



# CERTIFICATE OF CONSTANCY OF PERFORMANCE

## 0051 – CPR – 2596

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 USING RADIO LINKS

Trademark: **HYFIRE**

Model: **TAU-BS-01**

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

### 0051–CPR–2596

#### Configuration

The sounder model TAU-BS-01 consists of a plastic enclosure (dimensions: 129 (d) x 55 (h) mm) with IP21C degree of protection, containing:

- No. 1 Main board (PCB code B40-TWBSX-0002);
- No. 1 Piezoelectric buzzer (trademark Kingstate, model KBIG5010N08028AZ);
- No. 2 Battery allocable (CR123A Lithium, 3 V – 1.25Ah).

#### Technical Characteristics

Tone patterns in compliance with 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: 1200-500 Hz swept every 1000 ms (1 Hz);
- Destination for use: Type A (for indoor);
- Operating frequency band: 868 MHz ; 916 MHz;
- Hardware identification of the microcontroller (U4 and U5):
  - Texas Instruments, MSP430G2433 (U4);
  - STMicroelectronics, STM32L051K86 (U5);
- Firmware identification of the microcontroller (U4 and U5): v. 1.0.5 (U4) and v. 1.0.2 (U5).