

## MyChron5 Release history

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Version	Date	Change/additions
<b>01.30.30</b>	Jun 18th 2021	<ul style="list-style-type: none"><li>Fixed GPS data timestamping that in some cases caused shorter lap times</li></ul> <b>External modules</b> No changes
<b>01.30.28</b>	Apr 27th 2021	<ul style="list-style-type: none"><li>Fixed GPS data time synchronization</li><li>Fixed counters functionality in case of no speed channel is available (GPS off)</li><li>Fixed channels acquisition name that caused issue with Race Studio Analysis mathematical channels</li></ul> <b>External modules</b> No changes
<b>01.30.00</b>	Jun 15th 2020	<ul style="list-style-type: none"><li>Added Hour/Date info from GPS tracks</li></ul> <b>External modules</b> No changes
<b>01.28.32</b>	Mar 19th 2020	<ul style="list-style-type: none"><li>Fixed magnetical lap</li></ul> <b>External modules</b> No changes
<b>01.28.31</b>	Mar 18th 2020	<ul style="list-style-type: none"><li>Improved synchronization between local and GPS data</li><li>Added possibility to revert the sign of Steering calibration when the sensor is configured for Mychron Expansion</li><li>Added missing brake pressure sensors in supported sensors list for Mychron Expansion</li><li>Fixed GPS data sent to SMC (before sent @1Hz, now @10 Hz)</li><li>Improved track rendering</li></ul> <b>External modules</b> No changes
<b>01.28.08</b>	Jul 5th 2019	<ul style="list-style-type: none"><li>Fixed firmup to have the same firmware version in Oval and Road Mode</li></ul> <b>External modules</b> No changes
<b>01.28.06</b>	Jun 12th 2019	<ul style="list-style-type: none"><li>Improved visualization of the temperature channels in custom pages</li></ul> <b>External modules</b> No changes

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Version	Date	Change/additions
<b>01.26.34</b>	Sep 7th 2018	<ul style="list-style-type: none"><li>▪ Fixed IR Temp controller management</li><li>▪ Removed the wrong "fuel used" reset in RS3 "Counters" page</li></ul> <b>External modules</b> No changes
<b>01.26.33</b>	Jun 11th 2018	<ul style="list-style-type: none"><li>▪ Fixed bug that sometimes caused bad GPS data acquisition and consequently problems in the data shown in Analysis</li></ul> <b>External modules</b> No changes
<b>01.24.62</b>	Jun 20th 2017	<ul style="list-style-type: none"><li>▪ Reintroduced in "LapTime Setup" the Menu voice "Beacon Mode" for Automatic or Manual Mode (european systems).</li></ul> <b>External modules</b> No changes
<b>01.24.60</b>	Jun 13th 2017	<ul style="list-style-type: none"><li>▪ Improved filtering in temperatures management</li></ul> <b>External modules</b> No changes
<b>01.24.40</b>	Apr 11th 2017	<ul style="list-style-type: none"><li>▪ Added oval track support</li><li>▪ Fixed bug in the bottom right measure of a display custom page that sometimes was dirty</li><li>▪ Reinforced odometers management by RS3 that in some cases caused issue on M5 menu</li></ul> <b>External modules</b> No changes
<b>01.22.99</b>	Jan 19th 2017	<ul style="list-style-type: none"><li>▪ For M5 USA, reintroduced in data recall the histogram laps page only for road racing tests</li></ul> <b>External modules</b> No changes
<b>01.22.98</b>	Dec 22nd 2016	<ul style="list-style-type: none"><li>▪ Added IR Temperature Controller support</li><li>▪ Added in custom page setup on the bottom right field the possibility to choose any measure available, not the lap time measures only</li></ul> <b>External modules</b> <ul style="list-style-type: none"><li>▪ <b>25.46</b> Lambda</li><li>▪ <b>48.18</b> MyChron Expansion/IR Temperature Controller: added IR Temperature Controller support</li></ul>

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<b>01.22.94</b>	Dec 5th 2016	<ul style="list-style-type: none"><li>▪ No changes</li></ul> <b>External modules</b> <ul style="list-style-type: none"><li>▪ <b>25.46</b> Lambda: Fixed bug that caused shifted lambda samples</li><li>▪ <b>48.15</b> MyChron Expansion</li></ul>
<b>01.22.92</b>	Nov 29th 2016	<ul style="list-style-type: none"><li>▪ Fixed bug which prevented editing of Wi-Fi and User parameters from RS3</li><li>▪ Minor improvements</li></ul>
<b>01.22.86</b>	Nov 15th 2016	<ul style="list-style-type: none"><li>▪ Added IRM CAN LAP support</li></ul>
<b>01.22.84</b>	Oct 13th 2016	<ul style="list-style-type: none"><li>▪ Fixed bug in GPS lap management that in some cases caused loss of laps detected</li><li>▪ Fixed bug on Lambda value to SmartyCam HD</li></ul>
<b>01.22.70</b>	Sep 8th 2016	<ul style="list-style-type: none"><li>▪ Improved display management in case of strong electro-magnetical noise</li><li>▪ Improved analogic channels acquisition for Mychron Expansion</li><li>▪ Fixed conversion of TEXENSE INKFL 0-150°C sensor for Mychron Expansion</li></ul>
<b>01.22.60</b>	Jul 25th 2016	<ul style="list-style-type: none"><li>▪ Fixed: speed and gear in SC measures</li><li>▪ Fixed: Wi-Fi troubles with TP-link routers</li><li>▪ Minor bugfixes and improvements</li></ul>
<b>01.22.54</b>	Jul 15th 2016	<ul style="list-style-type: none"><li>▪ Fixed an issue in version 01.22.52 only: time and date update may not work</li></ul>
<b>01.22.52</b>	Jul 12th 2016	<ul style="list-style-type: none"><li>▪ Fixed predictive and +/-Best time display visualization</li><li>▪ Fixed Led Bar OFF mode</li><li>▪ Japanese language update</li><li>▪ Minor bugfixes and improvements</li></ul>
<b>01.22.44</b>	Jun 17th 2016	<ul style="list-style-type: none"><li>▪ The default pages can now show the external temperatures if the internal ones are not connected</li><li>▪ Increased min voltage gap in expansion sensors calibration</li><li>▪ Improved menu for Mychron Expansion sensors setup</li><li>▪ Improved GPS lap generation in case of finish line is too close to another part of the track</li><li>▪ Added GPS info to SmartyCam (satellites status, date and time)</li><li>▪ Added Japanese language support</li></ul>

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Version	Date	Change/additions
<b>01.21.10</b>	May 30th 2016	<ul style="list-style-type: none"><li>■ Fixed minor issue in applying shiftlight configuration</li><li>■ Fixed display issue visible only in RPM_FACTOR X2</li><li>■ Fixed issue in GPS data time stamping that in some cases caused loss GPS data in RS2 Analysis</li><li>■ Other minor improvements and bugfixes</li></ul>
<b>01.21.07</b>	May 3rd 2016	<ul style="list-style-type: none"><li>■ Fixed bug on MyChron Expansion contactless sensors calibration that in some cases was very difficult</li><li>■ Fixed bug on temperatures visualization in custom pages</li><li>■ Changed name of MyChron Expansion generic 0-100% potentiometer sensor that caused incompatibility with mathematical channels functionality in Race Studio Analysis</li><li>■ Added translation in language for some menu voices</li><li>■ Improved Wi-Fi communication</li></ul>
<b>01.21.04</b>	Apr 21st 2016	<ul style="list-style-type: none"><li>■ Fixed bug in unit measure conversion for temperatures showed on the dash</li></ul>
<b>01.21.02</b>	Apr 20th 2016	<ul style="list-style-type: none"><li>■ Manages MyChron Expansion and Lambda controller</li><li>■ Wi-Fi now is only in AUTO or OFF Mode</li></ul>
<b>01.20.36</b>	Feb 26th 2016	<ul style="list-style-type: none"><li>■ Introduced custom tracks deletion</li><li>■ Improved Lap Time management</li></ul>
<b>01.20.30</b>	Feb 21st 2016	<ul style="list-style-type: none"><li>■ Fixed bug on water temp threshold alarm (in F degrees)</li></ul>
<b>01.20.28</b>	Feb 16th 2016	<ul style="list-style-type: none"><li>■ Fixed bug menu selection track when there are device tracks created</li></ul>
<b>01.20.27</b>	Feb 11th 2016	<ul style="list-style-type: none"><li>■ Added automatic track detection (for closed tracks), creating new device-generated tracks</li><li>■ Fixed Time Zone +12 that was missed in menu</li></ul>
<b>01.20.04</b>	Jan 29th 2016	<ul style="list-style-type: none"><li>■ Fixed bug GPS speed not shown by SmartyCam</li><li>■ Battery: improved status display</li><li>■ RPM: support for factor /3</li></ul>



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<b>01.20.03</b>	Jan 22nd 2016	<ul style="list-style-type: none"><li>▪ Danish language support</li><li>▪ Fix german language strings</li><li>▪ Fix random resets that could be generated when displaying popup (like low battery warnings)</li></ul>
<b>01.20.01</b>	Jan 8th 2016	<ul style="list-style-type: none"><li>▪ Fixed "Usr 1" odometer menu issues</li><li>▪ Fixed internal battery value</li></ul>
<b>01.20.00</b>	Dec 23rd 2015	<ul style="list-style-type: none"><li>▪ Added RPM factor in RPM setup</li></ul>
<b>01.19.27</b>	Dec 21st 2015	<ul style="list-style-type: none"><li>▪ Dutch language support</li></ul>
<b>01.19.26</b>	Dec 16th 2015	<ul style="list-style-type: none"><li>▪ First production version of MyChron5 (supporting GPS Manager3 tracks format)</li></ul>