



**VCA Headquarters**  
1 The Eastgate Office Centre  
Eastgate Road  
Bristol, BS5 6XX  
United Kingdom

Switchboard: +44 (0) 117 951 5151  
Direct line: +44 (0) 117 952 4171  
Main Fax: +44 (0) 117 952 4103  
Email: enquiries@vca.gov.uk  
Web: www.vca.gov.uk

THE UNITED KINGDOM VEHICLE APPROVAL AUTHORITY

Rev 1/05

COMMUNICATION CONCERNING THE APPLICATION OF THE COUNCIL DIRECTIVE OF 20 JUNE 1972 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES RELATING TO A TYPE OF COMPONENT WITH REGARD TO RADIO INTERFERENCE SUPPRESSION (72/245/EEC) AS LAST AMENDED BY 2004/104/EC .

Type Approval No: e11\*72/245\*2004/104\*3766\*01

EC type-approval mark to be affixed on ESA:

Reason for Extension: Add new model variants

**SECTION I**

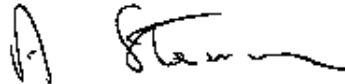
- 0.1 Make (trade name of manufacturer): Woodway Engineering Limited
- 0.2 Type: Switch system primarily for the control of automotive visual and audible warning systems on emergency vehicles.
- 0.3 Means of identification of type, if marked on the component:  
Part No, CLKSY5, ZEO1751, CLKSYS4-ROK505, BETA 112R-ROK505, BETA112R-4SO, BETA112X-4SO, 01-0264530, MLK1HCR, MLK1LCR, ZEO174, ZEO173, CLR5, ZEO176 and SVOSPO4RF
- 0.3.1 Location of that marking: Label on top or base of unit
- 0.5 Name and address of manufacturer:  
Woodway Engineering Ltd,  
Lower Road  
Barnacle  
Coventry  
CV7 9LD  
United Kingdom  
Name and address of authorised representative, if any: Not applicable
- 0.7 In the case of components and separate technical units, location and method of affixing of the EC type-approval mark: Part of label noted in section 0.3.1



0.8 Address(es) of assembly plant(s): As in section 0.5 and:

Whelen Engineering  
Route 145  
Winthrop Road  
Chester  
CT06412-0684  
United States of America

**SECTION II**

1. Additional information (where applicable): See Addendum
2. Technical service responsible for carrying out the tests: SGS EMC Services
3. Date of test report: As before and 16 April 2006
4. Number of test report: As before and DUR44263/GH/A/06
5. Remarks (if any): (See Appendix)
6. Place: BRISTOL
7. Date: 28 APRIL 2006
8. Signature:  A. W. STENNING  
Head of Product Certification
9. The index to the information package lodged with the approval authority, which may be obtained on request, is attached.

EAF071688



**APPENDIX**

to EC Type Approval Certificate No: e11\*72/245\*2004/104\*3766\*01  
concerning the type approval of an electric/electronic sub-assembly with  
regard to Directive 72/245/EEC as last amended by Directive 2004/104/EC

1. Additional information
  - 1.1 Electrical system rated voltage: 12/24 volt negative ground
  - 1.2 This ESA can be used on any vehicle type with the following restrictions: 12/24 volt negative ground
    - 1.2.1 Installation conditions, if any: These electronic subassemblies should be fitted according to the following manufacturer's instructions: with consideration to normal safety issues and the installation instructions supplied with the product/s.
  - 1.3 This ESA can only be used on the following vehicle types: Not applicable
    - 1.3.1 Installation conditions, if any: Not applicable
  - 1.4 The specific test method(s) used and the frequency ranges covered to determine immunity were (please specify precise method used from Annex 1X): BC1. 20 to 400MHz at 60 m-Amps and Free Field 400 to 2000MHz at 30 V/M
  - 1.5 Laboratory accredited to ISO 17025 and recognised by the Approval Authority (for the purpose of this Directive) responsible for carrying out the test: Vehicle Certification Agency witnessed test at : SGS EMC Services, Durham.
5. Remarks: None

(1) *Delete as applicable*

(2) *If the means of identification of type contains characters not relevant to describe the vehicle, component or separate technical unit types covered by this information document/type-approval certificate, such characters shall be represented in the documentation by the symbol '?' (e.g. ABC??123??).*

