CERTIFICATE

Number: 212340060/AA/01

Issue Date: 25 July 2023

Expiration Date:

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UKCA TYPE EXAMINATION CERTIFICATE (Module B)

In compliance with the procedure specified in M009, Kiwa Ltd. declares as approved body for UKCA 0558 for the Radio Equipment Regulations 2017, that the stated product, complies with the essential requirements, in accordance with part 2 (chapter 1) of Radio Equipment Regulations, as indicated under Annex 1 of this certificate, based on the applicable Technical Standards and Specifications as listed under Annex 2 of this Certificate.

Product description:	**GPS NAVIGATOR**
Trademark:	**FURUNO**
Type designation:	**GP-39**

This certificate is granted to manufacturer:

Name:	**Furuno Electric Co., Ltd.**
Address:	**9-52 Ashihara cho**
City:	**662-8580 Nishinomiya**
Country:	**JAPAN**

This certificate remains valid as long as the stated product stays in compliance with the essential requirements of the Radio Equipment Regulations 2017.

This certificate has THREE Annexes.

Signed on behalf of Kiwa Ltd.
(UK Approved Body Number 0558)

George Lo
Product Assessor

Kiwa Gastec
Kiwa House
Malvern View Business Park
Stella Way
Bishops Cleeve
Cheltenham
GL52 7DQ
United Kingdom
T +44 (0)1242 677877
F +44 (0)1242 676506
www.kiwa.co.uk

UKCA

UKAS PRODUCT CERTIFICATION
0217

Annex 1 to certificate 212340060/AA/01

General Conditions

For each product to which this type examination relates, it has complied to the essential requirements as follows:

Article 6.1

Radio equipment shall be constructed so as to ensure:

C	(a)	the protection of health and safety of persons and of domestic animals and the protection of property, including the objectives with respect to safety requirements set out in the Electrical Equipment (Safety) Regulations 2016,
C	(b)	an adequate level of electromagnetic compatibility as set out in the Electromagnetic Compatibility Regulations 2016.

Article 6.2

C	Radio equipment must be constructed so that it both effectively uses and supports the efficient use of radio spectrum in order to avoid harmful interference.

Legend

C	=	Conform
NC	=	Not Conform
NA	=	Not applicable (for this equipment)
NP	=	Not performed (in this statement)

Annex 1 to certificate 212340060/AA/01

- This UKCA-type examination certificate is limited to the Radio Equipment Regulations.
- This UKCA-type examination certificate is part of the Conformity Assessment procedure Modules B and C, as described in annex III of the Radio Equipment Regulations.
- The validity of this UKCA type examination certificate is limited to products, which are equal to the one(s) assessed for this type Examination.
- The manufacturer has to draw up and issue a self Declaration of Conformity, declaring that the product(s) described in this UKCA-type examination certificate, are in compliance with Radio Equipment Regulations 2017 and any other applicable harmonization legislation.
- Each product shall be identified by means of type, batch and/or serial numbers and the name of the manufacturer and/or importer.
- If the equipment is to be modified, Kiwa Ltd. shall be notified immediately. Depending on the modifications, Kiwa Ltd. may have additional examinations carried out in consultation with the applicant.
- Enforcement of a new amending regulation voids the validity of this UKCA-type examination certificate.
- In case any referenced standard in this UKCA-type examination certificate is withdrawn or superseded and the presumption of conformity with the essential requirements has ceased, investigation by Kiwa Ltd. is needed to determine the validity of this type examination.

Remarks and observations

The following conditions are applicable:

AA/01: The change of non-transmitter part (CPU)
GP-39 includes GPS-antenna GPA-017.

Annex 2 to certificate 212340060/AA/01

Documentation lodged for this type examination

Test Reports:

- Labotech International Co., Ltd.: LIC 12-15-137, 02 December 2015
- Labotech International Co., Ltd.: LIC 12-15-138, 02 December 2015
- Labotech International Co., Ltd.: LIC 12-15-139, 02 December 2015
- Furuno Labotech International Co. Ltd.: FLI 12-10-015 Rev.1, 28 May 2010
- Furuno Labotech International Co. Ltd.: FLI 12-11-021, 08 February 2011
- Labotech International Co., Ltd.: LIC 12-17-010, 10 April 2017
- Labotech International Co., Ltd.: LIC 12-17-013, 10 April 2017
- Labotech International Co., Ltd.: LIC 12-17-011, 10 April 2017
- Labotech International Co., Ltd.: LIC 12-17-136, 24 November 2017
- Labotech International Co., Ltd.: LIC 12-20-080, 11 June 2020
- Labotech International Co., Ltd.: LIC 12-20-118, 27 July 2020
- Labotech International Co., Ltd.: LIC 12-23-099, 07 July 2023
- Labotech International Co., Ltd.: LIC 12-23-100, 07 July 2023

Product Documentation:

- Assembly drawings
- Bill of materials
- Block diagram
- Electrical diagrams
- Internal photos
- External photos
- Manual
- Label and label placement
- Test setup photos
- Risk assessment
- Packaging information

Technical Standards and Specifications

The product is compliant with:

EN 303 413	April, 2021	V1.2.1
Draft EN 300 440	September, 2017	V2.2.0
EN 301 843-1	November , 2017	V2.2.1
IEC 60945	August, 2002	Edition 4
IEC 60950-1	December, 2005	
IEC 60950-1/A1	December, 2009	
IEC 60950-1/A2	May, 2013	
IEC 62368-1	October, 2018	Ed. 3.0

Technical features and characteristics

The product includes the following features and characteristics:

GPS receiver
- Operating frequency range: 1575.42 MHz

Annex 3 to certificate 212340060/AA/01

The product as described in this type examination includes the following type designations:

- Product description: GPS NAVIGATOR
- Trademark: FURUNO
- Type designation: GP-39