



<b>CUSTOMER DOCUMENTATION</b>	<b>October 3<sup>rd</sup> 2007</b>	<b>FIRMWARE</b>	<b>AUTO-MOTO-LOG</b>
<b>Firmware Release history: MyChron 3 AUTO – MOTO - LOG</b>			<b>Release history</b>

**October 3<sup>rd</sup> 2007**

**Firmup\_AUTOMOTOL\_071003.exe**

<b>Logger</b>	<b>PCB</b>	<b>Version</b>	<b>Changes - Additions</b>
M3Plus/Gold/Gold XG	MYC 35	3.16	
M3Plus/Gold	MYC 36	5.12	
M3 LOG BIKE/ VISOR	MYC 35	3.16	
M3 LOG BIKE/ VISOR	MYC 36	5.12	
M3 XG LOG	MYC 35	9.23	- Fixed the samples-data shift generated after first runs. Now the data are always synchronized, even after interruptions caused by power off.
M3 XG LOG	MYC 36	9.23	

**September 27<sup>th</sup> 2006**

**Firmup\_AUTOMOTOL\_060927.exe**

<b>Logger</b>	<b>PCB</b>	<b>Version</b>	<b>Changes - Additions</b>
M3Plus/Gold/Gold XG	MYC 35	3.16	- New rpm scales (5000, 14.000, 18.000 ....) - Manages Lambda Analogical signal from LCU-One
M3Plus/Gold	MYC 36	5.12	
M3 LOG BIKE/ VISOR	MYC 35	3.16	
M3 LOG BIKE/ VISOR	MYC 36	5.12	
M3 XG LOG	MYC 35	9.20	- If you choose in RaceStudio Configuration for the Sensor Type AIM Lambda LCU-ONE the Measure Unit Lambda .01 you'll have on the display the lambda value x100 (ex. Lambda=1.23 on display lambda= 123)
M3 XG LOG	MYC 36	9.20	- Fixed management of Revolution Speed Sensor.

**July 6<sup>th</sup> 2006**

**Firmup\_AUTOMOTOL\_060706.exe**

<b>Logger</b>	<b>PCB</b>	<b>Version</b>	<b>Changes - Additions</b>
M3Plus/Gold/Gold XG	MYC 35	3.15	
M3Plus/Gold	MYC 36	5.10	



M3 LOG BIKE/ VISOR	MYC 35	3.15	
M3 LOG BIKE/ VISOR	MYC 36	5.10	
M3 XG LOG	MYC 35	9.09	
M3 XG LOG	MYC 36	9.19	Fixed the measures of some sensors Management of new RPM scales Fixed bug causing the storage of some Splits as Laps Inserted Analogic Lambda LCU-ONE sensor management

#### November 15<sup>th</sup> 2005

#### **Firmup\_AUTOMOTOL\_051115.exe**

Logger	PCB	Version	Changes - Additions
M3Plus/Gold/Gold XG	MYC 35	3.15	
M3Plus/Gold	MYC 36	5.10	Fixed bug: now it shows correctly visualized measures.
M3 LOG BIKE/ VISOR	MYC 35	3.15	
M3 LOG BIKE/ VISOR	MYC 36	5.10	Fixed bug: now it shows correctly visualized measures.
M3 XG LOG	MYC 35	9.09	
M3 XG LOG	MYC 36	9.16	

#### June 27<sup>th</sup> 2005

#### **Firmup4\_AUTOMOTOL\_050627.exe**

Logger	PCB	Version	Changes - Additions
M3Plus/Gold/Gold XG	MYC 35	3.15	
M3Plus/Gold	MYC 36	5.09	Corrected Backlight status recovery
M3 LOG BIKE/ VISOR	MYC 35	3.15	
M3 LOG BIKE/ VISOR	MYC 36	5.09	Corrected Backlight status recovery
M3 XG LOG	MYC 35	9.09	
M3 XG LOG	MYC 36	9.16	

#### June 20<sup>th</sup> 2005

#### **Firmup4\_AUTOMOTOL\_050620.exe**

Logger	PCB	Version	Changes - Additions
M3Plus/Gold/Gold XG	MYC 35	3.15	Added "1/5" RPM Multiply Factor
M3Plus/Gold	MYC 36	5.08	Added "1/5" RPM Multiply Factor
M3 LOG BIKE/ VISOR	MYC 35	3.15	Added "1/5" RPM Multiply Factor
M3 LOG BIKE/ VISOR	MYC 36	5.08	Added "1/5" RPM Multiply Factor
M3 XG LOG	MYC 35	9.09	Added "1/5" RPM Multiply Factor
M3 XG LOG	MYC 36	9.16	Added "1/5" RPM Multiply Factor

January 16<sup>th</sup> 2005

Firmup4\_AUTOMOTOL\_050116.exe

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Logger	PCB	Version	Changes - Additions
M3Plus/Gold/Gold XG	MYC 35	3.14	
M3Plus/Gold	MYC 36	5.07	
M3 LOG BIKE/ VISOR	MYC 35	3.14	
M3 LOG BIKE/ VISOR	MYC 36	5.07	
M3 XG LOG	MYC 35	9.08	<ul style="list-style-type: none"><li>Fixed bug: on custom sensors with “Automatic” decimal it showed the value multiplied by 1000. While before a value going between 0 and <b>1,999</b> was shown as between 0 and <b>1.999</b>, now it shows correctly values between 0 and 1999 for measures with range 0-2000 (like, for example, pressures included between 0 and 1999 PSI).</li></ul>
M3 XG LOG	MYC 36	9.15	<ul style="list-style-type: none"><li>Fixed bug: on custom sensors with “Automatic” decimal it showed the value multiplied by 1000. While before a value going between 0 and 1,999 was shown as between 0 and 1.999, now it shows correctly values between 0 and 1999 for measures with range 0-2000 (like, for example, pressures included between 0 and 1999 PSI).</li></ul>

December 30<sup>th</sup> 2004

Firmup4\_AUTOMOTOL\_041230.exe

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Logger	PCB	Version	Changes - Additions
M3Plus/Gold/Gold XG	MYC 35	3.14	<ul style="list-style-type: none"><li>Final version for firmware and booter upgrade to VID = 11CC in Pc USB communication</li></ul>
M3Plus/Gold	MYC 36	5.07	<ul style="list-style-type: none"><li>Final version for firmware and booter upgrade to VID = 11CC in Pc USB communication</li></ul>
M3 LOG BIKE/ VISOR	MYC 35	3.14	<ul style="list-style-type: none"><li>Final version for firmware and booter upgrade to VID = 11CC in Pc USB communication</li></ul>
M3 LOG BIKE/ VISOR	MYC 36	5.07	<ul style="list-style-type: none"><li>Final version for firmware and booter upgrade to VID = 11CC in Pc USB communication</li></ul>
M3 XG LOG	MYC 35	9.07	<ul style="list-style-type: none"><li>Final version for firmware and booter upgrade to VID = 11CC in Pc USB communication</li><li>Initialisation at restart strengthen. In some critical conditions initialisation could result incomplete, this way compromising the proper working of both AIM acquisition and ECU reception.</li></ul>
M3 XG LOG	MYC 36	9.14	<ul style="list-style-type: none"><li>Final version for firmware and booter upgrade to VID = 11CC in Pc USB communication</li><li>Initialisation at restart strengthen. In some critical conditions initialisation could result incomplete, this way compromising the proper working of both AIM acquisition and ECU reception.</li></ul>

December 10<sup>th</sup> 2004

**Firmup4\_AUTOMOTOL\_041210.exe**

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Logger	PCB	Version	Changes - Additions
M3Plus/Gold/Gold XG	MYC 35	3.13	<ul style="list-style-type: none"><li>No firmware changes since last release</li><li>Firmup made bilingual: Italian and English</li></ul>
M3Plus/Gold	MYC 36	5.06	<ul style="list-style-type: none"><li>No firmware changes since last release</li><li>Firmup made bilingual: Italian and English</li></ul>
M3 LOG BIKE/ VISOR	MYC 35	3.13	<ul style="list-style-type: none"><li>No firmware changes since last release</li><li>Firmup made bilingual: Italian and English</li></ul>
M3 LOG BIKE/ VISOR	MYC 36	5.06	<ul style="list-style-type: none"><li>No firmware changes since last release</li><li>Firmup made bilingual: Italian and English</li></ul>
M3 XG LOG	MYC 35	9.06	<ul style="list-style-type: none"><li>No firmware changes since last release</li><li>Firmup made bilingual: Italian and English</li></ul>
M3 XG LOG	MYC 36	9.13	<ul style="list-style-type: none"><li>No firmware changes since last release</li><li>Firmup made bilingual: Italian and English</li></ul>
M3 DASH	MYC 35	3.13	<ul style="list-style-type: none"><li>No firmware changes since last release</li><li>Firmup made bilingual: Italian and English</li></ul>

October 27<sup>th</sup> 2004

**Firmup4\_AUTOMLOG\_041022.exe**

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Logger	PCB	Version	Changes - Additions
M3Plus/Gold/Gold XG	MYC 35	3.13	<ul style="list-style-type: none"><li>No firmware changes since last release</li><li>Support for new USB drivers (10.01) made official; still supports old USB drivers (since Race Studio 2.17.xx)</li></ul>
M3Plus/Gold	MYC 36	5.06	<ul style="list-style-type: none"><li>No firmware changes since last release</li><li>Support for new USB drivers (10.01) made official; still supports old USB drivers (since Race Studio 2.17.xx)</li></ul>
M3 LOG BIKE/ VISOR	MYC 35	3.13	<ul style="list-style-type: none"><li>No firmware changes since last release</li><li>Support for new USB drivers (10.01) made official; still supports old USB drivers (since Race Studio 2.17.xx)</li></ul>
M3 LOG BIKE/ VISOR	MYC 36	5.06	<ul style="list-style-type: none"><li>No firmware changes since last release</li><li>Support for new USB drivers (10.01) made official; still supports old USB drivers (since Race Studio 2.17.xx)</li></ul>
M3 XG LOG	MYC 35	9.06	<ul style="list-style-type: none"><li>No firmware changes since last release</li><li>Support for new USB drivers (10.01) made official; still supports old USB drivers (since Race Studio 2.17.xx)</li></ul>
M3 XG LOG	MYC 36	9.13	<ul style="list-style-type: none"><li>No firmware changes since last release</li><li>Support for new USB drivers (10.01) made official; still supports old USB drivers (since Race Studio 2.17.xx)</li></ul>
M3 DASH	MYC 35	3.13	<ul style="list-style-type: none"><li>No firmware changes since last release</li><li>Support for new USB drivers (10.01) made official; still supports old USB drivers (since Race Studio 2.17.xx)</li></ul>

**October 22<sup>nd</sup> 2004****Firmup\_AUTOMLOG\_041022.exe**

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<b>Logger</b>	<b>PCB</b>	<b>Version</b>	<b>Changes - Additions</b>
M3Plus/Gold/Gold XG	MYC 35	3.13	Added support for Yamaha R1-R6 Plug&Play kit
M3Plus/Gold	MYC 36	5.06	Deleted lap number increasing with memorization off Corrected display management of custom sensors Corrected partial and total odometer management Fixed bug in memory management: in some cases laps where not shown correctly.
M3 LOG BIKE/ VISOR	MYC 35	3.13	
M3 LOG BIKE/ VISOR	MYC 36	5.06	Deleted lap number increasing with memorization off Corrected display management of custom sensors Corrected partial and total odometer management Fixed bug: correct management in line ECU timeout
M3 XG LOG	MYC 35	9.06	
M3 XG LOG	MYC 36	9.13	
M3 DASH	MYC 35	3.13	

**October 7<sup>th</sup> 2004****Firmup\_AUTOMLOG\_041007.exe**

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<b>Logger</b>	<b>PCB</b>	<b>Version</b>	<b>Changes - Additions</b>
M3Plus/Gold/Gold XG	MYC 35	3.12	Corrected bug in automatic display switch from street to track mode.
M3Plus/Gold	MYC 36	5.05	Corrected bug in automatic display switch from street to track mode.
M3 LOG BIKE/ VISOR	MYC 35	3.12	Fixed bug in ECU speed sensor management display
M3 LOG BIKE/ VISOR	MYC 36	5.05	Fixed bug in ECU speed sensor management display
M3 XG LOG	MYC 35	9.06	
M3 XG LOG	MYC 36	9.13	
M3 DASH	MYC 35	3.12	

**September 10<sup>th</sup> 2004****Firmup\_AUTOMLOG\_040910.exe**

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<b>Logger</b>	<b>PCB</b>	<b>Version</b>	<b>Changes - Additions</b>
M3Plus/Gold/Gold XG	MYC 35	3.11	
M3Plus/Gold	MYC 36	5.04	
M3 LOG BIKE/ VISOR	MYC 35	3.11	
M3 LOG BIKE/ VISOR	MYC 36	5.04	
M3 XG LOG	MYC 35	9.06	Corrected CheckAll function for alarms management



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M3 XG LOG	MYC 36	9.13	Corrected CheckAll function for alarms management
M3 DASH	MYC 35	3.11	

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**September 6<sup>th</sup> 2004****Firmup\_AUTOMLOG\_040906.exe**

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Logger	PCB	Version	Changes - Additions
M3Plus/Gold/Gold XG	MYC 35	3.11	
M3Plus/Gold	MYC 36	5.04	
M3 LOG BIKE/ VISOR	MYC 35	3.11	Fixed bug for RPM sensor on MyChron 3 Log bike
M3 LOG BIKE/ VISOR	MYC 36	5.04	Fixed bug for RPM sensor on MyChron 3 Log bike
M3 XG LOG	MYC 35	9.05	
M3 XG LOG	MYC 36	9.12	
M3 DASH	MYC 35	3.11	

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**July 8<sup>th</sup> 2004****Firmup\_AUTOMLOG\_040708.exe**

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Logger	PCB(*)	Version	Changes - Additions
M3Plus/Gold/Gold XG	MYC 35	3.10	
M3Plus/Gold	MYC 36	5.03	First working version for MYC 36
M3 LOG BIKE/ VISOR	MYC 35	3.10	
M3 LOG BIKE/ VISOR	MYC 36	5.03	First working version for MYC 36
M3 XG LOG	MYC 35	9.05	<ul style="list-style-type: none"><li>Values shown with three decimals are shown on display multiplied for 1000 and without dp</li></ul>
M3 XG LOG	MYC 36	9.12	<ul style="list-style-type: none"><li>Values shown with three decimals are shown on display multiplied for 1000 and without dp</li></ul>
M3 DASH	MYC 35	3.10	

(\*) PCB = Printed Circuit Board

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**May 7<sup>th</sup> 2004****Firmup\_AUTOMLOG\_040506.exe**

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Logger	Version	Changes - Additions
M3Plus/Gold/Gold XG	3.10	<ul style="list-style-type: none"><li>Added filter for Suzuki GSXR Temperatures</li></ul>
M3 LOG BIKE/ VISOR	3.10	
M3 XG LOG	9.04	<ul style="list-style-type: none"><li>Fixed CAN communication between the display unit, the Junction box and the ECU.</li></ul>
M3 DASH	3.10	

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**April 23<sup>rd</sup> 2004****Firmup\_AUTOMLOG\_040423.exe**

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<b>Logger</b>	<b>Version</b>	<b>Changes - Additions</b>
M3Plus/Gold/Gold XG	3.09	<ul style="list-style-type: none"><li>• Added support for Honda CBR-RR 600</li><li>• Fixed bug concerning P1, T1...recall</li><li>• Plug &amp; Play kit: Fixed bug concerning "RUN number 255" displayed in Analysis</li><li>• Fixed bug concerning "Oil pressure Suzuki" sensor</li></ul>
M3 LOG BIKE/ VISOR	3.09	<ul style="list-style-type: none"><li>• Fixed bug concerning P1, T1...recall</li></ul>
M3 XG LOG	9.04	<ul style="list-style-type: none"><li>• Fixed CAN communication between the display unit, the Junction box and the ECU.</li></ul>
M3 DASH	3.09	

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**March 22<sup>nd</sup> 2004****Firmup\_AUTOMLOG\_040322.exe**

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<b>Logger</b>	<b>Version</b>	<b>Changes - Additions</b>
M3Plus/Gold/Gold XG	3.08	
M3 LOG BIKE/ VISOR	3.08	
M3 XG LOG	9.03	<ul style="list-style-type: none"><li>• Fixed bug concerning configuration management</li></ul>
M3 DASH	3.08	

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**March 17<sup>th</sup>. 2004****Firmup\_AUTOMLOG\_040317.exe**

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<b>Logger</b>	<b>Version</b>	<b>Changes - Additions</b>
M3Plus/Gold/XG	3.08	
M3 LOG / VISOR	3.08	
M3 XG LOG	9.01	
M3 DASH	3.08	<ul style="list-style-type: none"><li>• Fixed bug concerning Max/Min values recall from memory</li></ul>

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**February 27<sup>th</sup>. 2004****Firmup\_AUTOMLOG\_040227.exe**

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<b>Logger</b>	<b>Version</b>	<b>Changes - Additions</b>
M3Plus/Gold/XG	3.07	
M3 LOG / VISOR	3.07	
M3 XG LOG	9.01	<ul style="list-style-type: none"><li>• First official version released</li></ul>
M3 DASH	3.07	<ul style="list-style-type: none"><li>• Fixed bug concerning memory management</li></ul>

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**December 18<sup>th</sup>. 2003****Firmup\_AUTOMLOG\_031218.exe**

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Logger	Version	Changes - Additions
M3Plus/Gold/XG	3.06	<ul style="list-style-type: none"><li>Fixed visualization bug: the wheel circumference was correctly transmitted but, once switched off the logger and re-switched it on, the circumference was displayed as 0.</li></ul>
M3 LOG / VISOR	3.06	<ul style="list-style-type: none"><li>Fixed visualization bug: the wheel circumference was correctly transmitted but, once switched off the logger and re-switched it on, the circumference was displayed as 0.</li></ul>
M3 DASH	3.06	<ul style="list-style-type: none"><li>Fixed visualization bug: the wheel circumference was correctly transmitted but, once switched off the logger and re-switched it on, the circumference was displayed as 0.</li></ul>

**December 16<sup>th</sup>. 2003**

**Firmup\_AUTOMLOG\_031216.exe**

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Logger	Version	Changes - Additions
M3Plus/Gold/XG	3.05	<ul style="list-style-type: none"><li>Fixed bug (MyChron 3 PLUS): in some cases the logger configuration was damaged.</li></ul>
M3 LOG / VISOR	3.05	
M3 DASH	3.05	

**December 2<sup>nd</sup>. 2003**

**Firmup\_AUTOMLOG\_031202.exe**

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Logger	Version	Changes - Additions
M3Plus/Gold/XG	3.04	<ul style="list-style-type: none"><li>Odometer for MyChron 3 Gold “SNOWMOBILE” managed as for MyChron 3 “SUZUKI”</li><li>Added replay of channels 3 and 4</li></ul>
M3 LOG / VISOR	3.04	<ul style="list-style-type: none"><li>Added replay of channels 3 and 4</li></ul>
M3 DASH	3.04	

**November 28<sup>th</sup>. 2003**

**Firmup\_M3AUTOMOTOLOG\_031128.exe**

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Logger	Version	Changes - Additions
M3Plus/Gold/XG	3.03	<ul style="list-style-type: none"><li>Fixed minor visualization bugs</li></ul>
M3 LOG / VISOR	3.03	<ul style="list-style-type: none"><li>Fixed minor visualization bugs</li></ul>
M3 DASH	3.03	<ul style="list-style-type: none"><li>Fixed minor visualization bugs</li></ul>

**November 6<sup>th</sup>. 2003**

**Firmup\_M3AUTOMOTOLOG\_031106.exe**

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Logger	Version	Changes - Additions
M3Plus/Gold/XG	3.02	<ul style="list-style-type: none"><li>Modified slip factor calculation (MyChron 3 Gold “SNOWMOBILE” only)</li></ul>
M3 LOG / VISOR	3.02	
M3 DASH	3.02	

**NOTE:** Firmware versions released before November 6<sup>th</sup> 2003 are not included inside this documentation. If you wish to see the “old” firmware’s release history, please connect to our website [www.aim-sportline.com](http://www.aim-sportline.com) and download the file **Firm\_Updt\_customers\_030905.pdf**.