

## Certificate of constancy of performance

**0832-CPR-F0262**

In compliance with Regulation 305/2011/EU of the European Parliament and of the council of 9<sup>th</sup> March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product

### **CWSS-RR-YY Conventional Sounder Beacon**

*(For full product details and conditions of use refer to appendix)*

Produced by or for

#### **KAC Alarm Company Ltd**

Thornhill Road  
North Moons Moat  
Redditch  
B98 9ND  
United Kingdom

and produced in the manufacturing plant(s)

#### **KAC Alarm Company Ltd**

Thornhill Road  
North Moons Moat  
Redditch  
B98 9ND  
United Kingdom

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 – Sounders EN 54-23:2010 - Visual alarm devices**

under system 1 are applied and that

***the product fulfils all the prescribed requirements set out above.***

This certificate was first issued on 17 April 2014 and will remain valid as long as the test methods and/or factory production control requirements included in the harmonised 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.



M McCullagh, Certification Manager  
On behalf of BRE Global Limited  
Date of issue: 17 April 2014  
Issue number: 01

This certificate remains the property of BRE Global Ltd and is issued subject to terms and conditions.  
To check the validity of this certificate, please contact us on +44 (0)1923 664100 or email [enquiries@breglobal.com](mailto:enquiries@breglobal.com).

## Appendix to Certificate of constancy of performance 0832-CPR- F0262

### Bases:

CSW 19mm shallow back box – white IP21C  
CSR 19mm shallow back box – red IP21C  
CWW 45mm deep back box – white IP33C  
CWR 45mm deep back box – red IP33C

### Notes:

1. The ceiling / wall mounted VAD meets the requirements of EN 54-23: 2010 for the following categories (light pattern details):

- Category W: W-2.4-6,
- Category C: C-3-8.9, C-6-8.2
- Flash rate 0.5Hz
- Synchronization

2. Type A with CSW / CSR shallow back box, Type B with CWW / CWR deep back box

Where W = White

Where R = Red

3. **RR** indicates red body / clear lens + red LED

4. **YY** indicates mounting option. Where S5 = shallow base (standard fix)

Where S6 = shallow base (first fix)

Where W5 = deep base (standard fix)

Where W6 = deep base (first fix)

5. Meets the requirements of EN54-3: 2001 for the following tones:

- 1) 554/440, 2Hz (100ms/400ms);
- 2) 800/970, 1Hz;
- 3) 800/970, 2Hz;
- 4) 2400/2900, 3Hz;
- 5) 2500/3100, 2Hz;
- 6) 988/645, 2Hz;
- 7) 660Hz;
- 8) 970Hz;
- 9) 1200Hz;
- 10) 2850Hz;
- 11) 2400Hz, alternating between frequencies 2400Hz, 3100Hz & 988Hz
- 12) 420Hz, 0.625s on, 0.625 sec off;
- 13) 500-1200Hz, 0.25 sec off, 3.75 sec on;
- 14) 660, 3.33Hz, 150ms on, 150ms off;
- 15) 970, 0.8Hz 0.25s on, 1s off;
- 16) 970, 0.5Hz 1s on, 1s off;
- 17) 2810, 1Hz;
- 18) 970, 1Hz 500ms on, 500ms off;
- 19) 950, 0.22Hz (0.5s on, 0.5s off) x 3, 1.5s off;
- 20) 800Hz;
- 21) 400-1200Hz, (0.5s on, 0.5s off) x 3, 1.5s off;
- 22) 1200 – 500Hz, 0.99Hz 1s on, 0.01s off;
- 23) 2400 – 2850, 7Hz;
- 24) 500 – 1200Hz, (0.5s off, 3.5s on);
- 25) 800 – 970, 50Hz;
- 26) 800 – 970, 7Hz;



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- 27) 800 – 970, 1Hz;
- 28) 2400 – 2850, 50Hz;
- 29) 500 – 1000, 7Hz;
- 30) 500 – 1200 – 500, 0.166Hz rise 1s, stable 4s, fall 1s;
- 31) 800 – 1000, 2Hz;
- 32) 2400 – 2850, 1Hz

### Variants

CWSS-WR-YY Conventional Sounder Beacon

WR = white body / clear lens + red LED



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