FMB110 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 FMB110 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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Contents

2024.05.24: PCB changes

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

Change description

Change type	Mechanical part changes
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. 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.	
Product release date	2024 June	

Affected products

Model	Affected order codes	Order code changes
FMB110	FMB110******* 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 FMB110 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: **FMB110 firmware errata**	
	Old version: 03.29.00.Rev.13	New version: 03.29.00.Rev.18
Change reasons	FMB110 base firmware version update	
Product release date	2024 June	

Affected products

Model	Affected order codes	Order code changes
FMB110	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.

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
FMB110	FMB110 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.

2023.02.02: Changes in side frame for the battery placement

We would like to inform you that the side frame for the battery placement is included, helping to determine the exact location of the battery. Also, minor design changes are made to improve both case production and case assembly. These changes affect FMB110, FMB120, FMB122, FMB125, FMC125, FMM125, FMB130, FMC130, FMM130, FMB140, FMB150, FMC150, and FMM150 devices. The updates in the factory are being implemented in February, 2023.

Change description

Change type	Internal
Detailed description	The side frame for the battery placement is included, helping to determine the exact location of the battery. Also, minor design changes are made to improve both case production and case assembly. These changes affect FMB110, FMB120, FMB122, FMB125, FMC125, FMM125, FMB130, FMC130, FMM130, FMB140, FMB150, FMC150, and FMM150 devices.

Old Version:

New Version:

Change reasons	The battery placement is improved with a side frame, helping to determine the exact location of the battery. Minor design changes are made for case production and case assembly. These changes affect FMB110, FMB120, FMB122, FMB125, FMC125, FMM125, FMB130, FMC130, FMM130, FMB140, FMB150, FMC150, and FMM150 devices.
Product release date	February, 2023

Affected products

Model	Affected order codes	Order code changes
FMB110, FMB120, FMB122, FMB125, FMC125, FMM125, FMB130, FMC130, FMM130, FMB140, FMB150, FMC150, FMM150	FMB110, FMB120, FMB122, FMB125, FMC125, FMM125, FMB130, FMC130, FMM130, FMB140, FMB150, FMC150, FMM150 all codes	Updated the battery placement with the side frame as well as minor design changes for case production and assembly

Change impact

Risk assessment	During the transition period clients might receive devices with old case design used in manufacture
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.

2022.08.01: Base firmware update

We would like to inform you about the base firmware update for FMB110 starting from August 1st, 2022. The new production firmware version will be **03.27.13.Rev.03**

Change description

Change type	Hardware and Firmware change
Detailed description	OBD data processor of an alternative manufacturer is introduced in the production process. Key improvements from last production firmware are listed in errata: https://wiki.teltonika-gps.com/view/FMB110_firmware_errata

Old version: FMB110 03.27.07.Rev.00

New version: FMB110 03.27.13.Rev.03

Change reasons	Response to the global situation in component market and streamlining our product portfolio.
Product release date	2022 August

Affected products

Model	Affected order codes	Order code changes
FMB110	FMB110******* order codes with base Firmware	OBD processor analog

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. Current CE and E-mark certificates are valid. Also, current purchase codes remain the same.
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.

2021.08.13: Base firmware update

We would like to inform you about the base firmware update for FMB110 starting from August 13th, 2021. New production firmware version will be 03.27.07.Rev.00

Change description

Change type	Firmware update

Detailed description	Key improvements from last production firmware are listed in errata: https://wiki.teltonika-gps.com/view/FMB110_firmware_errata	
	Old version: FMB110 03.25.18.Rev.08	New version: FMB110 03.27.07.Rev.00
Change reasons	FMB110 base firmware version update	
Product release date	2021 August	

Affected products

Model	Affected order codes	Order code changes
FMB110	FMB110******* 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.

2021.05.17: Base firmware update

We would like to inform you about the base firmware update for FMB110 starting from May 17th, 2021. New production firmware version will be **03.25.18.Rev.08**.

Change description

Change type	Firmware update	
Detailed description	Key improvements from last production firmware are listed in errata: https://wiki.teltonika-gps.com/view/FMB110_firmware_errata	
	Old version: 03.25.18.Rev.05	New version: 03.25.18.Rev.08
Change reasons	FMB110 base firmware version update	
Product release date	2021 May.	

Affected products

Model	Affected order codes	Order code changes
FMB110	FMB110******* 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
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.

2021.02.08: Bluetooth® Improvement

We would like to inform you, that Bluetooth® performance for the FMB110 device will be updated in the factory from March 2021.

Change description

Change type	Internal
Detailed description	Bluetooth® antennas are improved for FMB110, FMB120, FMB122, and FMB125 devices ensuring better signal strength. The efficiency of Bluetooth® antennas is considerably increased when receiving or transferring data.
Change reasons	Following the changes, the capabilities of our devices will be greatly improved to provide better performance when Bluetooth® signal is obstructed or longer distance coverage is required
Product release date	March 2021

Affected products

Model	Affected order codes	Order code changes
FMB110	FMB110******* order codes with base Firmware	No changes

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 been tacitly accepted and can implement the change as indicated above

2021.02.08: Base firmware update

We would like to inform you about the base firmware update for FMB110 starting from February 26th, 2021. New production firmware version will be **03.25.18.Rev.05**.
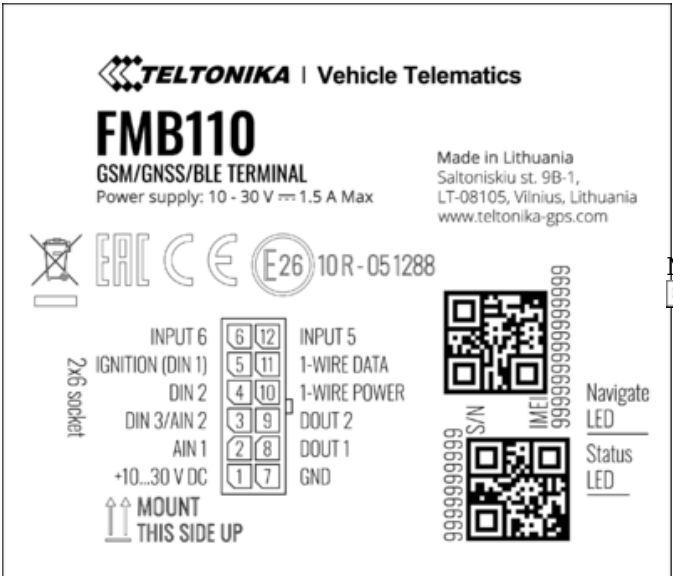
Change description

Change type	Firmware update
	Key improvements from last production firmware are listed in errata: https://wiki.teltonika-gps.com/view/FMB110_firmware_errata
Detailed description	Old version: New version:
	FMB110 03.25.15.Rev.32 FMB110 03.25.18.Rev.05
Change reasons	FMB110 base firmware version update
Product release date	2021 February 26th.

Affected products

Model	Affected order codes	Order code changes
FMB110	FMB110******* 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
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.

2021.01.01: Top Laser Printing Changes

We would like to inform you, that laser printing of the FMB110 device was updated in the factory in January 2021.

Change description

Change type	External/visual
	Top laser printing design changed
	Old version:
Detailed description	New version:
Change reasons	1. Updated Emark certificate number. 2. Added UKCA label. 3. Updated Teltonika brand to Teltonika Telematics.
Product release date	January 2021

Affected products

Model	Affected order codes	Order code changes
FMB110	FMB110*******	New casing

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 been tacitly accepted and can implement the change as indicated above

2020.01.22: Base firmware update

We would like to inform you about the base firmware update for FMB110 starting from January 22th, 2020. New production firmware version will be **03.25.15.Rev.01**.

Change description

Change type	Firmware update	
Detailed description	Key improvements from last production firmware are listed in errata: https://wiki.teltonika-gps.com/view/FMB110_firmware_errata Old version: FMB110 03.25.05.Rev.00	New version: FMB110 03.25.15.Rev.01
Change reasons	FMB110 base firmware version update	
Product release date	2020 January 22th.	

Affected products

Model	Affected order codes	Order code changes
FMB110	FMB110******* 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
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.

2019.12.02: Top Device Marking Changes

We would like to inform you, that tampography of the FMB110 device was updated to engraving in the factory on the 2nd of December.

Change description

Change type	External/visual	
Detailed description	Device marking changed from tampography to laser printing. Information provided on module will remain the same Old Version: 	New Version:
Change reasons	To improve manufacturing speed, efficiency and reliability To increase quality, precision and durability of marking.	
Product release date	Planned date: 2019 December	

Affected products

Model	Affected order codes	Order code changes
FMB110	FMB110*******	No changes

Change impact

Risk assessment	No risk factors encountered with this change
Suggested implementation plan	No implementation plan 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 been tacitly accepted and can implement the change as indicated above

2019.07.22: new no brand Eco friendly boxes

Effective September 2019, FMB110 trackers with no brand packaging will be shipped with a **new no brand eco-friendly box**.

Change description

Change type	Packaging	
Detailed description	Improved and more environmentally friendly packaging box Old single packaging version: **Dimensions:** 165 (W) x 145 (D) x 35 (H) Old group packaging version: **Dimensions:** 355 (W) x 175 (D) x 60 (H)	New single packaging version: **Dimensions:** 175 (W) x 150 (D) x 35 (H) New group packaging version: **Dimensions:** 355 (W) x 175 (D) x 60 (H)
Change reasons	The new box is better for the environment	
Product release date	Devices with new packaging will be released in manufacturing from September with 2 months of transition period. Over this period devices with white packaging can be delivered as well as devices with the new eco boxes.	

Affected products

Model	Affected order codes	Order code changes

| FMB001, FMB010, FMB100, FMB110, FMB120, FMB122, FMB125, FMB202, FMB204, FMB900, FMB920, FMB964, FMT100, FMB130, MTB100. | FMB001******, FMB010******, FMB100******, FMB110******, FMB120******, FMB122******, FMB125******, FMB202******, FMB204******, FMB900******, FMB920******, FMB964******, FMT100******, FMB130******, MTB100******. | No changes |

Change impact

Risk assessment	No risk factors encountered with this change
Suggested implementation plan	Due to the new look of boxes we strongly recommend to update your marketing materials. Because of the new color of the packaging box, if necessary, update your branding materials (stickers, logo layouts).

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 been tacitly accepted and can implement the change as indicated above

2019.06.14: Device module information display changes

We would like to inform you, that the information display on device module TM2500 will be updated in the factory from July 2019.

Change description

Change type	External/visual
Detailed description	Information display on TM2500 module will change from sticker to laser print. Information provided on module will remain the same. Old Version: New Version:
Change reasons	Laser printing will increase reliability, speed, and will reduce paper waste.
Product release date	Devices with new module marking will be released in manufacturing from July with 2 months of transition period. Over this period devices with sticker can be delivered as well as devices with laser print.

Affected products

Model	Affected order codes	Order code changes
FMB001, FMB010, FMB100, FMB110, FMB120, FMB122, FMB125, FMB202, FMB204, FMB900, FMB920, FMB964, FMT100, FMB640, FMB130, MTB100, TMT250, GH5200.	FMB001******, FMB010******, FMB100******, FMB110******, FMB120******, FMB122******, FMB125******, FMB202******, FMB204******, FMB900******, FMB920******, FMB964******, FMT100******, FMB640******, TMT250******, FMB130******, MTB100******, GH5200******.	No changes

Change impact

Risk assessment	The change will not affect clients. All the module characteristics will remain unchanged. The only sticker on module will be changed to laser print. The displayed information will remain the same.
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 the 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 been tacitly accepted and can implement the change as indicated above

To download the pdf version of this notification, [click here](#).

2019.05.02: new eco friendly box

Effective May 2019 week 20, FMB110 trackers will be packed with a **new eco-friendly box**.
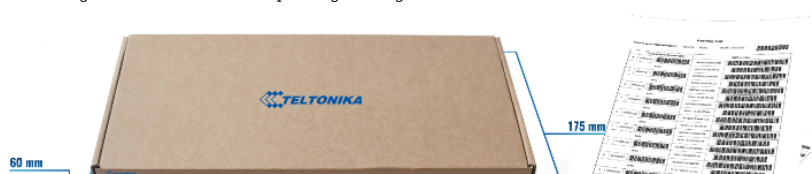
Change description

Change type	Packaging
Detailed description	Improved and more environmentally friendly packaging box Old version: New version:
Change reasons	The new box is better for the environment
Product release date	May 2019, week 20

2019.04.10: IMEI/SN display on device Changes

We would like to inform you, that IMEI/SN info display on the FMB110 device will be updated in the factory from June 2019.

Change description

Change type	External/visual
	IMEI/SN info on device display change from barcode to QR Old Version: New Version: This change will not affect device packing and logistic lists. It will remain as barcode.
Detailed description	

| Change reasons | QR format will increase reliability and minimize error rate, because of the error correction feature and improved reading in low contrast. | |
| Product release date | Devices with new QR Code format will be released in manufacturing from June with 2 months of transition period. Over this period devices with barcode can be delivered as well as devices with QR code. | |

Affected products

Model	Affected order codes	Order code changes
FMB110	FMB110******	No changes

Change impact

Risk assessment	Risk assessment for devices management required
Suggested implementation plan	Due to changes in device information display we strongly recommend to check, and prepare your tools to read QR codes.

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 been tacitly accepted and can implement the change as indicated above

To download the pdf version of this notification, [click here](#).

2019.03.01: new eco friendly box

Effective March 2019, FMB110 trackers will be shipped with a **new eco-friendly box**.

Change description

Change type	Packaging	
Detailed description	Improved and more environmentally friendly packaging box	
	Old version:	New version:
Change reasons	The new box is better for the environment	
Product release date	March 2019	

Affected products

Model	Affected order codes	Order code changes
FMB110	FMB110*******	No changes

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 been tacitly accepted and can implement the change as indicated above

2019.02.08: new FMB110 case design

Effective March 2019, FMB110 trackers will be shipped with **new case design**.

Change description

Change type	Case
Detailed description	New case design
	Old version:

New version:

Note: To properly open a new case please watch this [video](#).

Change reasons	The new FMB110 case is more ergonomic.
Product release date	March 2019

Affected products

Model	Affected order codes	Order code changes
FMB110	FMB110*******	New casing

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 been tacitly accepted and can implement the change as indicated above

2019.02.20: Top Tampography Changes

We would like to inform you, that tampography of the FMB110 device was updated in the factory on the 20th of February.

Change description

Change type	External/visual	
Detailed description	Top tampography design changed Old Version: 	New Version:
Change reasons	1. Updated Teltonika address to Saltoniskiu st. 9B-1 2. Added WEEE label. (WEEE - Waste from Electrical and Electronic Equipment)	
Product release date	Updated tampographs will be used from the time when the stock will be sold all leftovers. Planned date: week 9	

Affected products

Model	Affected order codes	Order code changes
FMB110	FMB110*******	No changes

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 been tacitly accepted and can implement the change as indicated above

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