



**DECLARATION OF CONFORMITY**

**Manufacturer**

Mix Telematics (Pty) Ltd  
Blaauwklip Office Park 2  
Cnr Strand and Webers Valley Roads  
Stellenbosch  
South Africa

Model Number	Product	Part Number	Product Version	BAT	Modem	PCB SA	PCB Version
	ELECTRONIC UNIT / KIT			BATTERY 3.2V Li-Ion	Quectel SERIES	PCB SUB-ASSEMBLY	
MiX 3400-B	Electronic Unit	U0051MT	1	✓	BG96	Z0031MT	1G
	Kit (OBDII)	U0052MT	1				
	Kit (J1939)	U0121MT	1				
MiX 3400-B (VZN)	Electronic Unit	U0142MT	1	✓	BG96 (Verizon)	Z0111MT	1G

**Technical Description**

The MiX3000 series product, which is aimed on the easy-install and light fleet market. It consists mainly of an on-board computer, a modem, a GNSS, an accelerometer, Low Energy Bluetooth, 2 analogue inputs, serial ports (3 x CAN, L & K-Line, LIN, J1850/J1708 and RS232), 3 x LED, a relay drive and a buzzer.

Different variants, MiX 3400-B and MiX 3400-B (VZN), both use the same PCB, circuit and components. The only difference is that model MiX 4401 (VZN) has modem firmware that is suitable and approved for the Verizon network operator and MiX 3400-B for the AT&T network operator.

**Application of Council Directives**

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

**We hereby declare that the above mentioned product variants conform to the applicable requirements as listed below.**



Mark	Type	Directive	Standards Applied	Tested At	Date Completed	Test Report name
FCC	North-American	FCC 47 CFR Part 15B: 2020  ICES-003: Issue 7: 2020	FCC 47 CFR Part 15B, Clause 15.109 Radiated Disturbance in accordance with ANSI C63.4:2014 (Also covering ICES-003: Issue 7: 2020)  Base standard: ANSI C63.4: 2014)	TUV SÜD	04-Aug-22	Document 75952029-14 Issue 01
		FCC 47 CFR Part 2: 2020 FCC 47 CFR Part 15: 2020 FCC 47 CFR Part 22: 2020 FCC 47 CFR Part 24: 2020 ISED RSS-132: Issue 3 (2013-01) ISED RSS-133: Issue 6 (2013-01) + A1 (2018-01) ISED RSS-247: Issue 2 (2017-02) ISED RSS-GEN: Issue 5 (2018-04) + A2 (2021-02)	FCC 47 CFR Part 15C: 2020, Clause 15C covering Bluetooth Low Energy transceiver: 2.1 Restricted Band Edges – FCC Part 15C 15.205; RSS-247 (3.3) and RSS-GEN (8.10) 2.2 Emission Bandwidth – FCC Part 15C 15.247(a)(2); RSS-247 (5.2) and RSS-GEN (6.7) 2.3 Maximum Conducted Output Power – FCC Part 15C 15.247(b); RSS-247 (5.4) and RSS-GEN (6.12) 2.4 Spurious Radiated Emissions – FCC Part 15C 15.247(d) and 15.209; RSS-247 (3.3 and 5.5) and RSS-GEN (6.3 and 8.9)  2.5 Authorised Band Edges – FCC Part 15C 15.247(d); RSS-247 (5.5) 2.6 Power Spectral Density – FCC Part 15C 15.247(e); RSS-247 (5.2) and RSS-GEN (6.12)	TUV SÜD	11-Aug-22	Document 75952029-07 Issue 01
		FCC 47 CFR Part 2.1091:2020	EN 50665: 2017 Human RF Exposure Assessment referencing EN62311: 2018 covering all transmitters and including simultaneous transmission assessment. Also covering FCC CFR 47 Part2.1091: 2020, Health Canada Safety Code 6: 2015	TUV SÜD	12-Sep-22	Document 75952029-20 Issue 01
		FCC 47 CFR Parts 2, 15, 22 and 24: 2020 ISED RS-132: Issue 3 (2013-01) ISED RS-133: Issue 6 (2013-01) + A1 (2018-01) ISED RS-247: Issue 2 (2017-02) ISED RS-GEN: Issue 5 (2018-04) + A2 (2021-02)	FCC 47 CFR Parts 2 (clause 2.1053), 15, 22 and 24 Radiated Spurious Emissions (Simultaneous transmission): 2019 Sec 2.1: 2.1053; 15.247 (d), 15.205, 24.238, RSS-133 (6.5), RSS-247 (5.5) and RSS-GEN (6.13) Sec 2.1: 2.1053; 15.247 (d), 15.205, 22.917, RSS-132 (5.5), RSS-247 (5.5) and RSS-GEN (6.13) (Base standards: ANSI C63.10 and ANSI C63.26)	TUV SÜD	08-Sep-22	Document 75952029-06 Issue 01



PTCRB	North-American	<b>NARPD.03 version 6.8</b>	Test Specification 3GPP TS 36.124, Version V17.0.0 Description 3rd Generation Partnership Project; Technical Specification Group Radio Access. Network; Evolved Universal Terrestrial Radio Access (E-UTRA); Electro Magnetic Compatibility (EMC) requirements for mobile terminals and ancillary equipment (Release 17) Test Specification ETSI TS 102 230-1, Version V14.1.0 Description Smart Cards; UICC-Terminal interface; Physical, electrical and logical test specification (Release 14)	7Layers Germany	01-Sep-22	MDE_MIXTEL_2104_PTCRB_01
		<b>CTIA Over the Air Performance Revision 3.9.4</b>	Total Radiated Power (TRP) Total Isotropic Sensitivity (TIS) Intermediate Channel Relative Sensitivity Measurement	7Layers Germany	02-Sep-22	MDE_MIXTEL_2104_OTA_01

Signed at Stellenbosch, South Africa, on Friday, 14 April 2023

**Christo Bothma**  
Certification Manager

**De Liers Goldenhuys**  
Hardware Engineering Manager