

FMB230 Product Change Notifications

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Product change notifications (PCN) is the way of informing customers of upcoming changes related to Teltonika products. This includes outward appearance adjustments, hardware improvements, firmware changes, changes to package contents, etc. This page stores information regarding changes to the FMB230 tracking device. Below you will find a list of both upcoming and already implemented changes sorted from newest to oldest (top to bottom).





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2024.05.24: PCB changes

We would like to inform you that starting from July, 2024, there will be changes in the PCB's modification of our FMB230 devices. These changes affect FMB110, FMB120, FMB130 and FMB230 devices.

Change description	Mechanical part changes	
Change type	The PCB shape has been modified for the following devices: FMB110, FMB120, FMB130, and FMB230. These changes will be implemented during the upcoming factory update.	
Detailed description	<ol style="list-style-type: none">1. Components which were too close (less than 1.5mm) to the testpoints were moved away to comply with this requirement.2. Overvoltage protection mosfet changed to 2x mosfets with smaller footprint.3. Accelerometer LIS2DH12 was moved to top layer and closer to existing LIS3DH accelerometer.4. Positioning hole was moved from LTE to BLE antenna.5. Components from GNSS antenna feed point were moved away to comply with manufacturing requirements.6. Main fuse moved to TOP layer.7. Added 1 positioning hole close to GNSS antenna.8. Positioning hole near LED's was removed.	
Change reasons	Old Version:	New Version:
Product release date	 	 
Affected products	The PCB shape in the afore-mentioned devices is updated to streamline the manufacturing process, making it more efficient.	
Model	Affected order codes	Order code changes
FMB230	FMB230***** order codes	New firmware version
Change impact		
Risk assessment	Client's special firmware versions or order codes with special firmware will not be updated to latest base firmware automatically. During the transition period clients might receive devices with previous Firmware version used in manufacture.	
Suggested implementation plan	If you are using special firmware version and would like an upgrade to new features of latest base firmware, please contact your Teltonika sales manager.	

2024.05.13: Base firmware update

We would like to inform you about the base firmware update for FMB230 starting from June, 2024. New production firmware version will be **03.29.00.Rev.18**

Change description

Change type Firmware update
 Detailed description Key improvements from last production firmware are listed in errata: [FMB230 firmware errata](#)
 Old version: 03.29.00.Rev.13 New version: 03.29.00.Rev.18
 Change reasons FMB230 base firmware version update
 Product release date 2024 June

Affected products

Model Affected order codes Order code changes
 FMB230 Order codes with base Firmware New firmware version

Change impact

Risk assessment Client's special firmware versions or order codes with special firmware will not be updated to latest base firmware automatically. During the transition period clients might receive devices with previous Firmware version used in manufacture.
 Suggested implementation plan If you are using special firmware version and would like an upgrade to new features of latest base firmware, please contact your Teltonika sales manager.

2024.01.22: Modified battery placement within the casing

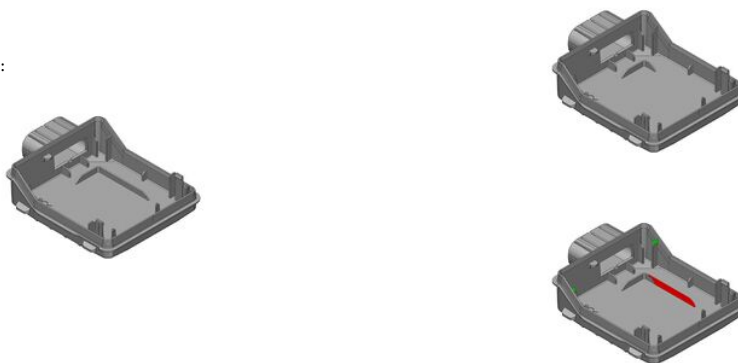
We would like to inform you that starting from January 2024, there will be a small change in the FMB230 devices casing. We have adjusted the battery placement and increased PCB guide height within casing. This modification was essential to enhance our manufacturing process.

Change description

Change type Optimizing robotic battery placement process within casing
 The modifications will not impact the place of the battery or PCB within the FMB230 device.
 New Version:

Old Version:

Detailed description



Change reasons 1. Modified battery placement within the casing.
 2. PCB guide height increased for easier assembly.
 3. Improved manufacturing process.

Product release date January, 2024

Affected products

Model Affected order codes Order code changes
 FMB230 FMB230 all codes Modified battery placement and PCB guide height within the casing.

Change impact

Risk assessment During transition period clients might receive devices with previous casing design. The transition period can last from January to February inclusive.
 Suggested implementation plan No implementation plan is needed.

Acknowledgement of PCN receipt





If no feedback is received within two weeks after the issue date of this notification - Teltonika may accept that this change has tactically accepted and can implement the change as indicated above.

2023.11.27: Modifications of PCB shape

We would like to inform you, that shape of the PCB (Printed Circuit Board) for the FMB110, FMB120, FMB130, and FMB230 devices will be altered as part of an upcoming factory update from November, 2023.

Change description

Change type Internal

Detailed description	The PCB shape has been modified for the following devices: FMB110, FMB120, FMB130, and FMB230. These changes will be implemented during the upcoming factory update.	
	Old Version:	New Version:
	 	 
Change reasons	1. The cutout has been removed as it is intended only for devices with an external antenna. 2. Replaced electrolytic capacitors with ceramic capacitors in order to increase manufacturing efficiency. The modifications made do not have any impact on the functionality of the devices.	
Product release date	November, 2023	
Affected products		
Model	Affected order codes	Order code changes
FMB230	FMB230 all codes	1. PCB cutout intended for an external antenna has been removed. 2. Replaced electrolytic capacitors with ceramic capacitors.
Change impact		
Risk assessment	No risk factors encountered with this change.	
Suggested implementation plan	Due to changes in device appearance we strongly recommend to contact your customs agent with our change log information, to avoid any unexpected delays in customs clearance process.	
Acknowledgement of PCN receipt		
	If no feedback is received within two weeks after the issue date of this notification - Teltonika may accept that this change has tactically accepted and can implement the change as indicated above.	

2022.09.12: Base firmware update

We would like to inform you about the base firmware update for FMB230 starting from October 1st, 2022. New production firmware version will be 03.27.13.Rev.03

Change description		
Change type	Firmware update	
Detailed description	Key improvements from last production firmware are listed in errata: https://wiki.teltonika-gps.com/view/FMB230_firmware_errata	
	Old version:	New version:
	FMB230 03.27.12.Rev.00	FMB230 03.27.13.Rev.03
Change reasons	FMB230 base firmware version update	
Product release date	2022 October	
Affected products		
Model	Affected order codes	Order code changes
FMB230	FMB230***** order codes with base Firmware	Update firmware
Change impact		
Risk assessment	Client's special firmware versions or order codes with special firmware will not be updated to latest base firmware automatically. During the transition period clients might receive devices with previous Firmware version used in manufacture.	
Suggested implementation plan	If you are using special firmware version and would like an upgrade to new features of latest base firmware, please contact your Teltonika sales manager.	