



## MXS 1.2 Release history

Version	Date	Change/additions
<b>02.34.29</b>	Nov, 25th 2020	<ul style="list-style-type: none"><li>▪ Added GPS09 support</li></ul> <b>External modules</b> <ul style="list-style-type: none"><li>▪ <b>35.65</b> GPS Module: Fix Masterclock received from master that caused bad values in GPS data timestamp</li></ul>
<b>02.32.81</b>	Jul, 17th 2020	<ul style="list-style-type: none"><li>▪ Fixed RPM issue due to wrong RPM factor handling</li></ul> <b>External modules</b> <p>No changes</p>
<b>02.32.72</b>	May, 22nd 2020	<ul style="list-style-type: none"><li>▪ Simulators handling</li><li>▪ Added Hour/Date info from GPS tracks</li><li>▪ Added reference speed used to calculate odometers</li></ul> <b>External modules</b> <p>No changes</p>
<b>02.32.55</b>	Apr, 23rd 2020	<ul style="list-style-type: none"><li>▪ General speed up in transmitting configuration</li><li>▪ Solved missing timeout on ECU channels for some serial protocol (RS232 and K-line) (AB#59)</li><li>▪ Improved track visualization</li><li>▪ Digital channels: bug fix on RPM input capture</li><li>▪ Fixed alarms based on BestDiff time</li></ul> <b>External modules</b> <p>No changes</p>
<b>02.32.12</b>	Feb, 10th 2020	<ul style="list-style-type: none"><li>▪ Fixed bug that didn't enable the display page after rear camera visualization</li></ul> <b>External modules</b> <p>No changes</p>
<b>02.32.09</b>	Oct, 17th 2019	<ul style="list-style-type: none"><li>▪ First Release including the new graphic engine which has the following improvements:<ul style="list-style-type: none"><li>▪ Faster boot time</li><li>▪ Boot time independent from the number of configured pages</li><li>▪ Improvement in font visualization quality</li><li>▪ Resizable fonts</li><li>▪ Colorable icons</li></ul></li></ul>



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		<p>This firmware release is compatible <b>***ONLY***</b> with the Race Studio 3 releases starting from the 03.30.00</p> <p><b>External modules</b></p> <ul style="list-style-type: none"><li>▪ <b>2.30.16</b> Shift Light Module: support for the new software release (v03.30.00)</li><li>▪ <b>35.64</b> GPS Module: improved GPS data synchronization</li></ul>
<b>02.30.12</b>	Jul, 11th 2019	<ul style="list-style-type: none"><li>▪ Fixed display visualization when large font is used for GEAR measure</li><li>▪ Fixed bug on Trigger Commands when the action is configured as "Reset Alarms Command"</li></ul> <p><b>External modules</b></p> <ul style="list-style-type: none"><li>▪ <b>40.63</b> Channel Expansion/TC Hub: no changes for these loggers</li></ul>
<b>02.30.10</b>	Jun, 12th 2019	<ul style="list-style-type: none"><li>▪ Fixed bug locking the device in data recall</li><li>▪ AIM CAN network improvements</li><li>▪ Fixed the calibration of the Expansion channels</li></ul> <p><b>External modules</b></p> <ul style="list-style-type: none"><li>▪ <b>40.62</b> Channel Expansion/TC Hub</li><li>▪ <b>35.61</b> GPS Module</li></ul>
<b>02.30.06</b>	May, 23rd 2019	<ul style="list-style-type: none"><li>▪ Fixed reset gear calculation</li><li>▪ Popup management:<ul style="list-style-type: none"><li>▪ Background color configurable from RS3</li><li>▪ Txt color configurable from RS3</li></ul></li></ul> <p><b>External modules</b></p> <p>No changes</p>
<b>02.30.02</b>	Apr, 19th 2019	<ul style="list-style-type: none"><li>▪ Improved K-line protocols management</li><li>▪ Added open tracks management</li></ul> <p><b>External modules</b></p> <p>No changes</p>
<b>02.26.57</b>	Mar, 22nd 2019	<ul style="list-style-type: none"><li>▪ Fix speed indication in miles for analog controls</li></ul> <p><b>External modules</b></p> <p>No changes</p>



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<b>02.26.55</b>	Mar, 14th 2019	<ul style="list-style-type: none"><li>▪ Improved ADC accuracy</li><li>▪ GPS page skipped when the vehicle is moving</li><li>▪ Increased channel frequencies for selected ECUs (in particular K-line- and RS232- based ones)</li><li>▪ Fix bug on clear alarm by keypress</li><li>▪ Fix display bug which could lead to device resets with heavy configurations (multiple pages)</li></ul> <p><b>External modules</b> No changes</p>
<b>02.26.53</b>	Feb, 14th 2019	<ul style="list-style-type: none"><li>▪ Fixed inertial platform orientation</li></ul> <p><b>External modules</b></p> <ul style="list-style-type: none"><li>▪ <b>02.26.51</b> Shift Light Module<ul style="list-style-type: none"><li>▪ Fixed issues with some ECUs</li></ul></li></ul> <p>No changes for the other modules</p>
<b>02.26.50</b>	Jan, 18th 2019	<ul style="list-style-type: none"><li>▪ Digital inputs</li><li>▪ Support for Memory Module, Strada Logger and GS-Dash</li><li>▪ ECU: support Adaptronics and Motec M4 ECU drivers</li></ul> <p><b>External modules</b></p> <ul style="list-style-type: none"><li>▪ <b>01.26.48</b> Memory Module and Strada Logger</li><li>▪ <b>01.26.47</b> GS-Dash</li></ul>
<b>02.26.35</b>	Dec, 5th 2018	<ul style="list-style-type: none"><li>▪ Added management of Shift Light Module</li><li>▪ Added the support for auto brightness levels configuration (day brightness level, night brightness level and threshold are now fully configurable)</li></ul> <p><b>External modules</b> No changes</p>
<b>02.26.12</b>	Oct, 30th 2018	<ul style="list-style-type: none"><li>▪ Support for CAN Optical Lap (IRM_42)</li><li>▪ CAN network fixes</li><li>▪ 100Hz CAN output management</li></ul> <p><b>External modules</b> No changes</p>



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<b>02.26.08</b>	Oct, 15th 2018	<ul style="list-style-type: none"><li>▪ Improved synchronization of GPS data</li></ul> <p><b>External modules</b></p> <ul style="list-style-type: none"><li>▪ <b>35.60</b> GPS Module</li><li>▪ <b>25.47</b> Lambda</li><li>▪ <b>40.61</b> Channel Expansion/TC Hub</li><li>▪ <b>70.03</b> Remote buttons interface</li></ul>
<b>02.26.06</b>	Oct, 5th 2018	<ul style="list-style-type: none"><li>▪ Fixed bug on Digital output priority handling</li></ul>
<b>02.26.01</b>	Oct, 1st 2018	<ul style="list-style-type: none"><li>▪ Added support for rear cam and rear cam configuration menu</li><li>▪ Fix on units of measure visualization</li></ul>
<b>02.24.04</b>	Sep, 21st 2018	<ul style="list-style-type: none"><li>▪ Support for RS232 protocols</li></ul>
<b>02.22.96</b>	Sep, 11th 2018	<ul style="list-style-type: none"><li>▪ Fixed potentiometers calibration</li><li>▪ Improved display management when ECU CAN stream has very few fields</li></ul>
<b>02.22.93</b>	Sep, 4th 2018	<ul style="list-style-type: none"><li>▪ Support for fuel set/reset using Race Studio 3</li><li>▪ Fix on visualized unit of measure</li></ul>
<b>02.22.81</b>	Jul, 27th 2018	<ul style="list-style-type: none"><li>▪ Fixed Remote button interface compatibility</li><li>▪ Fixed multiplexed CAN protocols management</li></ul>