

CUSTOMER DOCUMENTATION	February 25th 2011	FIRMWARE	Release History EVO4
Firmware Release history: EVO4 – Lambda – TCHub/Ch. Exp. – Formula St. – MYC3-Dash			

February 25th 2011

Firmup_EVO4_110225.exe

EVO4

43.03.10

- Fixed bugs on internal accelerometer management
- Fixed bug on visualization on dash of measure with one decimal point and varying between 99 to 100

November 2nd 2010

Firmup_EVO4_110225.exe

EVO4	43.03.08	<ul style="list-style-type: none">▪ Added reception of the track fixed from SmartyCam▪ Added Predictive LapTime calculation▪ Added management of Odometer and 4 Time Counters▪ Fixed bug on green LED working: now it blinks faster (@3Hz) if the CAN net configuration is bad▪ Fixed bug on PC online management: in some cases the size of memory percentage was wrong
-------------	----------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Lambda	25.11	No changes since last release
---------------	-------	-------------------------------

TCHub/Ch. Exp.	40.12	No changes since last release
-----------------------	-------	-------------------------------

Formula St.	38.12	<ul style="list-style-type: none">▪ Added Predictive and Running LapTime▪ Added in Menu Clear Data management▪ Added in Menu resettable Odometer and 4 Time Counters synchronized with the EVO4
--------------------	-------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

MC3 Dash	15.21	<ul style="list-style-type: none">▪ Added Predictive and Running LapTime▪ Added in Menu Clear Data management▪ Added in Menu resettable Odometer and Time Counter synchronized with the EVO4
-----------------	-------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

TG Dash	21.11	<ul style="list-style-type: none">▪ Added Predictive LapTime▪ Added in Menu Clear Data management
----------------	-------	--------------------------------------------------------------------------------------------------------------------------

August 31st 2010

Firmup_EVO4_100831.exe

EVO4	43.03.06	▪ Fixed bug that caused EVO4 block with MemoryKey connected

Lambda	25.11	No changes since last release

TCHub/Ch. Exp.	40.12	No changes since last release

Formula St.	38.11	No changes since last release

MC3 Dash	15.19	No changes since last release

TG Dash	21.10	No changes since last release

July 27th 2010

Firmup_EVO4_100727.exe

EVO4	43.03.04	<ul style="list-style-type: none">▪ Fixed bugs that sometimes caused samples data memorization in the configuration zone▪ Added management of the digital channels of Channel Expansion▪ Added management of GPS devices connected erroneously
Lambda	25.11	No changes since last release
TCHub/Ch. Exp.	40.12	<ul style="list-style-type: none">▪ Added management of the digital channels as speed
Formula St.	38.11	No changes since last release
MC3 Dash	15.19	No changes since last release
TG Dash	21.10	No changes since last release

July 8th 2010

Firmup_EVO4_SMARTY_100708.exe

EVO4	43.03.02	<ul style="list-style-type: none">▪ Fixed bugs that sometimes caused download crashes▪ Fixed bugs that sometimes caused duplicated data▪ Modified LapTimer Calculation (introduced LL Management)▪ Added GPS Satellites info to SmartyCam
-------------	----------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Lambda	25.11	No changes since last release
---------------	-------	-------------------------------

TCHub/Ch. Exp.	40.09	No changes since last release
-----------------------	-------	-------------------------------

Formula St.	38.11	No changes since last release
--------------------	-------	-------------------------------

MC3 Dash	15.19	No changes since last release
-----------------	-------	-------------------------------

TG Dash	21.10	No changes since last release
----------------	-------	-------------------------------

June 24th 2010

Firmup_EVO4_SMARTY_100624.exe

EVO4	43.02.20	<ul style="list-style-type: none">▪ Fixed bug for best lap signalling on MyChron3 Dash
-------------	----------	------------------------------------------------------------------------------------------------------

Lambda	25.11	No changes since last release
---------------	-------	-------------------------------

TCHub/Ch. Exp.	40.09	No changes since last release
-----------------------	-------	-------------------------------

Formula St.	38.11	No changes since last release
--------------------	-------	-------------------------------

MC3 Dash	15.19	No changes since last release
-----------------	-------	-------------------------------

TG Dash	21.10	No changes since last release
----------------	-------	-------------------------------

April 19th 2010

Firmup_EVO4_SMARTY_100419.exe

EVO4	43.02.19	▪ Improved connection to display (Formula steering wheel, M3 Dash, TG Dash)
Lambda	25.11	No changes since last release
TCHub/Ch. Exp.	40.09	▪ Improved thermocouples management
Formula St.	38.11	No changes since last release
MC3 Dash	15.19	▪ Fixed bug for erraneous key manipulation
TG Dash	21.10	No changes since last release

November 23th 2009

Firmup_EVO4_430217_091123.exe

EVO4	43.02.17	▪ Improved transmission of configuration versus MemoryKey
Lambda	25.11	No changes since last release
TCHub/Ch. Exp.	40.08	No changes since last release
Formula St.	38.11	No changes since last release
MC3 Dash	15.18	No changes since last release
TG Dash	21.10	No changes since last release

July 24th 2009

Firmup_EVO4_SMARTY_090724.exe

EVO4 43.02.16 ▪ **Improved CAN management**

Lambda 25.11 No changes since last release

TCHub/Ch. Exp. 40.08 No changes since last release

Formula St. 38.11 No changes since last release

MC3 Dash 15.18 No changes since last release

TG Dash 21.10 No changes since last release

June 30th 2009

Firmup_EVO4_430215_090630.exe

EVO4 43.02.15 ▪ **Improved GPS Lap Timing**

Lambda 25.11 No changes since last release

TCHub/Ch. Exp. 40.08 No changes since last release

Formula St. 38.11 ▪ **Added Gear calculated Restart**

MC3 Dash 15.18 ▪ **Added Gear calculated Restart**

TG Dash 21.10 No changes since last release

June 10th 2009

Firmup_EVO4_SMARTY_090610.exe

EVO4 43.02.14

- Improved samples memorization against hardware noises
- Added Gear calculation
- Added SmartyCam management

SmartyCam 47.04.09 First release

Lambda 25.11 No changes since last release

TCHub/Ch. Exp. 40.08 No changes since last release

Formula St. 38.10

- Added Gear calculated visualization

MC3 Dash 15.17

- Added Gear calculated visualization

TG Dash 21.10 No changes since last release