HAMMERHEAD

DECLARATION OF CONFORMITY

The declaration of conformity is issued under the sole responsibility of the manufacturer:

PRODUCT TYPE: HAMMERHEAD BICYCLE COMPUTER

DEVICE TYPE	MODEL NUMBER	RADIO SPECIFICATIONS		
		Technology	**Frequency band**	**Maximum power (+/- 0.5 dB)**
HEAD-UNIT	**KAROO2**	IEEE 802.15.4	2405-2480 MHZ	-3.97 dBM e.i.r.p
		EGSM900	880-915 MHZ	32.81 dBm (GMSK)
				26.30 dBm (8PSK)
		DCS1800	1710-1785 MHZ	31.08 dBm (GMSK)
				26.58 dBm (8PSK)
		LTE B3	1710-1785 MHZ	23.7 dBm
		LTE B7	2500-2570 MHz	23.0 dBm
		BLUETOOTH	2402-2480 MHZ	5.33 dBm
		BLE	2402-2480 MHz	1.48 dBm
		ANT+	2457 MHZ	3.35 dBm
		2.4G WiFi	2412-2472 MHZ	15.45 dBm (802.11b)
				14.45 dBm (802.11g)
			2422-2462 MHz	13.53 dBm (802.11n20)
				13.54 dBm (802.11n40)
		5.2G WiFi	5150-5250 MHZ	15.36 dBm (802.11a)
				13.35 dBm (802.11n20)
				12.86 dBm (802.11n40)
		5.8G WiFi	5725-5850 MHZ	13.85 dBm (802.11a)
				13.63 dBm (802.11n20)
				13.55 dBm (802.11n40)
		GPS	1559-1610 MHZ	

WORLD HEADQUARTERS
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SRAM LLC hereby declares that the products listed above are in conformity with the essential requirements and other relevant requirements of the RE Directive (2014/53/EU) and RoHS (2011/65/EU). This Declaration of Conformance is issued in accordance with Annex III, Module B of Directive 2014/53/EU to address RE-Directive Article 3.2, 3.1a and 3.1b.

DIRECTIVE	HARMONIZED STANDARD / DESCRIPTION
HEALTH AND SAFETY (art 3.1.a)	**EN 62368-1:2014 / A11:2017** Audio/video, information and communication technology equipment. Safety requirements
	BS EN 62368-1:2014 / A11:2017 Audio/video, information and communication technology equipment, Safety Requirements
	EN 62479:2010 Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)
	BS EN 62479:2010 Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)
	EN 50566: 2017 Product standard to demonstrate the compliance of wireless communication devices with the basic restrictions and exposure limit values related to human exposure to electromagnetic fields in the frequency range from 30 MHz to 6 GHz: hand-held and body mounted devices in close proximity to the human body
	BS EN 50566: 2017 Product standard to demonstrate the compliance of wireless communication devices with the basic restrictions and exposure limit values related to human exposure to electromagnetic fields in the frequency range from 30 MHz to 6 GHz: hand-held and body mounted devices in close proximity to the human body
EMC (art 3.1.b)	**EN 55032:2012/AC:2013** Electromagnetic compatibility of multimedia equipment - Emission requirements
	EN 55024:2010 Information technology equipment – Immunity characteristics– Limits and methods of measurement
	EN 301 489-1 V2.2.3 (2019-11) Electromagnetic compatibility and Radio spectrum Matters (ERM); Electro Magnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements
	EN 301 489-3 V2.1.1 (2019-03) Electromagnetic compatibility and Radio spectrum Matters (ERM); Electro Magnetic Compatibility (EMC) standard for radio equipment and services; Part 3: Specific conditions for Short-Range Devices (SRD) operating on frequencies between 9 kHz and 246 GHz
	EN 301 489-17 V3.2.4 (2020-09) Electromagnetic compatibility and Radio spectrum Matters (ERM); Electro Magnetic Compatibility (EMC) standard for radio equipment and services; Part 17: Specific conditions for Broadband Data Transmission systems
	EN 301 489-19 V2.1.1 (2019-04) Electromagnetic compatibility and Radio spectrum Matters (ERM); Electro Magnetic Compatibility (EMC) standard for radio equipment and services; Part 19: Specific conditions for Receive Only Mobile Earth Stations (ROMES) operating in the 1,5 GHz band providing data communications and GNSS receivers operating in the RNSS band (ROGNSS) providing positioning, navigation, and timing data
	EN 301 489-52 V1.1.0 (2016-11) Electromagnetic compatibility and Radio spectrum Matters (ERM); Electro Magnetic Compatibility (EMC) standard for radio equipment and services; Part 52: Specific conditions for Cellular Communication Mobile and portable (UE) radio and ancillary equipment
RADIO SPECTRUM (art 3.2)	**EN 300 328 V2.2.2 (2019-07)** Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz band; Harmonised Standard for access to radio spectrum
	EN 300 440 V2.2.1 (2018-07) Short Range Devices (SRD); Radio equipment to be used in the 1 GHz to 40 GHz frequency range; Harmonised Standard for access to radio spectrum
	EN 303 413 V1.1.1 (2017-06) Satellite Earth Stations and Systems (SES); Global Navigation Satellite System (GNSS) receivers; Radio equipment operating in the 1 164 MHz to 1 300 MHz and 1 559 MHz to 1 610 MHz frequency bands
	EN 301 908-1 V13.1.1 (2019-11) IMT cellular networks; Harmonised Standard for access to radio spectrum; Part 1: Introduction and common requirements
	EN 301 908-13 V13.1.1 (2019-11) IMT cellular networks; Harmonised Standard for access to radio spectrum; Part 13: Evolved Universal Terrestrial Radio Access (E-UTRA) User Equipment (UE)
	EN 301 893 V2.1.1 (2017-05) 5 GHz RLAN
	EN 301 511 V12.5.1 (2017-03) Global System for Mobile communications (GSM); Mobile Stations (MS) equipment
EQUIPMENT CLASS	**CLASS 1** - radio equipment that can be operated without any restriction in EU, EEA and EFTA in accordance with Article 8(1)b of the RE Directive
RoHS	**IEC 62321-3-1 Part 3-1:** Screening - Lead, mercury, cadmium, total chromium and total bromine using X-ray fluorescence spectrometry

SIGNATORY:

PIETER MORGAN
Chief Executive Officer

DATE: 2022-23-05

SIGNATORY'S ADDRESS

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