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THE UNITED KINGDOM VEHICLE APPROVAL AUTHORITY

Rev 2/05

⊝D**ec**-0⊲

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 2005/83/EC.

Type Approval No: e11*72/245*2005/83*4033*00

EC type-approval mark to be affixed on ESA: e11 034033

Reason for Extension: Not applicable

SECTION I

0.1 Make (trade name of manufacturer); Woodway Engineering Limited

0.2 Type: Emergency Vehicle, Siren Systems

0.3 Means of identification of type, if marked on the component:

ALPHA SIREN AMPLIFIER SERIES: ALPHA12M, ALPHA12R, ALPHA12S, ALPHA12X, ALPHA22L, ALPHA22M, ALPHA24R, ALPHA24S, ALPHA1, ALPHA2, ALPHA3, ALPHA4, ALPHA5, RH1002, RH1003

BETA SIREN AMPLIFIER SERIES: BETA112E, BETA112R, BETA112X, BETA124E,

BETA124R, BETAMIC, BETA1, BETA2

295SL SIREN AMPLIFIER SERIES: 295SL100, 295SL101, 295SL102

HHS2100 SIREN AMPLIFIER SERIES: HHS2100 SVO SIREN AMPLIFIER SERIES: SVO12, SVO24

WPA SIREN AMPLIFIER SERIES: WPA1, WPA2, WPA112, WPA3BM, WPA3BW,

WPA3FM

295HF SIREN AMPLIFIER SERIES: 295HF100, 295HF112

295HFS()1 SIREN AMPLIFIER SERIES: 295HFSA1, 295HFSB1, 295HFSC1, 295HFSD1,

295HFSE1, 295HFSF1, 295HFSM1, 295HFSP1, 295HFSW1, 295HFSX1

WS2100 SIREN AMPLIFIER: WS2100

295HFS SIREN AMPLIFIER SERIES: 295HFS2, 295HFS2B, 295HFS3, 295HFS3B, 295HFS4, 295HFSA, 295HFSA5, 295HFSA5, 295HFSA6, 295HFSC6, 295HON12, DUAL SIREN AMPLIFIER SERIES: 295HFSA7, 295HFSA8, 295HFSC9, 295HFSDA

PAH/PAP SIREN AMPLIFIER SERIES: PAH112, PAP112

ICON/IDR DRIVER; PCDS9NC

SIREN TEST VOLUME REDUCTION: STRVU

SPEAKERS: PROJECT SERIES, SA32 SERIES, SA40, SA122 SERIES, SD210 SERIES, SA314 SERIES, SA311 SERIES, SA340 SERIES, SA350 SERIES, SA380 SERIES, SA360 SERIES, SA50 SERIES, SA50 SERIES, SA50 SERIES, SA50 SERIES, SA50 SERIES, SA50 SERIES, SA50

SERIES, UST SERIES

An executive agency of the Department for Transport

72/245/EEC AS LAST AMENDED BY 2005/83/EC

- 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

- 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 or separate label.
- 0.8 Address(es) of assembly plant(s):

Woodway Engineering Ltd Lower Road Barnacle Coventry CV7 9LD

United Kingdom

Whelen Engineering Route 145 Winthrop Road

Chester CT 06412

United States of America



72/245/EEC AS LAST AMENDED BY 2005/83/EC

SECTION II

- 1. Additional information (where applicable): Not applicable
- 2. Technical service responsible for carrying out the tests: SGS
- 3. Date of test report: 8 December 2006.
- 4. Number of test report: AUT105337/GT/06
- 5. Remarks (if any): See Appendix
- 6. Place: BRISTOL
- Date: 14 DECEMBER 2006
- 8. Signature: VI Stew

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.

EAG078707



72/245/EEC AS LAST AMENDED BY 2005/83/EC

APPENDIX

to EC Type Approval Certificate No: e11*72/245*2005/83*4033*00

concerning the type approval of an electric/electronic sub-assembly with regard to Directive 72/245/EEC as last amended by Directive 2005/83/EC

1.	Additional information
1.1	Electrical system rated voltage: 12 (or 24 where stated) volt negative earth
1.2	This ESA can be used on any vehicle type with the following restrictions: 12 (or 24 where stated) volt negative earth.
1.2.1	Installation conditions, if any: See manufacturer's documentation
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): 20 to 400MHz (BCI at 60 m-Amps) 400 to 2000MHz (Free-field 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: SGS IEA UK Ltd, (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??).

