

**VCA Headquarters**

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Mr G Hann
Directed Electronics
C/O SGS

Your Reference:

Date: 28 February 2008

Dear Mr Hann

MANUFACTURER OR ACCREDITED AGENT: Directed Electronics Inc

ECE REGULATION/EEC DIRECTIVE: 72/245EC, R10, 74/61EC, R97

Job No.	Vehicle Component	Approval No.
EAH183969	CAN bus alarm systems	e11*72/245*2006/28*4543*00 10R-02 4543 e11*74/61*95/56*2311*00 97R-2311

1. This vehicle component has been tested and meets the requirements of the above ECE Regulation/EEC Directive. I enclose a set of approval documents, comprising the approval, test report and your documentation duly authenticated.

2. If you think there are any errors in the enclosed package, please contact Andrew Meadows, telephone 0117 952 4187, e-mail andrew.meadows@vca.gov.uk immediately. Please be aware that from the date of issue we have a three week holding period, any corrections required after this time will need to be corrected via an extension, index revision or correction 1 certificate, as appropriate.

ROAD TRAFFIC ACT 1988 - SECTION 80

3. The Secretary of State for Transport authorises, under section 80 of the Road Traffic Act 1988, the above manufacturer or accredited agent to apply to the motor vehicle type/part specified, the appropriate mark designated in the Motor Vehicles (Designation of Approval Marks) Regulations 1979, as amended. The conditions attached to this authorisation are set out overleaf.

4. If this approval/extension results in a change being needed to a vehicle information document issued under the goods vehicle or passenger car national type approval scheme, you should notify us (i.e. submit a 'notifiable alteration') as soon as possible, using the address VCA (Whole Vehicle), Room 1.2, The Eastgate Office Centre, Eastgate Road, Bristol BS5 6XX.

5. VCA is continually scrutinising the quality of the service it provides to customers, in order to discover more ways in which the standard can be improved. If you have a specific complaint concerning the way this job has been dealt with, our customer services leaflet gives guidance on the best approach. If you would like a copy, please contact the undersigned.

Yours sincerely

Jessica Stephens
Product Certification



INVESTOR IN PEOPLE



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VCA China
Beijing
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Fax: +8610 852 830 97



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THE UNITED KINGDOM VEHICLE APPROVAL AUTHORITY

COMMUNICATION CONCERNING THE TYPE APPROVAL OF A TYPE OF COMPONENT, WITH
REGARD TO DIRECTIVE (72/245/EEC) AS LAST AMENDED BY DIRECTIVE 2006/28/EC .

Type Approval No: e11*72/245*2006/28*4543*00

Reason for Extension: Not applicable

SECTION I

- 0.1 Make (trade name of manufacturer): Directed Electronics Inc
- 0.2 Type: Universal fitment CAN bus alarm systems for vehicle
- 0.3 Means of identification of type, if marked on the component: Clifford 330X1 (part No. 2901XT), Clifford 330X2 (part No. 3902XT), Clifford 330X3 (part No. 3903XT).
- 0.3.1 Location of that marking: The model name is usually mounted on the top plastic half of the enclosure and sides of box. The model number is mounted on the bottom of the box.

0.5 Name and address of manufacturer:

Directed Electronics Inc
Viper Way, Vista
San Diego
California
92083
usa

Name and address of authorised representative, if any:

Directed Electronics Inc,
Unit C, Longmead Business Centre
Blenheim Road
Epsom
Surrey
KT19 9QQ

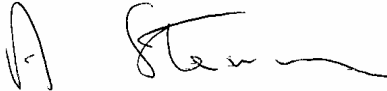


0.7 In the case of components and separate technical units, location and method of affixing of the EC approval mark: Production label will be fixed on the top of the metal enclosure.

0.8 Address(es) of assembly plant(s):

Nutek Corporation
5F, No.3 Alley 6, Lane 45
Pao-Hsing Road
Hsing – Tien City
Taipei
Taiwan

SECTION II

1. Additional information (where applicable): see Appendix 2
2. Technical service responsible for carrying out the tests: SGS IEA UK Limited
3. Date of test report: 31 December 2007
4. Number of test report: AUT114398/1/GT/07
5. Remarks (if any):
6. Place: BRISTOL
7. Date: 28 FEBRUARY 2008
8. Signature:  A. W. STENNING
Head of Technical and Quality Group
9. The type-approval file deposited at the Administrative Service having delivered the type-approval, may be obtained on request.

APPENDIX

to EC Type Approval Certificate No: e11*72/245*2006/28*4543*00

concerning the type approval of an electric/electronic sub-assembly with regard to Directive 72/245/EEC as last amended by Directive 2006/28/EC

1. Additional information
 - 1.1 Electrical system rated voltage: 12V DC
 - 1.2 This ESA can be used on any vehicle type with the following restrictions: 12V DC
 - 1.2.1 Installation conditions, if any: See instructions supplied
 - 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 Limited (Durham)
5. Remarks: None



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THE UNITED KINGDOM VEHICLE APPROVAL AUTHORITY

Rev 1/03



COMMUNICATION CONCERNING THE APPROVAL GRANTED OF A TYPE OF ELECTRICAL/ELECTRONIC SUB-ASSEMBLY ⁽¹⁾ WITH REGARD TO REGULATION NO: 10 AS AMENDED BY THE 02 SERIES OF AMENDMENTS

Approval No: 10R-02 4543

Reason(s) for extension: Not applicable

1. Make (trade name of manufacturer): Directed Electronics Inc
2. Type and general commercial description(s): Universal fitment CAN bus alarm systems for vehicle
3. Means of identification of type, if marked on the component: Clifford 330X1 (part No. 3901XT), Clifford 330X2 (part No. 3902XT), Clifford 330X3 (part No. 3903XT)
 - 3.1 Location of that marking: The model name is usually mounted on the top plastic half of the enclosure and sides of box. The model number is mounted on the bottom of the box.
4. Category of vehicle: Not applicable
5. Name and address of manufacturer:

Directed Electronics Inc
Viper Way, Vista
San Diego
California 92083
USA
6. In the case of components and separate technical units, location and method of affixing of the ECE approval mark: Production label will be fixed on the top of the metal enclosure.



7. Address(es) of assembly plant(s):

Nutek Corporation
5F, No. 3 Alley 6
Lane 45
Pao-Hsing Road
Hsing-Tien City
Taipei
Taiwan

8. Additional information (where applicable): See Appendix

9. Technical service responsible for carrying out the tests: SGS IEA UK Limited

10. Date of test report: 31 December 2007

11. Number of test report: AUT114398/1/GT/07

12. Remarks (if any): See Appendix

13. Place: BRISTOL

14. Date: 28 FEBRUARY 2008

15. Signature: 

A W STENNING
Head of Technical and Quality Group

16. The index to the information package lodged with the approval authority, which may be obtained on request is attached.

EAH183969



**Appendix to Type Approval Communication Certificate No: 10R-02 4543
concerning the type approval of an electrical/electronic sub-assembly under Regulation No: 10**

1. Additional information
 - 1.1. Electrical system rated voltage: 12V negative ground
 - 1.2 This ESA can be used on any vehicle type with the following restrictions: 12V negative ground
 - 1.2.1 Installation conditions, if any: See manufacturer's instructions
 - 1.3 This ESA can be used only 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 9): BCI20 to 400MHz at 60 m-Amps, 400 to 2000MHz. Free field at 30 V/m.
 - 1.5 Approved/accredited laboratory (for the purpose of this Regulation) responsible for carrying out the test: SGS IEA UK Limited (Durham)
2. Remarks: None





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THE UNITED KINGDOM VEHICLE APPROVAL AUTHORITY

Rev 1/03

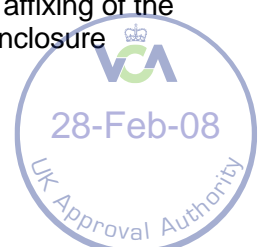
COMMUNICATION CONCERNING THE GRANTING OF EEC TYPE APPROVAL OF A
COMPONENT OF A VEHICLE IMMOBILIZER WITH REGARD TO DIRECTIVE 74/61/EEC AS LAST
AMENDED BY 95/56/EC

Type Approval No: e11*74/61*95/56*2311*00

Reason(s) for Extension: Not applicable

SECTION I

- 0.1 Make (trade name of manufacturer): Directed Electronics
- 0.2 Type and general commercial description(s): Universal fitment CAN bus alarm systems for vehicle
- 0.3 Means of identification of type if marked on the component: Clifford 330X1 (part No. 3901XT), Clifford 330X2 (part No. 3902XT), Clifford 330X3 (part No. 3903XT)
- 0.3.1 Location of that marking: The model name is usually mounted on the top plastic half of the enclosure and sides of box. The model number is mounted on the bottom of the box.
- 0.4 Category of vehicle: Not applicable
- 0.5 Name and address of manufacturer:
- Directed Electronics Inc
Viper Way, Vista
San Diego
California
92083
USA
- 0.7 In the case of components and separate technical units, location and method of affixing of the EEC type approval mark: Production label will be fixed on the top of the metal enclosure

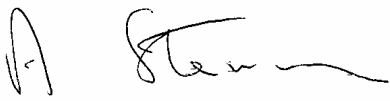


0.8 Address(es) of assembly plant(s):

Nutek Corporation
5F No.3 Alley 6, Lane 45
Pao-Hsing Road
Hsing-Tien City
Taipei
Taiwan



SECTION II

1. Additional information (where applicable): See addendum
2. Technical service responsible for carrying out the tests: SGS IEA UK Limited
3. Date of test report: 31 December 2007
4. Number of test report: AUT114398/2/GT/07
5. Remarks (if any): See addendum
6. Place: BRISTOL
7. Date: 28 FEBRUARY 2008
8. Signature:  A. W. STENNING
Head of Technical and Quality Group
9. The index to the information package lodged with the approval authority, which may be obtained on request, is attached.

EAH183969



Addendum

to EEC Type Approval Certificate No: e11*74/61*95/56*2311*00

concerning the type approval as a separate technical unit/component* of a vehicle immobilizer with regard to Directive 74/61/EEC, as last amended by Directive 95/56/EC

1. Additional information:
 - 1.1 Trade name or mark of the alarm system: Clifford 330X1 (part No. 3901XT), Clifford 330X2 (part No. 3902XT), Clifford 220X3 (part No. 3903XT)
 - 1.2 Type of the alarm system: Universal fitment CAN bus alarm systems for vehicle
 - 1.3 Brief description of the alarm system: 12 volt DC alarm which operates from the vehicles "CAN" bus. With battery back up siren, and sensors ultrasonic, door/boot/bonnet, ignition, also built in shock and a trigger for one immobiliser circuit.
 - 1.4 List of vehicles to which the immobilizer is intended to be fitted: Not applicable
 - 1.5 Types of vehicle on which the immobilizer has been tested: Ford Sierra, 5 door, 1.6L model
 - 1.6 List of main components, duly identified, comprising the alarm system: Main control unit, battery back up siren, LED/switch-pin unit, ultrasonic module, and cable harnesses.
5. Remarks: None





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THE UNITED KINGDOM VEHICLE APPROVAL AUTHORITY

Rev 1/03



COMMUNICATION CONCERNING THE APPROVAL GRANTED OF A
TYPE OF VEHICLE ALARM SYSTEM (VAS) PURSUANT TO PART I OF
REGULATION NO: 97.01

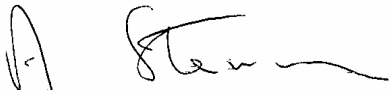
Approval No: 97R-2311

1. Trade name or mark of the VAS: Directed Electronics Inc
2. Type of VAS: Clifford 330X1 (part No. 3901XT), Clifford 330X2 (part No. 3902XT), Clifford 330X3 (part No. 3903XT)
3. Manufacturer's name and address:

Directed Electronics Inc
Viper Way, Vista
San Diego
California 92083
USA
4. If applicable, name and address of manufacturer's representative:

Directed Electronics Inc
Unit C, Longmead Business Centre
Blenheim Road
Epsom
Surrey
KT19 9QQ
5. Brief description of the VAS and of the immobilizer (if applicable):
12 volt DC alarm which operates from the vehicles "CAN" bus. With battery back up siren, and sensors ultrasonic, door/boot/bonnet, ignition, also built in shock and a trigger for one immobiliser circuit.
6. Type of vehicle on which the VAS has been tested: Ford Sierra, 5 door, 1.6L model
7. System submitted for approval on: 29 November 2007



8. Technical service responsible for conducting approval test: SGS IEA UK Limited
9. Date of test report issued by that service: 31 December 2007
10. Number of test report issued by that service: AUT114398/2/GT/07
11. Approval GRANTED:
12. Reason(s) for extension of approval: Not applicable
13. If applicable, position of the approval mark(s) on the main component: Production label will be fixed on the top of the metal enclosure.
14. Place: BRISTOL
15. Date: 28 FEBRUARY 2008
16. Signature:  A W STENNING
Head of Technical and Quality Group
17. The following documents, bearing the approval number shown above, are retained by the issuing authority:
- list of components, duly identified, constituting the VAS; Main control unit, battery back up siren, LED/switch-pin unit, ultrasonic module, and cable harnesses.
 - list of files deposited with the Administrative Service which granted type approval, and which can be obtained upon request.

EAH183969

