

## **AiM Firmware Documentation**

July, 17<sup>th</sup> 2020

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# MXP Strada Release history

Version	Date	Change/additions		
02.32.81	Jul, 17th 2020	Fixed RPM issue due to wrong RPM factor handling		
		External modules		
		No changes		
02.32.72	May, 22nd 2020	Simulators handling		
		Added Hour/Date info from GPS tracks		
		Added reference speed used to calculate odometers		
		External modules		
		No changes		
02.32.55	Apr, 23rd 2020	General speed up in transmitting configuration		
		Solved missing timeout on ECU channels for some serial protocol (RS232 and K-line) (AB#59)		
		Improved track visualization		
		Digital channels: bug fix on RPM input capture		
		Fixed alarms based on BestDiff time		
		External modules		
		No changes		
02.32.12	Feb, 10th 2020	Fixed bug that didn't enable the display page after rear camera visualization External modules		
		No changes		
02.32.09	Oct, 17th 2019	First Release including the new graphic engine which has the following improvements:		
		<ul> <li>Faster boot time</li> <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> <li>This firmware release is compatible ***ONLY*** with the Race Studio 3 releases starting from the 03.30.00</li> </ul>		
		External modules		
		<b>2.30.16</b> Shift Light Module: support for the new software release (v03.30.00)		
		<b>35.64</b> GPS Module: improved GPS data synchronization		



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Version	Date	Change/additions		
02.30.12	Jul, 11th 2019	<ul> <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> <li>External modules</li> <li>40.63 Channel Expansion/TC Hub: no changes for these loggers</li> </ul>		
02.30.10	Jun, 12th 2019	<ul> <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> <li>External modules</li> <li>40.62 Channel Expansion/TC Hub</li> <li>35.61 GPS Module</li> </ul>		
02.30.06	May, 23rd 2019	<ul> <li>Fixed reset gear calculation</li> <li>Popup management: <ul> <li>Background color configurable from RS3</li> <li>Txt color configurable from RS3</li> </ul> </li> <li>External modules</li> <li>No changes</li> </ul>		
02.30.02	Apr, 19th 2019	<ul> <li>Improved K-line protocols management</li> <li>Added open tracks management</li> <li>External modules</li> <li>No changes</li> </ul>		
02.26.57	Mar, 22nd 2019	<ul> <li>Fix speed indication in miles for analog controls</li> <li>External modules</li> <li>No changes</li> </ul>		



Version

02.26.55

02.26.53

02.26.52

02.26.50

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	Change/additions		
Mar, 14th 2019 Improved ADC accuracy	Improved ADC accuracy		
GPS page skipped when the vehicle is moving	GPS page skipped when the vehicle is moving		
Increased channel frequencies for selected ECUs (in particular K-line- and RS232- based o	Increased channel frequencies for selected ECUs (in particular K-line- and RS232- based ones)		
Fix bug on clear alarm by keypress			
Fix display bug which could lead to device resets with heavy configurations (multiple pag	Fix display bug which could lead to device resets with heavy configurations (multiple pages)		
External modules			
No changes			
Feb, 14th 2019 Fixed inertial platform orientation	Fixed inertial platform orientation		
External modules			
No changes			
Jan, 30th 2019 Fix on shift lights management			
External modules			
02.26.51 Shift Light Module			
<ul> <li>02.26.51 Shift Light Module</li> <li>Fixed issues with some ECUs</li> </ul>			
Fixed issues with some ECUs			
Fixed issues with some ECUs			
Fixed issues with some ECUs No changes for the other modules			
<ul> <li>Fixed issues with some ECUs</li> <li>No changes for the other modules</li> <li>Jan, 18th 2019</li> <li>Digital inputs</li> </ul>			
<ul> <li>Fixed issues with some ECUs</li> <li>No changes for the other modules</li> <li>Jan, 18th 2019</li> <li>Digital inputs</li> <li>Support for Memory Module, Strada Logger and GS-Dash</li> </ul>			
<ul> <li>Fixed issues with some ECUs</li> <li>No changes for the other modules</li> <li>Jan, 18th 2019</li> <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>			

 02.26.35
 Dec, 5th 2018

 Added management of Shift Light Module
 Added the support for auto brightness levels configuration (day brightness level, night brightness level and threshold are now fully configurable)
 External modules
 No changes



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Version	Date	Change/additions		
02.26.12 Oct, 30th 2018		<ul> <li>Support for CAN Optical Lap (IRM_42)</li> <li>CAN network fixes</li> <li>100Hz CAN output management</li> </ul>		
		<b>External n</b> No change		
02.26.08	Oct, 15th 2018	Improved	Improved synchronization of GPS data	
		External modules		
		<b>35.60</b>	GPS Module	
		= 25.47	Lambda	
		<b>40.61</b>	Channel Expansion/TC Hub	
		<b>70.03</b>	Remote buttons interface	