Key features

- 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

- Utilises standard low cost lithium battery technology

- Fully monitored primary and secondary power sources

- Weatherproof variant available for use in wet environments or outdoors

Reference: HFW-CP-01

Wireless Intelligent Resettable Call Point

The HFW-CP-01 is a fully intelligent wireless resettable call point compatible with all loop Translator Modules and Expander Modules.

Additional Information

- The call point parameters are programmed via the Translator Module either by a wireless keypad, PC link or its onboard keyboard.
- The Translator Module automatically manages call poi radiation power depending on the device communication quality.
- The unit automatically adjusts its frequency and radiation in accordance with the signal quality received from the Translator Module.

Design

- The call point has a resettable plastic element which has the look of glass which is a deterrent to nuisance activations.
- On activation, the callpoint displays a clear visual flag in the window making locating the device easy.
- The element once activated can be easily reset by use of a key. The same key is also used to remove the device's front cover.
- Temperature compensation gives reliable and steady operation in low and high temperatures and compensates for differences in temperature between the Translator and field device locations.
- For outdoor use or for areas of a high moisture content, a weatherproof variant is available.

eurotech

fire systems limited

HFW-CP-01

Wireless Intelligent
Resettable Call Point

Power Supply

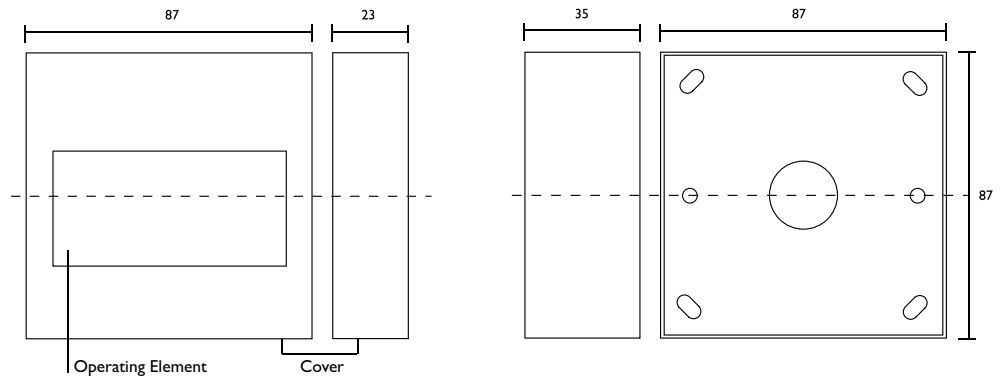Dual 3 V Lithium batteries:
1 x Primary CR123A
(1.2Ahr)
1 x Secondary CR2032A
(0.24Ahr)

The Translator Module
monitors the condition of
both batteries and shows
a discharge of either using
an internal LED indicator
as well as a fault indication
at the Translator Module
and Fire Detection
Control Equipment.

Indication

- A bi-colour (red and
green) LED indicator provides
information regarding the
operational modes and
condition of power supplies.

- The indicator also provides
information during the
programming of the device
regarding the wireless signal
strength allowing defining
of stable operating locations
when installing the unit.

Operating Element   Cover

LED Indication

Indication of device in standard mode following battery installation	Green LED Fast Blinking
Installation of device in programming mode following battery switch on	Red LED 4 Short Flashes
Device in Self Adjustment Mode	Red LED on with Occasional Blink

Technical Specification

Communication range with the Translator Module	150M (open space)
Operating Frequency	868-870 MHz
Modulation Type	Frequency Modulation
Number of Operating Channels	7
Time Period Between Wireless Signal Transmissions	From 12 sec. to 2 min.
Estimated Battery Life (Dependant on time period between wireless signal transmissions) Primary Cell (CR123A) Secondary Cell (CR2032A)	Between 3 and 5 years 2 months
Dimensions	87mm x 58mm
Operating Temperature Range	-30°C to +50°C
Radiated Power	0.01 - 10mW

Technical Data Sheet

eurotech
fire systems limited