC world series housing and features easy to install, push fit wiring terminals. The unit can support either Frangible Glass element or Non Frangible Plastic element. Note - requires SR-BACKBOX if surface mounted (sold separately).

- Supports either a 'Frangible Glass' element or a 'Non Frangible Plastic' element
- Terminals can accommodate up to a 2.5mm^2 solid conductor
- Approved to EN54
- Weatherproof IP67
- Rugged design

MBF-6EV

A Conventional Alarm Bell, six inches diameter and for internal use, based upon the industry standard KOBELL range.

- Low profile
- Low current consumption
- Fully suppressed and polarised
- 95dB(A) at 1m (typ)
- Simple installation with multi-fixing base plate

FB/024/R/W

A Conventional Alarm Bell, six inches diameter, which has the same operation as the MBF-6EV except it comes equipped with a weatherproof back box enabling it to be used externally.

- Low profile
- Low current consumption
- Fully suppressed and polarised
- 100dB(A) at 1m (typ)
- Weatherproof for external installation
- Simple installation with multi-fixing base plate

INTRINSICALLY SAFE CONVENTIONAL PRODUCTS

Hochiki's Intrinsically Safe Conventional range of products has been designed around the existing world-proven Hochiki conventional range. The detectors have been approved for hazardous area use by both LPCB and Germanischer Lloyd.

SLR-E-IS

A Conventional I.S. Photoelectric Smoke Detector designed for use in hazardous areas. Incorporates a remote indicator output and a removable chamber for easy maintenance.

- High Performance chamber
- Twin fire LEDs allow 360° viewing
- Supported by a range of barriers
- Remote indicator output
- IECEx certification to: II 1G EEx ia IIC T5 (Tamb=55°C)
- Suitable for installation in areas at Category 1 (inc. all lower categories)
- Approved by BASEEFA

DCD-1E-IS

A Conventional I.S. Rate of Rise Heat Detector designed for use in hazardous areas. Incorporates a remote indicator output and a 60°C fixed temperature element.

- Twin fire LEDs allow 360° viewing
- Electronics free mounting base
- Remote indicator output
- IECEx certification to: II 1G EEx ia IIC T5 (Tamb=55°C)
- Suitable for installation in areas at Category 1 (inc. all lower categories)
- Approved by BASEEFA

YBN-R/4 (IS)

A Conventional Detector Mounting Base associated with the Hochiki conventional Range of Intrinsically Safe Detectors and is fully compatible with the majority of existing conventional fire alarm control panels.

- Low Profile, only 8mm
- Rugged design
- Dedicated cable screen terminal
- Accepts from 1 to 2.5mm^2 cables
- Quick connection via square cable clamps
- Electronics free

CCP-E-IS

A Conventional Manual Call Point designed for use in hazardous areas and based upon the industry standard KAC world series housing.

- Supports either a 'Frangible Glass' element or a 'Non-Frangible Plastic' element
- Terminals can accommodate up to a 2.5mm^2 solid conductor
- Approved to EN54 part 12
- Rugged design
- ATEX Classification to II 1G EEx ia IIC T4

CCP-W-IS

A Conventional Manual Call Point designed for use in hazardous areas and based upon the industry standard KAC world series housing.

- Supports either a 'Frangible Glass' element or a 'Non Frangible Plastic' element
- Terminals can accommodate up to a 2.5mm² solid conductor
- Approved to EN54 part 12
- Rugged design
- ATEX Classification to II 1G EEx ia IIC T4

CHQ-DZM (SCI)-IS

A Dual Zone Module which is fully compatible with Hochiki's ESP analogue addressable protocol and I.S. equipment. The module will allow connection of up to 40 Hochiki I.S. conventional detectors (20 per zone) through a Galvanic isolator, which are then fully monitored for open and short circuit. Also available as a DIN Rail mountable version. Both models feature an integral short-circuit isolator.

- Single loop address
- Supports two independent zones of Hochiki I.S. Conventional Detectors
- Both zones fully monitored for short/open-circuit
- Requires an auxiliary 24Vd.c. supply
- DIN rail version available
- Both models feature an integral short-circuit isolator

MTL7787+

A Zener-Diode Barrier which is intrinsically safe and zone-powered, for use in conventional fire detection systems for protection within hazardous areas. Certified 'ia' for all zones and 'IIC' for all explosive atmospheres.

- Simple installation onto standard DIN 'top-hat' railing
- Removable colour-coded terminals for easy connection
- Can accommodate conductors up to 2.5mm²
- Supports up to two zones of I.S. products

MTL7728+

A Zener-Diode Barrier which is intrinsically safe and zone-powered, for use in conventional fire detection systems for protection within hazardous areas. Certified 'ia' for all zones and 'IIC' for all explosive atmospheres.

- Simple installation onto standard DIN 'top-hat' railing
- Simplified installation and maintenance using plug-in connectors
- Input circuit protected against reverse polarity
- Supports 2 zones of I.S. Detectors

MTL5561

A Galvanic Isolator which is zone-powered and dual-channelled, for use in conventional fire detection systems for protection within hazardous areas. Certified for use in Zone 0, IIC, T4-6 hazardous areas.

- Simple installation onto standard DIN 'top-hat' railing
- Simplified installation and maintenance using plug-in connectors
- Input circuit protected against reverse polarity
- Supports 2 zones

ANCILLARY EQUIPMENT

Hochiki's comprehensive range of ancillary equipment includes products to help make routine maintenance and commissioning of analogue and conventional smoke detectors easier and more reliable. The range includes loop commissioning and emulation equipment and duct smoke detection equipment.

DH-24

An Electromagnetic Door Holder designed to hold open fire doors and is ideally suited for hospitals, schools and other public buildings. In a fire situation the doors can be released automatically via a connection to the fire alarm system or manually by activating the release button.

- 24 Vd.c.
- Surface mounted
- 200 Newton holding force
- Swivel keeper plate
- Spring-loaded ejector pin
- Manual release button

DH-98-ASA and DH-98-ASC

A Duct Probe Housing associated with analogue ALK-AS, ALK-ASN detectors and conventional SLV-AS detector to be mounted on the outside of an air duct for the purpose of monitoring the air within the duct. (Shown with sensor fitted – not supplied)

- Install quickly and easily
- No screens or filters to clean
- Rugged gray steel back box with clear cover

TCH-B100

A Hand Held Address Programmer designed to address the range of Sensors and other addressable devices such as the YBO-BS Base Sounder. Designed to be light, robust and easy to use it operates from a single PP3 size 9v battery which can provide up to 8000 operations. (Shown with sensor fitted – not supplied)

- Lightweight Design
- Quick and Reliable Addressing
- Over 8000 Address Settings From One Battery
- Displays Sensor Analogue Value

16091

A Hand Held Flame Detector Tester providing a flame-free method of testing flame detectors

- Simple to use hand held unit with rechargeable NiCd battery pack and charger
- Tests many Flame Sensors Types UV, UV/IR, UV/IR², IR³, IR², IR
- Range typically 3 and beyond
- Selectable optical output intensity with LED bar graph indication

TE-LCT

A Loop Commissioning Tool designed to allow System Engineers to verify and test loops of Hochiki Analogue devices before the control panel is installed/commissioned. This enables the engineer to quickly determine the presence of cable faults and device operation.

- Assists in the determination of earth, open and short circuit faults on loop cabling
- Easy to use, menu-driven interface displayed on large LCD screen
- Internal memory for storage of loop data with serial port for connection to PC or printer
- Compact and robust design
- Rechargeable battery and charger included

TE-TLE

A Loop Emulator System which consists of Software and a Hardware Interface that together allow a 'virtual' loop to be created on a PC connected to a Fire Alarm Control Panel. In this way, a complete fire detection system can be tested and proven before any actual hard-wiring commences, saving time and resources.

- Allows simulation of up to 4 loops of Hochiki analogue devices (127 per loop)
- System 'Cause and Effect' can be verified along with double address and short circuit simulation
- Saves time and installation costs as whole system can be tested 'virtually'

SMB-1

An IP66 rated, grey (RAL7035) enclosure designed for use with the Hochiki range of Modules. Supplied with a transparent black lid as standard. Used in conjunction with the SMB-ADAPTOR this enclosure can house any of the PCB assemblies from the Hochiki Smart-Fix Module range.

- Quick-release screws
- Polyurethane gasket provides IP66 protection
- Corrosion free, resistant to most alkaline and acid
- Temperature resistance to +70℃, Impact resistant, and Non-flammable
- 32 knock-outs

SMB-2

An IP66 rated, grey (RAL7035) enclosure designed for use with the Hochiki range of DIN Modules. Supplied with a transparent black lid as standard. The unit is supplied with a DIN Rail section (plus fixings) and will accept up to six Hochiki DIN Rail Modules, side-by-side.

- Designed to house up to 6 Hochiki DIN Modules
- Quick-release screws
- Polyurethane gasket provides IP66 protection
- Corrosion free, resistant to most alkaline and acid
- Temperature resistance to +70℃, Impact resistant, and Non-flammable
- 32 knock-outs
- Supplied with DIN Rail and fixings

SMB-3

An IP66 rated, grey (RAL7035) enclosure designed for use with the Hochiki range of DIN Modules. Supplied with a transparent black lid as standard. The unit is supplied with a DIN Rail section (plus fixings) and will accept up to four Hochiki DIN Rail Modules, side-by-side.

- Designed to house up to 4 Hochiki DIN Modules
- Quick-release screws
- Polyurethane gasket provides IP66 protection
- Corrosion free, resistant to most alkaline and acid
- Temperature resistance to +70℃, Impact resistant, and Non-flammable
- 20 metric knock-outs
- Supplied with DIN Rail and fixings

WS2-WPK

A Weatherproof Back Box and gasket set for the CHQ-WS2 Wall Sounder and the CHQ-WSB Wall Sounder Beacon, increases the IP Rating of the Sounder to IP65 for external use.

- Designed For CHQ-WS2 And CHQ-WSB
- Increases Sound IP Rating From IP21 To IP65
- Easy To Install

SBB-1

A Back Box providing a splash proof and secure fixing which for the Hochiki Analog and Conventional Range of Sensors and Detectors and their associated Bases. Provides an aesthetically pleasing solution where surface fixed devices are required. The housing supports four 20mm glanded entries for cabling access.

- 4 Glanded Cable Entry Holes (Glands Not Supplied)
- Colour Matched
- Approved Sensor And Base Range
- Provides Moisture And Dust Resistant Fitting
- Ideal For Bulk Head Fitting
- Marine Use (MBB-1)

CHQ-BACKBOX

The CHQ-BACKBOX is designed for installations where the CHQ Range of Modules - CHQ-DIM(SCI), CHQ-SZM(SCI), CHQ-DZM(SCI), CHQ-DSC(SCI), CHQ-MRC(SCI), CHQ-DRC(SCI) and CHQ-PCM - require mounting within a glanded enclosure.

- Provides Glanded Cable Connections
- Robust Design
- Compatible With All CHQ Modules

CHQ-ADAPTOR

The CHQ-ADAPTOR is designed to allow the "Smart-Fix" range of CHQ Modules to be housed in existing enclosures originally designed for the first generation CHQ-OEM Modules by modifying the 'footprint' of the unit.

- Allows The PCB Component Of A CHQ Module To Be Housed In An Enclosure
- Footprint Matches Older Enclosure Sizes

SI-CAP

A Protective Cap which can be fitted to the YBO-R/SCI isolator base range, the YBO-BS base sounder or the YBO-BSB base sounder beacon - when either of these devices isn't fitted with a sensor.

- Protects Wiring Terminals On Isolator Bases And Base Sounders
- Easy To Fit

Manufacturer	Panel Model Number	Thermal DCD-A	Thermal DFJ-60B	Thermal DCD-C	Thermal DFJ-90D	Smoke SLR-AS SLV-AS	Smoke SIJ-ASN
AMPAC	ZONESENSE	40	40	40	40	40	40
	AB1000, AB800, AB2000, AP1542	39	39	39	39	39	31
	AP 1671 FIREFINDER	40	40	40	40	40	40
	AB3000, AP1417,	40	40	40	40	40	40
	XP 95 DEVICE	40	40	40	40	40	40
	AB04	33	33	33	33	33	26
	AB40	23	23	16	16	N/C	N/C
CHUBB FFE	FFE MCP-002, 10000 LAM, 10000 DCM	40	40	40	40	40	33
	8070, SCP-90,FB-208/56	40	40	40	40	40	40
	HOCHIKI CHQ-DZM(CHQ-Z)FIELD DEVICE	30	30	30	30	30	30
	NFP/PHOENIX CCI CARD	40	40	40	40	40	40
	FIRENET CCI CARD	40	40	40	40	40	40
INERTIA	ZJ1000	40	40	40	40	40	39
	2400 & 008	40	40	40	40	40	40
BROOKS PANALECT	MODEL 128	29	29	29	29	29	23
	MODEL 199	18	18	18	18	18	14
	2010V	40	40	40	40	40	40
	MICROFIRE	40	40	40	40	40	40
VIGILANT	F4000, F3200	40	40	40	40	40	40
	F5000 AZF 301 1K8	40	40	40	40	40	37
	F5000 AZF 301 2K7	31	31	31	31	31	25
	F08	N/C	N/C	N/C	N/C	N/C	N/C
NOTIFIER	2600 & 888	40	40	40	40	40	40
	CFP800	20	20	25	25	20	22
	AFP-100, AFP-200, MMX-2, ID-200, AM2020	40	40	40	40	40	40
ZITON	ZP-E50	40	40	40	40	40	40
	ZP5 AS2	40	40	40	40	40	40
	ZP5 AS1	34	34	23	23	34	34
MATTHEWS FIRE	FYRTEL MICRO 900	35	35	25	25	35	40
DIGITRON	SERIES 86	40	40	40	40	40	40
HONEYWELL	FS90 & 809A	40	40	40	40	40	40
O'DONNELL GRIFFEN	MICRO 1000	40	40	40	40	40	40
	MXL CZM-1	23	23	23	23	23	19
SIMPLEX	4020	40	40	40	40	40	40
	2120	28	28	28	28	28	23
	4100	33	33	33	33	33	27

N/C = Not Compatible
All panels are continually being developed and improved.
Please contact our office or the panel manufacturer for the latest compatibility information.

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