



CERTIFICATE OF CONSTANCY OF PERFORMANCE

0051-CPR-2589

In compliance with Regulation (EU) No. 305/2011 of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation, or CPR), this Certificate applies to the construction product

SOUNDER FIRE ALARM DEVICE USING RADIO LINK

Trademark: **Hyfire**
Model: **HFW-BS-05; HFW-BSB-05**

Other information: **see ANNEX**

Produced by:
HYFIRE WIRELESS FIRE SOLUTIONS Ltd
Unit B12a, Holly Farm Business Park, Honiley,
Warwickshire. CV8 1NP (UK)

In the manufacturing plant:
PI.Q0009R

This Certificate attests that all provisions concerning the assessment and verification of constancy of performance and the performances described in Annex ZA of the standard(s)

EN 54-3:2001 + A1:2002 + A2:2006
EN 54-25:2008 + AC:2012

under system **1** are applied and that **the product fulfills all the prescribed requirements set out above.**

This certificate was first issued on 2021-11-11 and will remain valid as long as the test methods and/or factory production control requirements included in the harmonized standard, used to assess the performance of the declared characteristics, do not change, and the product, and the manufacturing conditions in the plant are not modified significantly.

ING. V. BAGGIO
CPR TECHNICAL DIRECTOR

Milan, 2021-11-11

This Certificate was issued by IMQ S.p.A., a Notified Body according to Regulation (EU) No. 305/2011.
IMQ S.p.A. Identification Number is: 0051.

ANNEX

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Configuration

Plastic enclosure (dimensions: 120 (d) x 52 (h) mm) with IP21C degree of protection, containing:

- No. 1 Main board (PCB code B40-SGRB2-0004);
- No. 1 Piezoelectric buzzer (trademark Cranford Controls Ltd., model PZ118_005W v1);
- No. 1 bicolour red - green LED (trademark, Kingbright, model L-59SURKVGAW PTH Led);
- No. 2 Battery allocable (CR123A Lithium, 3 V – 1.2Ah).

HFW-BS-05 is identical to HFW-BSB-05 without supplementary visual indicator.

Technical Characteristics

- Tone patterns according to EN 54-3:
 - Warble Tone: 800 Hz for 500 ms then 1000 Hz for 500 ms;
 - Continuous tone: 970 Hz continuous;
 - Slow Whoop (Dutch): 500-1200 Hz for 3500 ms, then off for 500 ms;
 - German DIN tone: 1200-500Hz swept every 1000 ms (1Hz);
- Destination for use: Type A (for internal);
- Operating frequency band: 868 MHz ;
- Hardware identification of the microcontroller used on the main board:
 - Microchip PIC18F1320;
- Firmware identification of the microcontroller used on the main board:
 - Sirena_r_CC1120_V7p9_20170321.HEX crc16: 0xEE51.