

BRE Global Limited & LPCB

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EC-CERTIFICATE OF CONFORMITY

0832 - CPD - 0412

In compliance with the Directive 89/106/EEC of the Council of European Communities of 21 December 1988 on the approximation of laws, regulations and administrative provisions of the Member States relating to the construction products (Construction Products Directive - CPD), amended by the Directive 93/68/EEC of the Council of European Communities of 22 July 1993, it has been stated that the construction product

IBSOU-xx-Pww Intelligent integrated detector base sounder for use in fire detection and alarm systems

(For conditions of use for the product see the attached appendix)

placed on the market by

System Sensor Europe

KAC House, Thornhill Road, North Moons Moat, Redditch, Worcestershire, B98 7AH

and produced in the factory

KAC Alarm Company Ltd

KAC House, Thornhill Road, North Moons Moat, Redditch, Worcestershire, B98 9ND

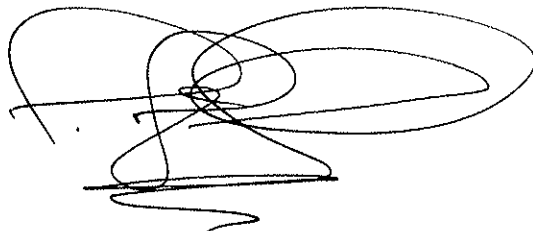
is submitted by the manufacturer to a factory production control and to the further testing of samples taken at the factory in accordance with a prescribed test plan. The initial type-testing for the relevant characteristics of the product, the initial inspection and continuous surveillance of the factory and factory production control has been performed under the control of the approved body BRE Global Limited.

This certificate attests that all provisions concerning the attestation of conformity (Level 1) and the performances described in Annex ZA of the standard(s)

EN 54 - 3: 2001 + A1: 2002 + A2: 2006 - Fire detection and fire alarm systems - Fire alarm devices - Sounders

were applied and that the product fulfils all the prescribed requirements.

This certificate was first issued on 18/4/2006 and remains valid as long as the product continues to be manufactured and the conditions laid down in the harmonised technical specification referenced or the manufacturing conditions in the factory or the FPC itself are not modified significantly and the required annual FPC assessments are maintained.



Martin McCullagh
Certification Manager
For and on behalf of BRE Global Limited

Date Of Issue: 27/5/2010

Issue Number: 4

Page: 1 of 2

This certificate remains the property of BRE Global Limited and is issued subject to terms and conditions and is maintained and held in force through regular Factory Production Control audits.

To check the authenticity of this certificate, please visit our website or contact us.

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Appendix to EC Certificate of conformity 0832 - CPD - 0412

The details and conditions of use for the IBSOU-xx-Pww Intelligent integrated detector base sounder, placed on the market by System Sensor Europe, KAC House, Thornhill Road, North Moons Moat, Redditch, Worcestershire, B98 7AH are:

To be used in accordance with the suppliers installation instructions and in conjunction with the following bases, ancillaries, sounder tones and sensitivity settings (*where applicable*):

Sounder Tones:

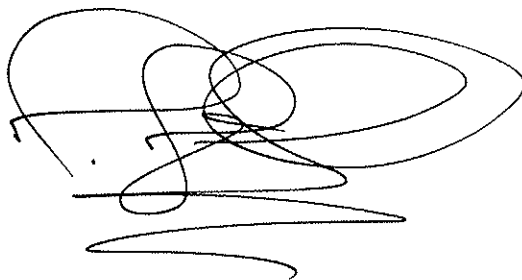
1 - Alternating 554/440 2Hz (100mS/400mS), 2 - Alternating 800/970 1Hz, 3 - Alternating 800/970 2Hz, 4 - Alternating 2400/2900 3Hz, 5 - Alternating 2500/3100 2Hz, 6 - Alternating 988/645 2Hz, 7 - Continuous 660, 8 - Continuous 970, 9 - Continuous 1200, 10 - Continuous 2850, 11 - Continuous 4000, 12 - Intermittent 660 0.05Hz 6.5s on, 13s off, 13 - Intermittent 660 0.277Hz 1.8s on, 1.8s off, 14 - Intermittent 660 3.33Hz 150mS on, 150mS off, 15 - Intermittent 970 0.8Hz 0.25s on, 1s off, 16 - Intermittent 970 1Hz 1s on, 1s off, 17 - Intermittent 2850 1Hz, 18 - Intermittent 970 1Hz 500mS on, 500mS off, 19 - Intermittent 950 0.22Hz (0.5s on, 0.5s off) *3, 1.5s off, 20 - Intermittent 2850 4Hz 150mS on, 100mS off, 21 - Sweep 400-1200 (0.5s on, 0.5s off)*3, 1.5s off, 22 - Sweep 1200 - 500 0.99Hz 1s on, 0.01s off, 23 - Sweep 2400 - 2850 7Hz, 24 - Sweep-Slow Whoop 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

Variants:

IBSOU-RR-Pww - Red housing
IBSOU-WW-Pww - Bright White housing
IBSOU-DD-Pww - Detector White housing
IBSOU-KK-Pww - Black housing
IBSOU-PW-Pww - Pure White housing

Notes:

- 1) xx denotes the body colour identified as a variant
- 2) ww (range 0-99 odd numbers only) indicates the communication software protocol



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