



THE UNITED KINGDOM VEHICLE APPROVAL AUTHORITY

COMMUNICATION CONCERNING APPROVAL GRANTED OF A TYPE OF ELECTRONIC SUB-ASSEMBLY WITH REGARD TO REGULATION NO. 10.05



Approval No: E11*10R05/01*11819*00

1. Make (trade name of manufacturer): Brigade Electronics Group PLC
2. Type and general commercial description(s): Mobile Digital Recorder
3. Means of identification of type, if marked on the component: MDR-641GW-1-CMR / MDR-641XX-X-XXX(XX)(XXX) Consisting of: 1 x MDR-641GW-DS / MDR-641XX-DS(XX)(XXX); 1 x MDR-641-1-MCU-CMR / MDR-641-X-MCU-XXX(XXX); 1 x MDR-PWR-02 / MDR-PWR-XX(XXX); 1 x MDR-IO-03 / MDR-IO-XX(XXX); 1 x AC-075 / AC-XXX(XXX); 1 x MDR-ANT-GPS-03 / 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); Optional Accessories: 1 x MDR-FFC-AI-01 / MDR-FFC-AI-XX(XXX); 1 x MDR-DMC-AI-01 / MDR-DMC-AI-XX(XXX); 1 x MDR-HWU-01 / MDR-HWU-XX(XXX); 1 x MDR-AC-HWU-01 / MDR-AC-HWU-XX(XXX); 1 x MDR-AC-ACC-01 / MDR-AC-ACC-XX(XXX); 1 x MDR-04RPC / MDR-XXRPC(XXX); 1 x MDR-RP-02 / MDR-RP-XX(XXX); Where the "X" can represent any character (0-9, A-Z or can be omitted) for any associated variant, bespoke system which can have software changes or customized settings or reduced component population.
 - 3.1. Location of that marking: Adhesive labelling on the main assembly underneath the removeable storage unit

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 approval mark: Adhesive labelling on the main assembly underneath the removeable storage unit as stated in item 3.1
7. Address(es) of assembly plant(s):

Room 101, Building 20, Li Bauhinia Intelligent
Manufacture Centre
No.105 Qingbin East Road, Qingxi Town
Dongguan City, Guangdong Province
Peoples Republic of China
8. Additional information (where applicable): See Appendix
9. Technical Service responsible for carrying out the tests: SGS UK Ltd
10. Date of test report: 23 May 2022
11. No. of test report: AUT302030/1/R/22
12. Remarks (if any): See Appendix
13. Place: BRISTOL
14. Date: 04 JULY 2022

15. Signature:

A handwritten signature in black ink that reads "C McCabe". The signature is written in a cursive style and is underlined with a single horizontal line.

C McCABE
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 extension:

Not applicable

Appendix

to type-approval communication form No. E11*10R05/01*11819*00
concerning the type-approval of an electrical/electronic sub-assembly under Regulation No. 10.05

1. Additional information:
 - 1.1. Electrical system rated voltage: 12 / 24 V. neg ground
 - 1.2. This ESA can be used on any vehicle type with the following restrictions: 12 / 24 Volt DC vehicles
 - 1.2.1. Installation conditions, if any:
Product must always use a negative ground, 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): 20 to 200MHz (BCI at 60 m-Amps), 200 to 2000MHz (Free field at 30 V/m).
 - 1.5. Laboratory accredited to ISO 17025 and recognized by the Approval Authority responsible for carrying out the tests: SGS UK Limited, Durham, United Kingdom.
2. Remarks: None