

# **BRE Certification Limited and LPCB**

*Bucknalls Lane, Garston, Watford, Hertfordshire, WD25 9XX*

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## **EC-CERTIFICATE OF CONFORMITY**

### **0832 - CPD - 0297**

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

### **18-980502 Conventional Type A/B sounder with LED strobe - Red head / red base for use in fire detection and alarm systems**

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

placed on the market by

**Klaxon Signals Ltd  
Wrigley Street, Oldham, OL4 1HW**

and produced in the factory

**Klaxon Signals Ltd  
Wrigley Street, Oldham, OL4 1HW**

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 Certification 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 - 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 9/2/2006 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  
For and on behalf of BRE Certification Limited

Date of Issue: 14/1/2008  
Issue Number: 2  
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This certificate remains the property of BRE Certification Ltd 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 - 0297

The details and conditions of use for the 18-980502 Conventional Type A/B sounder with LED strobe - Red head / red base, placed on the market by Klaxon Signals Ltd 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*):

### Bases:

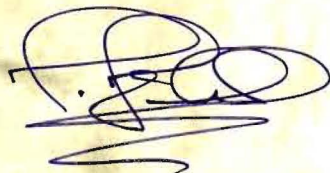
- 18-980513 - Shallow base - White (Type A)
- 18-980514 - Deep base - White (Type B)
- 18-980467 - Shallow base - Red (Type A)
- 18-980468 - Deep base - Red (Type B)

### Sounder Tones:

- 1 - Continuous 970 Hz
- 2 - Alternating 800-970 @ 2 Hz
- 3 - Sweep 800-970 @ 1 Hz
- 4 - Apollo Alert Tone - 970Hz 1s OFF/1s ON
- 5 - Apollo Alert Tone - 970Hz, 0.5s/630Hz, 0.5s
- 6 - Alternating 554 Hz, 0.1s / 440 Hz, 0.4s
- 7 - Sweep 500-1200 Hz, 3.5s / Off, 0.5s
- 13 - Sweep 1200-500 Hz @ 1 Hz

### Variants:

- 18-980516 - Red head / white base
- 18-980505 - Amber head / red base
- 18-980517 - Amber head / white base
- 18-980613 - Clear head / white base



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