# MXS 1.2 Release history



| Version | Date | Change/additions |
|---|---|---|
| **02.40.77** | Oct, 11th 2023 | ▪ Improved AiM CAN NET<br>**External modules**<br>▪ **25.49** LCU-One CAN (improved warm up handling)<br>▪ **01.32.28** MMOD Strada Logger (fix Net table in download data)<br>▪ **02.40.73** ACC (fix sample time bug caused no recorded data) |
| **02.40.53** | Feb, 7th 2023 | ▪ GPS09C support<br>**External modules**<br>No changes |
| **02.40.40** | Nov, 23rd 2022 | ▪ Added predictive reference lap management<br>**External modules**<br>No changes |
| **02.40.21** | Jul, 27th 2022 | ▪ New expansion boards (GSDASH2, RIO2_B, Shiftlight_B) support<br>**External modules**<br>▪ **02.40.02** RIO2 Module B<br>▪ **02.40.10** Shiftlight Module B<br>▪ **02.40.21** GSDASH2<br>▪ **01.32.16** GSDASH |

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| Version | Date | Change/additions |
|---|---|---|
| **02.40.00** | May, 17th 2022 | ▪ SmartyCam 3 Sport support<br>**External modules**<br>No changes |
| **02.38.05** | Feb, 17th 2022 | ▪ Added GPS09B device support<br>**External modules**<br>▪ **02.38.03** GPS09B |
| **02.36.76** | Sep, 10th 2021 | ▪ Fixed digital speed parameters from RS3 configuration setup<br>**External modules**<br>▪ **02.36.64** GPS09: Improved GPS data synchronization |
| **02.34.29** | Nov, 25th 2020 | ▪ Added GPS09 support<br>**External modules**<br>▪ **35.65** GPS Module: Fix Masterclock received from master that caused bad values in GPS data timestamp |
| **02.32.81** | Jul, 17th 2020 | ▪ Fixed RPM issue due to wrong RPM factor handling<br>**External modules**<br>No changes |
| **02.32.72** | May, 22nd 2020 | ▪ Simulators handling<br>▪ Added Hour/Date info from GPS tracks<br>▪ Added reference speed used to calculate odometers<br>**External modules**<br>No changes |
| **02.32.55** | Apr, 23rd 2020 | ▪ General speed up in transmitting configuration<br>▪ Solved missing timeout on ECU channels for some serial protocol (RS232 and K-line) (AB#59)<br>▪ Improved track visualization<br>▪ Digital channels: bug fix on RPM input capture<br>▪ Fixed alarms based on BestDiff time<br>**External modules**<br>No changes |

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| **02.32.12** | Feb, 10th 2020 | ▪ Fixed bug that didn't enable the display page after rear camera visualization<br><br>**External modules**<br>No changes |
| **02.32.09** | Oct, 17th 2019 | ▪ First Release including the new graphic engine which has the following improvements:<br>  ▪ Faster boot time<br>  ▪ Boot time independent from the number of configured pages<br>  ▪ Improvement in font visualization quality<br>  ▪ Resizable fonts<br>  ▪ Colorable icons<br><br>This firmware release is compatible ***ONLY*** with the Race Studio 3 releases starting from the 03.30.00<br><br>**External modules**<br>▪ **2.30.16** Shift Light Module: support for the new software release (v03.30.00)<br>▪ **35.64** GPS Module: improved GPS data synchronization |
| **02.30.12** | Jul, 11th 2019 | ▪ Fixed display visualization when large font is used for GEAR measure<br>▪ Fixed bug on Trigger Commands when the action is configured as "Reset Alarms Command"<br><br>**External modules**<br>▪ **40.63** Channel Expansion/TC Hub: no changes for these loggers |
| **02.30.10** | Jun, 12th 2019 | ▪ Fixed bug locking the device in data recall<br>▪ AIM CAN network improvements<br>▪ Fixed the calibration of the Expansion channels<br><br>**External modules**<br>▪ **40.62** Channel Expansion/TC Hub<br>▪ **35.61** GPS Module |
| **02.30.06** | May, 23rd 2019 | ▪ Fixed reset gear calculation<br>▪ Popup management:<br>  ▪ Background color configurable from RS3<br>  ▪ Txt color configurable from RS3<br><br>**External modules**<br>No changes |

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| Version | Date | Change/additions |
|---|---|---|
| **02.30.02** | Apr, 19th 2019 | ▪ Improved K-line protocols management<br>▪ Added open tracks management<br>**External modules**<br>No changes |
| **02.26.57** | Mar, 22nd 2019 | ▪ Fix speed indication in miles for analog controls<br>**External modules**<br>No changes |
| **02.26.55** | Mar, 14th 2019 | ▪ Improved ADC accuracy<br>▪ GPS page skipped when the vehicle is moving<br>▪ Increased channel frequencies for selected ECUs (in particular K-line- and RS232- based ones)<br>▪ Fix bug on clear alarm by keypress<br>▪ Fix display bug which could lead to device resets with heavy configurations (multiple pages)<br>**External modules**<br>No changes |
| **02.26.53** | Feb, 14th 2019 | ▪ Fixed inertial platform orientation<br>**External modules**<br>▪ **02.26.51** Shift Light Module<br>▪ Fixed issues with some ECUs<br>No changes for the other modules |
| **02.26.50** | Jan, 18th 2019 | ▪ Digital inputs<br>▪ Support for Memory Module, Strada Logger and GS-Dash<br>▪ ECU: support Adaptronics and Motec M4 ECU drivers<br>**External modules**<br>▪ **01.26.48** Memory Module and Strada Logger<br>▪ **01.26.47** GS-Dash |

# MXS 1.2 Release history



| Version | Date | Change/additions |
|---|---|---|
| **02.26.35** | Dec, 5th 2018 | ▪ Added management of Shift Light Module<br>▪ Added the support for auto brightness levels configuration (day brightness level, night brightness level and threshold are now fully configurable)<br>**External modules**<br>No changes |
| **02.26.12** | Oct, 30th 2018 | ▪ Support for CAN Optical Lap (IRM_42)<br>▪ CAN network fixes<br>▪ 100Hz CAN output management<br>**External modules**<br>No changes |
| **02.26.08** | Oct, 15th 2018 | ▪ Improved synchronization of GPS data<br>**External modules**<br>▪ **35.60** GPS Module<br>▪ **25.47** Lambda<br>▪ **40.61** Channel Expansion/TC Hub<br>▪ **70.03** Remote buttons interface |
| **02.26.06** | Oct, 5th 2018 | ▪ Fixed bug on Digital output priority handling |
| **02.26.01** | Oct, 1st 2018 | ▪ Added support for rear cam and rear cam configuration menu<br>▪ Fix on units of measure visualization |
| **02.24.04** | Sep, 21st 2018 | ▪ Support for RS232 protocols |
| **02.22.96** | Sep, 11th 2018 | ▪ Fixed potentiometers calibration<br>▪ Improved display management when ECU CAN stream has very few fields |
| **02.22.93** | Sep, 4th 2018 | ▪ Support for fuel set/reset using Race Studio 3<br>▪ Fix on visualized unit of measure |
| **02.22.81** | Jul, 27th 2018 | ▪ Fixed Remote button interface compatibility<br>▪ Fixed multiplexed CAN protocols management |