# BTSID1 Product Change Notifications

**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 BTSID1 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

## 2024.02.22: Base firmware release

We would like to inform you about the base firmware release for BTSX devices starting from February 23rd, 2024

New production firmware version will be placed in manufacturing, version 1.2.9.R.9 will be used for new order codes with hibernate feature.

| Change description | | |
|---|---|---|
| Change type | Firmware update | |
| Detailed description | Changes from last production firmware are listed in [BTS firmware errata](#) page | |
| | Old version: BTSX.Ver.1.2.10.R.04 | New version: 1.2.9.R.9 |
| Change reasons | BTSX.Ver.1.2.10.R.04 found to have issue with hibernate | |
| Product release date | 2023 02 23 | |
| Order codes with new firmware | BTSMP1SAMPLE1 | SPQ:1 sleep (envelope) |
| | BTSMP1SAMPLE2 | SPQ:1 + magnet (box) |
| | BTSMP14NB802 | SPQ:1 + magnet (box) |
| | BTSMP14NE502 | SPQ:10 |
| | BTSMP14NM402 | SPQ:100 |

# 2023.11.20: Hall sensor added to base BTSID1 hardware

We would like to inform you about the base hardware update for BTSID1 devices starting from November 30th, 2023

Updated hardware version will enable use of device magnetic field sensing functions. Like hibernate or door status detection.

## Change description

| | | |
|---|---|---|
| Change type | Hardware update | |
| Detailed description | Old version: BTSID1 with no sensors | New version: BTSID1 with hall sensor |
| Change reasons | 1. Allow all devices to have Magnetic sensing capabilities for hibernate function<br>2. Simplify manufacturing by having only one BTSID1 version. | |
| Change date | 2023 11 30 | |
| Order codes with new hardware | All codes without hibernate will have analogs created. Check for analog code with your Sales manager | |

### 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

# 2023.11.16: Base firmware release

We would like to inform you about the base firmware release for BTSX devices starting from November 30th, 2023

New production firmware version will be placed in manufacturing, version 1.2.10.R.4 will be used for new order codes with hibernate feature.

## Change description

| | | |
|---|---|---|
| Change type | Firmware update | |
| Detailed description | Improvements from last production firmware are listed in **BTS firmware errata** page | |
| | Old version:1.2.9.R.8 | New version: BTSX.Ver.1.2.10.R.04 |
| Change reasons | New base version in factory | |
| Product release date | 2023 11 30 | |
| Order codes with new firmware | BTSID1SAMPLE1<br>BTSID1SAMPLE2<br>BTSID17RB802<br>BTSID17RE502<br>BTSID17RM402 | SPQ:1 sleep (envelope)<br>SPQ:1 + magnet (box)<br>SPQ:1 + magnet (box)<br>SPQ:10<br>SPQ:100 |

# 2023.05.01: Base firmware release

We would like to inform you about the base firmware release for BTSX devices starting from May 1st, 2023.

New production firmware version will be placed in manufacturing, version 1.2.9.R.8 will be used for new order codes to support hibernate feature.

## Change description

| | | |
|---|---|---|
| Change type | Firmware update | |
| Detailed description | Improvements from last production firmware are listed in [BTS firmware errata](#) page | |
| | Old version: | New version: BTSX.Ver.1.2.9.R.8 |
| Change reasons | New base version in factory | |
| Product release date | 2023 May | |
| Order codes with new firmware | BTSID1SAMPLE1 | SPQ:1 sleep (envelope) |
| | BTSID1SAMPLE2 | SPQ:1 + magnet (box) |
| | BTSID17RB802 | SPQ:1 + magnet (box) |
| | BTSID17RE502 | SPQ:10 |
| | BTSID17RM402 | SPQ:100 |

# 2022.12.14: Base firmware update

We would like to inform you about the base firmware update for BTSX devices starting from January 1st, 2023. New production firmware version will be 1.2.8.R.2

## Change description

| | | |
|---|---|---|
| Change type | Firmware update | |
| Detailed description | Improvements from last production firmware are listed in [BTS firmware errata](#) page | |
| | Old version: BTSX.Ver.1.2.8.R.1 | New version: BTSX.Ver.1.2.8.R.2 |
| Change reasons | New base version in factory | |
| Product release date | 2023 January | |

# 2022.09.09: BOT Laser Printing Changes

We would like to inform you, that laser printing of the BTSID1 device was updated in the factory in September 2022.

**Change description**

| | | |
|---|---|---|
| Change type | External/visual | |
| Detailed description | Bot laser printing design changed | |
| | Old version: | New version: |
| | | |
| Change reasons | 1. Added SN number to casing TOP 2. Added Telec certification to casing BOT | |

| Product release date | October 2022 | |
|---|---|---|

**Affected products**

| Model | Affected order codes | Order code changes |
|---|---|---|
| BTSID1 | BTSID1****** | New laser engraving |

**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

# 2022.07.21: Base firmware update

We would like to inform you about the base firmware update for BTSX devices starting from July 21st, 2022. New production firmware version will be 1.2.8

**Change description**

| Change type | Firmware update | |
|---|---|---|
| Detailed description | Key improvements from last production firmware are listed in **[BTS firmware errata](#)** page | |
| | Old version: BTSX.Ver.1.2.1 | New version: BTSX.Ver.1.2.8 |
| Change reasons | New base version | |
| Product release date | 2022 July | |

**Affected products**

| Change type | Default order code | |
|---|---|---|
| BTSID1 | BTSID1******* order codes with base Firmware | |
| Detailed description | Old version: BTSID14KB801 BTSID14KE501 | New version: BTSID1W1B801 BTSID1W1E501 |
| Change reasons | Important default configuration parameters (advertising interval) changed | |

# 2022.07.21: Advanced configuration possibilities in manufacturing

We would like to inform you that starting from July 21st, 2022. Manufacturing is capable of advanced pre-configuration options for BTSXXX devices.

It's now possible to configure individual parameter values according to clients' demands, e.g:

1. It's possible to write MAC into any other information advertising parameter that fits 6 bytes of information for example you can include MAC into UUID of the beacon into of name of the beacon.

2. Also during production values can be generated from specific value and according to your logic. For example, you can generate minor from 0000 to FFFF.

# 2022.01.28: BOT Laser Printing Changes

We would like to inform you, that laser printing of the BTSID1 device was updated in the factory in January 2022.

**Change description**

| | |
|---|---|
| Change type | External/visual |
| Detailed description | Bot laser printing design changed |

Old version:   New version: 

| | |
|---|---|
| Change reasons | 1. Added Anatel certificate logo and number.<br>2. Added E-MARK certificate logo and number.<br>3. Added FCC ID. |
| Product release date | January 2022 |

**Affected products**

| Model | Affected order codes | Order code changes |
|---|---|---|
| BTSID1 | BTSID1****** | New laser engraving |

**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