

## THE UNITED KINGDOM VEHICLE APPROVAL AUTHORITY

COMMUNICATION CONCERNING THE APPROVAL GRANTED (1)/APPROVAL EXTENDED (4)/APPROVAL REFUSED (4)/APPROVAL WITHDRAWN (4)/PRODUCTION DEFINITIVELY DISCONTINUED (1) OF A TYPE OF ELECTRICAL/ELECTRONIC SUB-ASSEMBLY (1) WITH REGARD TO REGULATION NO. 10.04



Approval No:

10R-048769

Extension No: Not applicable

- 1. Make (trade name of manufacturer): Brigade Electronics Group Plc
- 2. Type and general commercial description(s): BackEye digital wireless receiver and BackEye digital wireless transmitter
- 3. Means of identification of type, if marked on the <del>vehicle/component/</del>separate technical unit: (1) DW-1000RX-M; DW-1000RX; DW-1000RX-M(xxx); DW-1000RX(xxx) where xxx can represent any associated variant. Letter 'x' can be substituted with any alphanumerical characters. Variants can involve customised splash screens and/or OSD modifications which cannot affect EMC performance.
  - DW-1000TX-M; DW-1000TX; DW-1000TX-M(xxx); DW-1000TX(xxx) where xxx can represent any associated variant. Letter 'x' can be substituted with any alphanumerical characters. Variants can involve customised splash screens and/or OSD modifications which cannot affect EMC performance.
- 3.1. Location of that marking: Adhesive label for model number affixed to the back of the product, separate adhesive label for serial number affixed to the back of the product.
- 4. Category of vehicle: Not applicable
- 5. Name and address of manufacturer:
  Brigade Electronics Group Plc
  Brigade House
  The Mills Trading Estate
  Station Road
  South Darenth
  Kent
  DA4 9BD
  United Kingdom



- 6. In the case of components and separate technical units, location and method of affixing of the ECE approval mark: On adhesive label for model number affixed to the back of the product
- 7. Address(es) of assembly plant(s):
  No.78, Gongye 3rd Road
  Technology Industrial Park
  Tainan City
  70955
  Taiwan
  Republic of China
- 8. Additional information (where applicable): See Appendix
- 9. Technical Service responsible for carrying out the tests: RN Electronics Ltd.
- 10. Date of test report: 09 January 2015
- 11. No. of test report: 01-7767-2-15 Issue 01
- 12. Any remarks: See Appendix
- 13. Place: BRISTOL
- 14. Date: 15 JANUARY 2015
- 15. Signature: Stemmy

A. W. STENNING Head of Technical and Quality Support Group

- 16. The index to the information package lodged with the Approval Authority, which may be obtained on request, is attached.
- 17. Reasons for extension: Not applicable
- (1) Strike out what does not apply.



## **Appendix**

## to type-approval communication form No. E11 10R-048769

concerning the type-approval of an electrical/electronic sub-assembly under Regulation No. 10.04

- 1. Additional information:
- 1.1. Electrical system rated voltage: 12VDC and 24VDC nominal pos/neg ground<sup>(1)</sup>
- 1.2. This ESA can be used on any vehicle type with the following restrictions: Not applicable
- 1.2.1. Installation conditions, if any: Not applicable
- 1.3. This ESA can be used only on the following vehicle types: See manufacturer's documentation
- 1.3.1. Installation conditions, if any: See manufacturer's documentation
- 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): Free field (400 MHz 2 GHz), Bulk current injection (20 400 MHz).
- 1.5. Laboratory accredited to ISO 17025 and recognized by the Approval Authority responsible for carrying out the tests: RN Electronics Ltd., United Kingdom.
- 2. Remarks: None
- (1) Strike out what does not apply.

