

# GH4000 FIRMWARE ERRATA

## V1.1

### 1) INTRODUCTION

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We are always improving our devices performance, stability and reliability. That's why Teltonika is one of the leading GNSS trackers manufacturers in the world.

This document describes GH4000 devices firmware improvements, changes, new features implementations as well as current firmware release version.

### 2) FIRMWARE VERSIONING

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#### A) STRUCTURE

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GH.VER.[XX].[YY].[ZZ].

#### B) SYNTAX DESCRIPTION

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**XX** – client number. Value range: 00 – Alpha development, 01 – Teltonika, 02..99 – Specific clients

**YY** – branch number, shows major changes in firmware, i.e. new module support added or new major feature added.

**ZZ** – major changes like bigger fixes, improvements and new features addition.

Firmware Version	Release date	Changes
01.03.65	2017.06.19	<ul style="list-style-type: none"> <li>Fixed VDOP and PDOP order of values</li> <li>GPS module control principle improved.</li> </ul>
01.03.62	2017.06.12	<ul style="list-style-type: none"> <li>Added configurable periodical records filters.</li> </ul>
01.03.60	2017.03.30	<ul style="list-style-type: none"> <li>Improvements of PIN code saving</li> </ul>
01.03.59	2017.03.30	<ul style="list-style-type: none"> <li>New data saving method "Last location when GPS FIX unavailable" added.</li> <li>New parameter added: "Enable Static Navigation".</li> <li>Rework of record saving</li> </ul>
01.03.58	2017.02.23	<ul style="list-style-type: none"> <li>Improved SMS reset command's "RST" performance.</li> <li>Improved Man-Down functionality.</li> <li>Added accelerometer KX023 support.</li> <li>Improved Low Battery SMS notification sending when is charging.</li> </ul>
01.03.57	2017.01.06	<ul style="list-style-type: none"> <li>Added prefix for easy SMS configuration. Now all easy commands have to have "EASY" prefix (PSW0000 EASY &lt;CMD&gt;).</li> <li>Improved Alarm method "GPRS or SMS".</li> </ul>
01.03.56	2016.12.07	<ul style="list-style-type: none"> <li>Improved audio quality.</li> <li>Improved day light saving time functionality.</li> </ul>
01.03.54	2016.12.02	<ul style="list-style-type: none"> <li>Improved GPS logging period on stop functionality.</li> <li>Improved Easy config SMS parsing and changed command "BATTERY" to "BATTERY NUM"</li> </ul>
01.03.53	2016.11.11	<ul style="list-style-type: none"> <li>Added two new parameters: GPS logging period on stop and GPRS sending period on stop.</li> </ul>
01.03.52	2016.10.31	<ul style="list-style-type: none"> <li>Improved SMS request response sending.</li> <li>Improved modem operation.</li> <li>Improved parameter's configuration over Track Assistant.</li> <li>Changed parking functionality to extend it's operation until it's turned off.</li> <li>Added SMS outbox clearing on SMS Tracking turn off to prevent further sending.</li> </ul>
01.03.44	2015.12.04	<ul style="list-style-type: none"> <li>Adjusted new audio settings to new modem's firmware.</li> </ul>
01.03.42	2015.11.11	<ul style="list-style-type: none"> <li>Improved loudspeaker functionality.</li> <li>Added loudspeaker volume switching.</li> <li>Added periodic modem recovery on signal's level drop.</li> <li>Updated bootloader to v2.9.</li> <li>Added firmware version string to default "INF?" SMS request response.</li> <li>Improved configuration SMS confirmation sending.</li> <li>Changed google map link to openstreetmap in sms formats due to legal reasons.</li> </ul>