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EU Type Examination Certificate

Certificate No: BABT-RED000599 i02

Certificate Holder: Johnson Outdoors Inc.
1531 E Madison Avenue
Mankato, MN 56002
USA

Product Type: Short range device / SRD
Fish-finder/GPS product with Bluetooth

Model(s): HELIX 7X CHIRP SI GPS G2N
Helix 7 Sonar G2
Helix 7X Sonar G2
Helix 7 Chirp DI G2
Helix 7X Chirp DI G2
Helix 7 Chirp GPS G2
Helix 7X Chirp GPS G2
Helix 7 Chirp DI GPS G2
Helix 7X Chirp DI GPS G2
Helix 7 Chirp SI GPS G2
Helix 7X Chirp SI GPS G2
Helix 7 Chirp GPS G2N
Helix 7X Chirp GPS G2N
Helix 7 Chirp DI GPS G2N
Helix 7X Chirp DI GPS G2N
Helix 7 Chirp SI GPS G2N
Helix 7X GPS G2
Helix 7 SI GPS NAV PLUS
ICE Helix 7 Chirp GPS G2
ICE Helix 7X Chirp GPS G2

We, as Notified Body number 0168, have examined the technical documentation and supporting evidence for the above listed equipment and found it to comply with the requirements of Annex III Module B of Radio Equipment Directive 2014/53/EU in relation to the following essential requirements covered by the examination

Essential Requirements: Article 3.1 (a) in respect of Health and Safety
Article 3.1(b) in respect to EMC
Article 3.2 in respect to the use of the Radio Spectrum

This is based upon examination of the following Technical Data file.
Please refer to the Annex for further technical details.

Technical Data: HELIX 7X CHIRP SI GPS G2N

Valid from: 2017-11-14 (Vina Kerai)

Renewal Date: 2022-11-13

This certificate has been issued in accordance with the Certification Regulations of TUV SUD BABT (Notified Body Number 0168) and constitutes page 1 of the combined Certificate and Annex.

The CE marking may be used on the equipment described above subject to the equipment meeting the compliance requirements of all applicable EU directives.

The Conditions for the validity of this certificate are listed in the Annex.
For further details related to this certification please contact BABT@TUV-SUD.co.uk

Issued by TUV SUD BABT under document number RED1 17 11 54051 018

Annex to EU-Type Examination Certificate

1 Equipment Description

Fish-finder/GPS product with Bluetooth.

Equipment

Type	Model	HW Version	SW Version
Original	HELIX 7X CHIRP SI GPS G2N Helix 7 Sonar G2 Helix 7X Sonar G2 Helix 7 Chirp DI G2 Helix 7X Chirp DI G2 Helix 7 Chirp GPS G2 Helix 7X Chirp GPS G2 Helix 7 Chirp DI GPS G2 Helix 7X Chirp DI GPS G2 Helix 7 Chirp SI GPS G2 Helix 7X Chirp SI GPS G2 Helix 7 Chirp GPS G2N Helix 7X Chirp GPS G2N Helix 7 Chirp DI GPS G2N Helix 7X Chirp DI GPS G2N Helix 7 Chirp SI GPS G2N Helix 7X GPS G2 Helix 7 SI GPS NAV PLUS ICE Helix 7 Chirp GPS G2 ICE Helix 7X Chirp GPS G2	B	1.46

Supported Functionality

Radio	Features	Operating Spectrum / Power
Bluetooth	BR, BLE	2.402 – 2.480 GHz 10 dBm
GPS/GLONASS	-	L1/G1 : Receive only

Accessories and Components

Model/Part Number	Description
AS GPS HS (408400-1)	External GPS accessory (w/ heading sensor)
AS GRP (408920-1)	External GPS accessory
AS RC (409480-1) RC2 (410180-1)	Remote RC2

2 Assessed Standards

Article 3.1(a)	Article 3.1(b)	Article 3.2
EN 60950-1:2006 +A11:2009+A1:2010+A12:2011+A2:2013 EN 62479:2010	EN 301 489-1 V2.2.0 EN 301 489-17 V3.1.1 EN 301 489-19 V2.1.0 EN 60945:2002	EN 303 413 V1.1.1 EN 300 328 V2.1.1

Annex to EU-Type Examination Certificate

3 Conformity Assessment

Technical Documentation

Technical documentation and supporting evidence were examined and found to comply with the EU-type examination requirements in conjunction with Annex V requirements of the directive.

Declarations

Declaration of Conformity draft	Dated	2017-10-02
Declaration of Similarity	Dated	2017-10-19

Strategic Documentation

Risk Assessment Report	Issued	2017-06-29
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Essential Requirements Compliance Documentation

Article 3.1a

AT72128131-9R0	Issued	2017-08-28
72128131-000	Issued	2017-06-23

Article 3.1b

AT72128131.2R3	Issued	2017-09-06
G0M-1702-6263-EE PAN-1326 RE-V01	Issued	2017-06-12
16-0342.C08.3C	Issued	2016-11-04

Article 3.2


G0M-1702-6263-TEU328BT-PAN1326-V01	Issued	2017-03-02
G0M-1702-6263-TEU328BL-PAN1326-V02	Issued	2017-05-22
AT72128131-7R0	Issued	2017-08-28

4 Additional Information

NA

5 Conditions of Validity

None.

Signature: 	Date: 2017-11-14
On behalf of TÜV SÜD BABT	