

DECLARATION OF CONFORMITY

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MiX 6000 MK2 Product Series

The MiX 6AMB-4G/-B is a high-end Fleet product. It consists mainly of an on-board computer, a LTE Cat 4 modem (with 2G/3G fall back), a GNSS, an accelerometer, WiFi, Bluetooth, I/O, 2 x CAN, 2 x RS232, 8 x positive drives and a dual 434 / 915 MHz short range device transceiver.

Part Number	Official Product Name	Description
U0042MT	MiX 6AMB-4G	MiX 6000 MK2 6AMB-4G Electronic Unit with LTE Cat 4 modem (with 3G/2G fall back)
U0043MT	MiX 6AMB-4G Kit	MiX 6000 MK2 6AMB-4G Kit; Contains Electronic Unit U0042MT, Main Harness MP10 (440FT0033), Code Plug CP4 (440FT0032) and Combo RF antenna (A0050MT)
U0044MT	MiX 6AMB-4G-B	MiX 6000 MK2 6AMB-4G-B Electronic Unit with LTE Cat 4 modem (with 3G/2G fall back) and Backup Battery
U0045MT	MiX 6AMB-4G-B Kit	MiX 6000 MK2 6AMB-4G-B with Backup Battery Kit; Contains Electronic Unit U0044MT, Main Harness MP10 (440FT0033), Code Plug CP4 (440FT0032) and Combo RF antenna (A0050MT)

The variants MiX 6AMB-4G and MiX 6AMB-4G-B, present the same electrical, physical and electro mechanics characteristics, the same PCB, layout and components. The only difference between them is that the model MiX 6AMB-4G-B has the internal backup battery plugged in, allowing the device to work after the disconnection of the vehicle’s battery.

Application of Council Directives

- 2014/53/EU, Radio Equipment Directive
- 2004/108/EC, Electromagnetic Compatibility
- 2002/95/EC, 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 Reports
E11	European Union e-type approval	UN ECE Regulation 10.06: 2019 Number awarded: 10 R06-11418	ECE Regulation testing (Emissions and immunity only) covering 3 modes of operation (see below) on an "Non-Immunity" related product: Narrowband emissions - Para 6.5 and 6.6 EM Radiation - Para 6.8 Transient Immunity - Para 6.9 CISPR 25: second edition 2002 and corrigendum 2004	TÜV SÜD	21-Dec-23	Document 75949089-18 Issue 02
CE	European Union Safety	Directive 2013/35/EU Article 3.1a: Electrical Safety	Calculation of RF Exposure in accordance with: EN 62311:2008 FCC CFR 47 Part 2.1091: 2019 Australia ARPANSA RPS No.3: 2002 New Zealand NZS 2772.1: 1999 covering all transmitters and including simultaneous transmission assessment.	TÜV SÜD	12-Apr-21	Document 75949089-17 Issue 01
			Safety Assessment in accordance with IEC/EN/UL/CAN/CSA 62368-1: 2018 Audio/video, information and communication technology equipment Part1: General requirements	EMC Technologies	29-Jan-21 11-March-21	M2008004-1 SAF 62368-1 M2008004-2 SAF 62368-1
	European Union Radio Equipment Directive (RED) 2014/53/EU	Article 3.1b: EMC	ETSI EN 301 489-1: V2.2.3 (2019-11) EMC for Radio Equipment and Services	TÜV SÜD	01-Jun-21	Document 75949089-01 Issue 02
			ETSI EN 301 489-3: V2.1.1 (2019-03) Specific conditions for Short-Range Devices (SRD) operating on frequencies between 9 kHz and 246 GHz	TÜV SÜD	01-Jun-21	Document 75949089-01 Issue 02
			ETSI EN 301 489-17: Draft V3.2.2 (2019-12) Broadband Data Transmission	TÜV SÜD	01-Jun-21	Document 75949089-01 Issue 02
			ETSI EN 301 489-19: V2.1.1 (2019-04) GNSS Receivers	TÜV SÜD	01-Jun-21	Document 75949089-01 Issue 02
			ETSI EN 301 489-52 draft: V1.1.0 (2016-11) Specific conditions for Cellular Communication Mobile and portable (UE) radio and ancillary equipment	TÜV SÜD	01-Jun-21	Document 75949089-01 Issue 02
			EN 55032: 2015 and AS/NZ/CISPR 32: 8.2 Radiated Emissions (Enclosure port) 8.3 DC power input/outputs 9.2 RF electromagnetic field (80 MHz to 6000 MHz) 9.3 Electrostatic Discharge 9.6 Transients and surges in vehicular environment	TÜV SÜD	01-Jun-21	Document 75949089-01 Issue 02
			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))	TÜV SÜD	02-Feb-21	Document 75949089-03 Issue 01

2014/53/E U	ETSI EN 301 908-1: V13.1.1 (2019-11) covering WCDMA FDD Bands BI, BVIII 4.2.2 Radiated Emissions (UE)	TÜV SÜD	19-Jan-21	Document 75949089-04 Issue 01
	ETSI EN 301 908-1: V13.1.1 (2019-11) covering LTE CAT 4 FDD Bands B1, B3, B7, B8, B20 and B28 bands 4.2.2 Radiated Emissions (UE)	TÜV SÜD	10-Feb-21	Document 75949089-05 Issue 01
	Declaration by modem supplier including ETSI EN 301 908-13 (2019-11)	Quectel	22-Mar-19	Quectel_EG25-G(MINIPCIE)_CE(RED)_Certificate
	ETSI EN 303 413: V1.1.1 (2017-06) GSM Harmonized EN for GNSS stations in the GSM 900 and DCS 1800 bands 4.2.2 Spurious Emissions (UE)	TÜV SÜD	02-Feb-21	Document 75949089-06 Issue 01
	ETSI EN 300 220-2: V3.1.1 (2017-02) Unwanted emissions in the spurious domain, Effective Radiated Power, Duty cycle, Occupied bandwidth, Tx Out of band Emissions, Transient power and Tx behaviour under low voltage conditions)	TÜV SÜD	09-Feb-21	Document 75949089-10 Issue 01
	AS/NZS 4268 (2017-04) covering the SRD 434 MHz Transceiver (Max EIRP, Tx spurious emissions, Emissions bandwidth declaration of operating frequencies)	TÜV SÜD	25-Jan-21	Document 75949089-11 Issue 01
	ETSI EN 300 328 : V2.2.2 (2019-07) Bluetooth Spurious Emissions and Transmitter Unwanted Emissions in the Spurious Domain	TÜV SÜD	26 Jan'21	Document 75949089-07 Issue 01
	ETSI EN 300 328 : V2.2.2 (2019-07) 2.4 GHz Bluetooth Low Energy Spurious Emissions and Transmitter Unwanted Emissions in the Spurious Domain	TÜV SÜD	26-Jan-21	Document 75949089-08 Issue 01
	ETSI EN 300 328 : V2.2.2 (2019-07) 2.4 GHz WLAN Spurious Emissions and Transmitter Unwanted Emissions in the Spurious Domain (802.11b, 802.11g and 802.11n)	TÜV SÜD	29-Jan-21	Document 75949089-09 Issue 01

Signed on Thursday, 17 July 2025.

Lior Musi

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VP R&D

