



THE UNITED KINGDOM VEHICLE APPROVAL AUTHORITY

COMMUNICATION CONCERNING THE APPROVAL GRANTED⁽¹⁾/ APPROVAL EXTENDED⁽¹⁾/
~~APPROVAL REFUSED⁽¹⁾/ APPROVAL WITHDRAWN⁽¹⁾/ PRODUCTION DEFINITELY
DISCONTINUED⁽¹⁾~~ OF A TYPE OF ELECTRICAL/ ELECTRONIC SUB-ASSEMBLY⁽¹⁾ WITH
REGARD TO REGULATION NO. 10.05



Approval No: 10R-059759

Extension No: 01 Correction 01

1. Make (trade name of manufacturer): Brigade Electronics Group PLC
2. Type and general commercial description(s): Mobile Digital Recorder System 8 Channels
3. Means of identification of type, if marked on the ~~vehicle~~/component/ ~~separate technical unit~~:⁽¹⁾

MDR-508GW-1000 / MDR-508XX-XXXX(XXX) which consists of:


1x MDR-508-DS / MDR-508-DS(XXX); 1 x MDR-508GW-EXP / MDR-508XX-EXP-XX(XXX);
1 x MDR-500-1000-MCU / MDR-500-XXXX-MCUXXXXXXXXX(XXX); 1 x SD-32GB-IND / SD-
64GB-IND / SD-XXGB-IND(XXX); 1 x MDR-PWR-01 / MDR-PWR-XX(XXX); 1 x MDR-IO-01 /
MDR-IO-XX(XXX); 1 x MDR-ANT-GPS-02 / MDR-ANT-GPS-XX(XXX); 1 x MDR-ANT-MOB-01 /
MDR-ANT-MOB-XX(XXX); 1 x MDR-ANT-WIFI-01 / MDR-ANT-WIFI-XX(XXX); 1 x MDR-
MOUSE-01 / MDR-MOUSE-XX(XXX); 1 x MDR-USB-B-02 / MDR-USB-B-XX(XXX).

Optional Accessories:

1 x MDR-FPB-02 / MDR-FPB-XX(XXX); 1 x MDR-04RPC / MDR-XXRPC(XXX); 1 x MDR-RP-02
/ MDR-RP-XX(XXX); 1 x MDR-400-GS01 / MDR-400-GSXX(XXX) / MDR-GS-02 / MDR-GS-
XX(XXX); 1 x MDR-03GSC / MDR-XXGSC(XXX) / MDR-02GSC-02 / MDR-02GSC-XX(XXX)

(Where the "X" can represent any character for any associated variant. Bespoke models can have reduced electronic component population and cabling, software changes, customised settings or differing equipment connections).

- 3.1. Location of that marking: Adhesive labelling on the main assembly underneath the removeable storage unit
4. Category of vehicle: All categories of vehicle

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 approval mark: Adhesive labelling on the main assembly underneath the removeable storage unit
7. Address(es) of assembly plant(s):
5th-6th Floor West
Chuangxiang 2nd Building
Yanxiang Technology Park
11# High-tech West Road
Guangming District
Shenzhen
Guangdong Province
People's Republic of China
8. Additional information (where applicable): See appendix
9. Technical Service responsible for carrying out the tests: Vehicle Certification Agency
10. Date of test report: As before (07 July 2017) and 08 September 2020
11. No. of test report: As before (CSS386550) and CSW500348
12. Remarks (if any): Approval to Supplement 1
13. Place: BRISTOL
14. Date: 09 OCTOBER 2020
15. Signature: 
D LAWLOR
Chief Technical and Statutory Operations Officer
16. The index to the information package lodged with the Approval Authority, which may be obtained on request, is attached.

17. Reasons for correction: To cover correction to MDR-USB-BXX(XXX) under point 3. to include '-' it should be MDR-USB-B-XX(XXX)

(1) Strike out what does not apply.

Appendix

to type-approval communication form No. 10R-059759 Extension 01 Correction 01

concerning the type-approval of an electrical/electronic sub-assembly under Regulation No. 10.05

1. Additional information:

1.1. Electrical system rated voltage: 12V-24V ~~pos~~/neg ground ⁽¹⁾

1.2. This ESA can be used on any vehicle type with the following restrictions: Not applicable

1.2.1. Installation conditions, if any:

1.3. This ESA can be used only on the following vehicle types: Not applicable

1.3.1. Installation conditions, if any:

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):

400 MHz to 2 GHz: Absorber chamber test according ISO 11452-2;
20 MHz to 400 MHz: Bulk current injection testing according ISO 11452-4

1.5. Laboratory accredited to ISO 17025 and recognized by the Approval Authority responsible for carrying out the tests: Shanghai Inspection and Testing Institute of Instruments and Automation Systems Co., Ltd.

2. Remarks: None

(1) Strike out what does not apply.

Approval History

EXTENSION No.	REASON FOR EXTENSION	JOB NUMBER	APPLICATION DATE
00(Base approval)	FIRST APPLICATION	CSS386550	07 March 2017
01	1)PCB related component changes and change in model numbers 2)Change the manufacturer's trade name and address.	CSW500348	17 July 2020