Hyfire
wireless fire solutions

PRODUCT DATASHEET

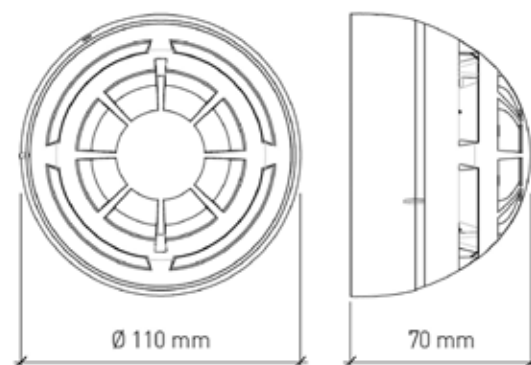## HFW-TA-05

WIRELESS (LIBRA) CLASS P HEAT DETECTOR

The HFW-TA-05 is the latest in wireless heat detector technology. It is a fully intelligent device and compatible with all Hyfire wireless Translator and Expander modules. The detector is designed for open area protection giving the best possible warning of a fire condition in locations where smoke detection technology is not suitable. The well-proven adaptive radio signal processing algorithms ensure the highest levels of life safety and system reliability are achieved. An in-built magnet test allows easy activation to verify correct functionality and response.

KEY FEATURES

- Twin alarm LEDs for 360 deg visibility
- Internal algorithm processing optimises performance
- 3rd party approved
- Up to 10 year battery life
- Utilises standard low cost lithium battery technology
- Bi-directional wireless communications
- Compatible with all Hyfire translators and Expanders
- Multiple sensitivity settings
- 5 year product warranty
- Device identification tab

TECHNICAL INFORMATION

Ø 110 mm   70 mm

TECHNICAL SPECIFICATION

- Operating frequency range — 868 – 870 MHz
- Max. radiated power — 14dBm (25mW)
- Operating channels — Multiple
- Class A1R — (58°C max) or
- Class BS high temp — (78°C)
- Dimensions — 110mm x 70mm
- Batteries — 2 x CR123A
- Weight — 190g
- Temperature Range (no icing) — -10°C to +55°C **
- Max tolerated humidity (non condensing) — 95% RH
- IP Rating — 40

**Performance may vary at extremes of range

STANDARDS & APPROVALS

- BS EN 54-5 Class P: Heat Detectors. Point Detectors
- BS EN54-25: Components using radio links

CE   LPCB

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