

NSAI
Certification

EC TYPE-APPROVAL CERTIFICATE

With regard to Radio Interference of Motor Vehicles

Communication concerning the type-approval of a type of ~~vehicle~~/component/~~separate technical unit~~
with regard to Directive 72/245/EEC as last amended by Directive 2009/19/EC.

EC Type Approval No: ***e24*72/245*2009/19*1885*00***

EC Type-approval mark to be affixed on ESA: ***e24031885 (See directive for size of font).***

Reason for extension: ***- N/A***

SECTION I

0.1 Make (trade name of manufacturer's): ***BRIGADE***

0.2 Type and general commercial description: ***VBV-770DM
7" TFT LCD Colour Monitor***

0.3 Means of identification of type, if marked on the separate technical unit: ***See 0.2 above***

0.3.1 Location of that marking: ***On the housing of the unit.***

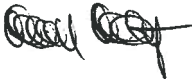
0.4 Category of vehicle: ***See Appendix.***

0.5 Name and address of manufacturer: ***Brigade Electronics PLC
Brigade House, The Mills, Station Road
South Darenth, DA4 9BD UK***

0.6 In the case of components and separate technical units, location and method of affixing of the EEC approval mark: ***On the housing of the unit.
Incorporated into a label.***

0.8 Address(es) of assembly plant(s): ***Brigade Electronics PLC
Brigade House, The Mills, Station Road
South Darenth, DA4 9BD UK***

SECTION II

1. Additional information (where applicable): *See Appendix.*
2. Technical service responsible for carrying out the tests: *TÜV SÜD AUTOMOTIVE GMBH.*
3. Date of test report: *08.06.2010*
4. Number of test report: *10-00105-ES-GBM-00*
5. Remarks (if any): *See Appendix.*
6. Place: *Dublin.*
7. Date: *14th June 2010*
8. Signature: 
9. The type approval file deposited at the Administrative Service having delivered the type-approval may be obtained on request.
10. Documentation: *46 pages.*



Appendix

to EC Type Approval Certificate No.: *e24*72/245*2009/19*1885*00*

Concerning the type approval of an electrical/electronic sub-assembly with regard to Directive 72/245/EEC,
as last amended by Directive 2009/19/EC.

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|-------|---|---|
| 1. | Additional information | |
| 1.1. | Electrical system rated voltage: | <i>12 / 24 volts nominal.</i> |
| 1.2. | This ESA can be used on any vehicle type with the following restrictions: | <i>12V/24V, battery negative on the body.</i> |
| 1.2.1 | Installation conditions, if any: | <i>See manufacturer's specifications.</i> |
| 1.3. | This ESA can only be used on the following vehicle types: | <i>N/A.</i> |
| 1.3.1 | Installation conditions, if any: | <i>N/A.</i> |
| 1.4. | The specific test method(s) used and the frequency ranges covered to determine immunity were: | <i>Free field method (400 - 2000MHz)
Bulk current injection (20 – 400MHz)</i> |
| 1.5 | Laboratory accredited to ISO 17025 and recognised by the Approval Authority (for the purpose of this Directive) responsible for carrying out the tests: | <i>TÜV SÜD AUTOMOTIVE GMBH.</i> |
| 5. | Remarks: | <i>N/A.</i> |

Concerning the type approval of a vehicle with regard to Directive 72/245/EEC, as last amended
by Directive 2009/19/EC.

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|--------|---|-------------|
| 1. | Additional information | |
| 1.1. | Electrical system rated voltage: | <i>N/A.</i> |
| 1.2. | Type of bodywork: | <i>N/A.</i> |
| 1.3. | List of all electronic functions (concerned by that directive) installed in the vehicle: | <i>N/A.</i> |
| 1.3.1. | Vehicle equipped with 24GHz short-range radar equipment (yes/No): | <i>N/A.</i> |
| 1.4. | Laboratory accredited to ISO 17025 and recognised by the Approval Authority (for the purpose of this Directive) responsible for carrying out the tests: | <i>N/A.</i> |
| 5. | Remarks: | <i>N/A.</i> |

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