

# DATASHEET

## HYFIRE TAURUS

### BLACK HEAT DETECTOR

#### TAU-TH-01-BL

**TAURUS**   
By Hyfire

The TAU-TH-01-BL Hyfire Taurus Black Heat Detector is the latest in wireless heat detector technology. The detector is a fully intelligent device designed to give the best possible warning of a fire condition in locations where smoke detection technology is not suitable. The device is capable of being configured as either a high temperature or rate of rise device type. 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.



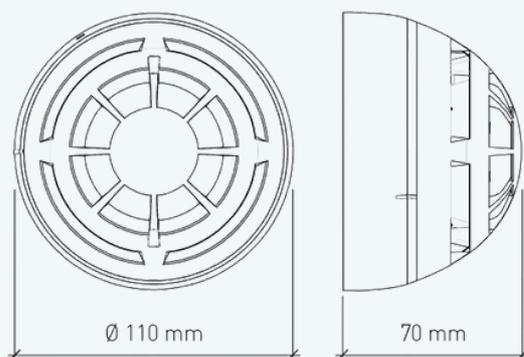
#### KEY FEATURES

- Twin alarm LEDs for 360° visibility
- Programmable for rate of rise (A1R) or high temperature (BS)
- Bi-directional wireless communication
- Can be used with Taurus addressable and conventional translators
- 22 pairs of field channels
- Dual channel redundancy
- Long communication range ( $\cong$ 1 km in open air)
- 10 year battery life
- Utilises standard low cost lithium battery technology
- Device identification tab
- Security screw to prevent tampering and unwanted removal
- Easy scan & link programming option
- 3rd party approval to EN54-5 and EN54-25
- 5 year product warranty
- Tri-colour LED

#### TECHNICAL SPECIFICATION

|                               |   |
|-------------------------------|---|
| Operating frequency range     | 868 – 870 MHz                               |
| Max radiated power            | 14dBm (25mW)                                |
| Class                         | A1R (58°C max) or Class BS high temp (78°C) |
| Dimensions                    | 110mm x 70mm                                |
| Weight (without batteries)    | 153 g                                       |
| Batteries                     | 2x CR123A                                   |
| Operating Temperature         | -10°C to +55°C                              |
| Max humidity (non condensing) | 95% RH                                      |
| IP rating                     | 40  |

#### TECHNICAL INFORMATION



#### STANDARDS & APPROVALS

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



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**BASE COMPATIBILITY**

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This device is supplied with a standard base and is compatible with the following sounder bases:

- TAU-BS-01-BL Hyfire Taurus Black Sounder Base
- TAU-BSB-23W-01-BL Hyfire Taurus Black Sounder VAD Base (White Flash) (EN54-23 approved)

