



172



B A B T

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

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 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	B	1.30
	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		

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
G0M-1702-6263-EE PAN-1326 RE-V01	Issued	2017-06-12
16-0345.C08.2B	Issued	2016-10-28

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