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EU Type Examination Certificate

Certificate No: BABT-RED000600 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 10X CHIRP SI GPS G2N
 Helix 9 Sonar GPS, Helix 9X Sonar GPS
 Helix 9 DI GPS, Helix 9X DI GPS
 Helix 9 SI GPS, Helix 9X SI GPS
 Helix 9 SI GPS KVD, Helix 9 Chirp GPS G2N
 Helix 9X Chirp GPS G2N, Helix 9 Chirp DI GPS G2N
 Helix 9X Chirp DI GPS G2N, Helix 9 Chirp SI GPS G2N
 Helix 9X Chirp SI GPS G2N, Helix 9 Chirp MDI GPS G2N
 Helix 9X Chirp MDI GPS G2N, Helix 10 Sonar GPS
 Helix 10 DI GPS, Helix 10 SI GPS
 Helix 10X SI GPS, Helix 10 SI GPS KVD
 Helix 10 Chirp GPS G2N
 Helix 10 Chirp DI GPS G2N
 Helix 10 Chirp MDI GPS G2N
 Helix 10 Chirp SI GPS G2N

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 10X CHIRP SI GPS G2N

(Vina Kerai)

Valid from: 2017-11-14

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 019

Annex to EU-Type Examination Certificate

1 Equipment Description

Fish-finder/GPS product with Bluetooth.

Equipment

Type	Model	HW Version	SW Version
Original	HELIX 10X CHIRP SI GPS G2N Helix 9 Sonar GPS Helix 9X Sonar GPS Helix 9 DI GPS Helix 9X DI GPS Helix 9 SI GPS Helix 9X SI GPS Helix 9 SI GPS KVD Helix 9 Chirp GPS G2N Helix 9X Chirp GPS G2N Helix 9 Chirp DI GPS G2N Helix 9X Chirp DI GPS G2N Helix 9 Chirp SI GPS G2N Helix 9X Chirp SI GPS G2N Helix 9 Chirp MDI GPS G2N Helix 9X Chirp MDI GPS G2N Helix 10 Sonar GPS Helix 10 DI GPS Helix 10 SI GPS Helix 10X SI GPS Helix 10 SI GPS KVD Helix 10 Chirp GPS G2N Helix 10 Chirp DI GPS G2N Helix 10 Chirp MDI GPS G2N Helix 10 Chirp SI GPS G2N	B	1.30

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



Annex to EU-Type Examination Certificate

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

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

Essential Requirements Compliance Documentation

Article 3.1a

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

Article 3.1b

AT72128131.3R3 Issued 2017-09-06
GOM-1702-6263-EE PAN-1326 RE-V01 Issued 2017-06-12
16-0345.C08.2B Issued 2016-10-28

Article 3.2

GOM-1702-6263-TEU328BT-PAN1326-V01	Issued	2017-03-02
GOM-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