

## Certificate of constancy of performance

**0832-CPR-F0267**

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

**WSS-xC-Nyy Analogue Addressable Wall Mounted Sounder / LED Strobe**  
*(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 11 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.



Martin McCullagh, Certification Manager  
On behalf of BRE Global Limited  
Date of issue: 11 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- F0267

### Bases / Ancillaries:

B501AP	Mounting base – Low profile base IP21C
Bcc	Deep back box
Wcc	Waterproof deep back box IP33C

### Notes:

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

- Category O: O-2.4-2
- Flash rate 1Hz
- Synchronization

2. Type A with Bcc deep back box, Type B with Wcc deep back box

3. **x** indicates body colour. **D**=Detector White, **P**=Pure White

4. **yy** indicates customer and associated communication protocol.

01 indicates Advanced Protocol (and Honeywell 500 series protocol)

00 and 02-99 indicates Advanced Protocol (and System Sensor 500 series protocol)

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

- 1) Alternating 525/440, 2Hz (100ms/400ms);
- 2) Alternating 800/922, 1Hz;
- 3) Alternating 800/922, 2Hz;
- 4) Alternating 2400/2900, 3Hz;
- 5) Alternating 2500/3100, 2Hz;
- 6) Alternating 988/645, 2Hz;
- 7) Continuous 630Hz;
- 8) Continuous 922Hz;
- 9) Continuous 1200Hz;
- 10) Continuous 2810Hz;
- 11) Sweep 150-1000Hz, rise 10s, stable 40s, fall 10s, stable 20s, then repeating;
- 12) Intermittent 420Hz, 0.625s on, 0.625 sec off;
- 13) Sweep 500-1200Hz, 0.25 sec on, 3.75 sec off;
- 14) Intermittent 630, 3.33Hz, 150ms on, 150ms off;
- 15) Intermittent 922, 0.8Hz 0.25s on, 1s off;
- 16) Intermittent 922, 0.5Hz 1s on, 1s off;
- 17) Intermittent 2810, 1Hz;
- 18) Intermittent 922, 1Hz 500ms on, 500ms off;
- 19) Intermittent 950, 0.22Hz (0.5s on, 0.5s off) x 3, 1.5s off;
- 20) Continuous 800Hz;
- 21) Sweep 400-1200Hz, (0.5s on, 0.5s off) x 3, 1.5s off;
- 22) Sweep 1200 – 500Hz, 0.99Hz 1s on, 0.01s off;
- 23) Sweep 2400 – 2850, 7Hz;
- 24) Sweep 500 – 1200Hz, (0.5s off, 3.5s on);
- 25) Sweep 800 – 970, 50Hz;
- 26) Sweep 800 – 970, 7Hz;
- 27) Sweep 800 – 970, 1Hz;
- 28) Sweep 2400 – 2850, 50Hz;
- 29) Sweep 500 – 1000, 7Hz;
- 30) Sweep 500 – 1200 – 500, 0.166Hz rise 1s, stable 4s, fall 1s;
- 31) Sweep 800 – 1000, 2Hz;
- 32) Sweep 2400 – 2850, 1Hz



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