



DECLARATION OF CONFORMITY

Manufacturer Mix Telematics International (Pty) Ltd
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 Stellenbosch
 South Africa

MiX 4000 MK3 Product Series

Model Number	Product	Part Number	Product Version	BAT	Modem	Magix	PCB SA	PCB/ Version
	ELECTRONIC UNIT / KIT			BATTERY 3.2V Li-Ion	Quectel SERIES	SHORT RANGE DEVICE	PCB SUB-ASSEMBLY	
MiX 4441	Electronic Unit	U0127MT	2	N/A	EG915U-LA	434MHz 915MHz	Z0101MT	AWZ0049A-1E
	Kit	U0128MT	1					
MiX 4441-B	Electronic Unit	U0129MT	2	BAT				
	Kit	U0130MT	1					

Technical Description

The MiX 4000 series is a range of fleet products that incorporates the latest market trends. It consists mainly of an on-board computer, a modem, a GNSS, an accelerometer, Low Energy Bluetooth, I/O, 2 x CAN, 2 x RS232, 4 x positive drives, and an optional 434 / 915 MHz short range transceiver.

The components of the variants listed above are the same apart from:

- a) The “-B” variant has an internal backup battery plugged in, allowing the device to work after the disconnection of the vehicle’s battery. The functionality and purposes of the products are the same.



Application of Council Directives

2014/53/EU, Radio Equipment Directive
 2004/108/EC, Electromagnetic Compatibility
 2011/65/EU and 2015/863/EU, Restriction of Hazardous Substances

We hereby declare that the above mentioned product variants have been tested to the applicable requirements of EU Radio Equipment Directive 2014/53/EU listed below, apart from Art 3.3 d)e)f). The following standards and normative documents have been applied:

Mark	Type	Directive	Standards Applied	Tested At	Date Completed	Test Report name
CE	European Union Radio Equipment Directive (RED) 2014/53/EU	Directive 2013/35/EU Article 3.1a: Electrical Safety	EN 50665 Human RF Exposure Assessment referencing EN62311 covering all transmitters and including simultaneous transmission assessment. Also covering FCC CFR Part2.1091	TUV UK	28 Nov 2022	Document 75956034-04 Issue 01
			IEC 62368-1: 2020+A11:2020 Electrical Safety	EMC Technologies (AU)	29 Nov 2022	M2211007 SAF 62368-1
		Article 3.1b: EMC	ETSI EN 301 489-1: V2.2.3 (2019-11) EMC for Radio Equipment and Services	TUV UK	11-Oct-22	Document 75951936-01 Issue 03 Document 75956034-01 Issue 01
			ETSI EN 301 489-3: V2.1.2 (2021-03) Specific conditions for Short-Range Devices (SRD) operating on frequencies between 9 kHz and 246 GHz	TUV UK	10-Oct-22	Document 75951936-01 Issue 03
			ETSI EN 301 489-17: V3.2.4 (2020-09) Broadband Data Transmission	TUV UK	10-Oct-22	Document 75951936-01 Issue 03
			ETSI EN 301 489-19: V2.2.0 (2020-12) GNSS Receivers	TUV UK	10-Oct-22	Document 75951936-01 Issue 03
			ETSI EN 301 489-52: V1.2.1 (2021-11) Specific conditions for Cellular Communication Mobile and portable (UE) radio and ancillary equipment	TUV UK	11-Oct-22	Document 75951936-01 Issue 03 Document 75956034-01 Issue 01
		Article 3.2 Radio	ETSI EN 301 908-1: V15.1.1 (2021-09) covering LTE CAT M1 FDD Bands B2, B4, B7 and B66. 4.2.2 Radiated Emissions (UE)	TUV UK	20-Oct-22	Document 75956034-03 Issue 01
			ETSI EN 301 511: V12.5.1 (2017-03) Radiated Spurious Emissions in allocated GSM 900 and DCS 1800 bands, including voltage extremes of the DC supply (Related ETSI TS 151 010-1: V13.11.0 (2020-02)	TUV UK	20-Oct-22	Document 75956034-02 Issue 01



			ETSI EN 303 413: V1.1.1 (2017-06) GSM Harmonized EN for GNNS stations in the GSM 900 and DCS 1800 bands	TUV UK	11-Oct-22	Document 75951936-04 Issue 03
			ETSI EN 300 220-2: V3.1.1 (2017-02) Effective Radiated Power and RF Emissions	TUV UK	11-Oct-22	Document 75951936-20 Issue 02
			ETSI EN 300 328 : V2.2.2 (2019-07) Bluetooth Spurious Emissions	TUV UK	11-Oct-22	Document 75953915-05 Issue 02

Signed at Stellenbosch, South Africa, on Thursday, 17 July 2025.

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VP R&D

