TELTONIKA

FMB0XX

FMB0XX

FM10XX

FMB0XX MIGRATION

This document describes main differences of FMB0XX compared to it's predecessor FM10XX. It includes the main functionality differences and shows how to achieve greater performance. For more detailed information about new features of FMB0XX please refer to User Manual.

- FMB001 is successor to FM1000
- FMB010 is successor to FM1010

MAJOR DIFFERENCES BETWEEN FMB0XX AND FM10XX

	FMB0XX	FM10XX
Hardware differences		
	TM2500 Module (GSM/GPRS + GNSS) GPRS class 12 (up to 240 kbps) 33/99 acquisition channels -165dBm sensitivity 	Two modules: • TG1000 GNSS • TM11 GSM/GPRS Module GPRS class 10 (up to 85,6 kbps) 32 channel GPS/GLONASS receiver - 162dBm sensitivity  
GNSS	Hot start <1s **Warm start <25s** Cold start <35s	Hot start <1s Warm start 34s Cold start 35s
RF	*Not supported*	Radio frequency (Rc1000)
micro SD	Micro SD card support (128MB card included)	Internal 1MB flash memory
	Micro SIM card support	Standard size SIM card support
	Bluetooth v3.0 support	*Not supported*
	15% better GSM signal strength	*Regular signal strength*

FMB0XX

	FMB0XX	FM10XX
Firmware and Software differences		
SMS	New SMS format for setparam command e.g **“setparam 1245:avl3.teltonika.lt“**	Old message format for setparam command e.g “setparam 1245 avl3.teltonika.lt“
	One configurator for all FMB devices	Standard configurator and firmware
	Firmware can be updated via configurator	Separate firmware application
	Crash detection with crash trace	Standard crash detection
NTP Time sync	NTP + NITZ Time Synchronization	*No NTP and NITZ*
	Voice calls via Bluetooth hands-free	*No voice calls*
?	Help messages in configurator	*No help messages*
!	Status window in configurator	*No status window*
	Configuration over Bluetooth	*Not supported*
	Incoming call actions	*Not supported*
	GNSS Fuel Counter	*Not supported*
Z z z	Sleep/Deep Sleep/Online sleep modes	Sleep/Deep Sleep modes
SMS	Multiple parameters change over one SMS	*Single parameter change over one SMS*

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