



MXL Dash

USER GUIDE



Made in Italy



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MXL Dash Digital Display

- 04 GETTING STARTED
- 08 INSTALLATION AND CONNECTION
 - MXL DASH
- 12 CONFIGURATION OF MXL DASH
- 14 BUTTONS AND FIELDS
- 18 DATA SHEET



Thanks.

We would like to thank you for having chosen our MXL Dash, which we believe be the successful completion of the acquisition EVO4 data.

It will be useful in checking all possible parameters of your sport vehicle, on tracks where you will race, and will give you valuable information about lap times, predictive lap time, about satellites status in the EVO4 GPS receiver.

Please, don't forget to periodically check www.aim-sportline.com you will find, as always, continuous updates firmware of your system and software for data analysis.



MXL Dash kit includes.

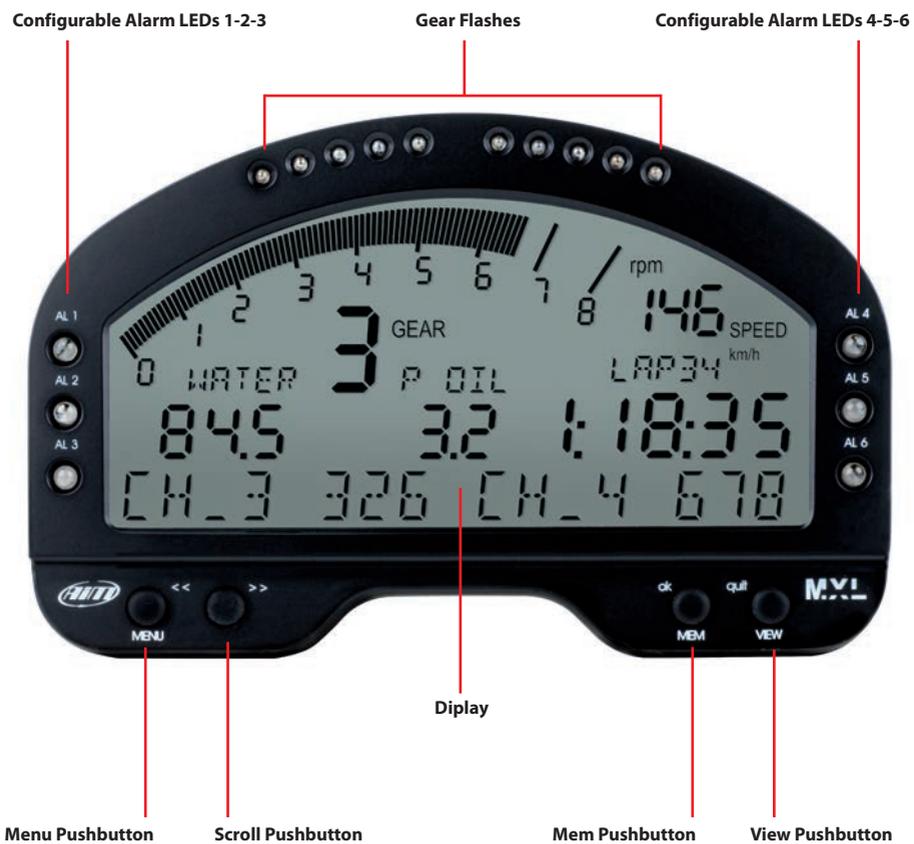
MXL Dash Digital Display



CAN Cable



MXL Dash



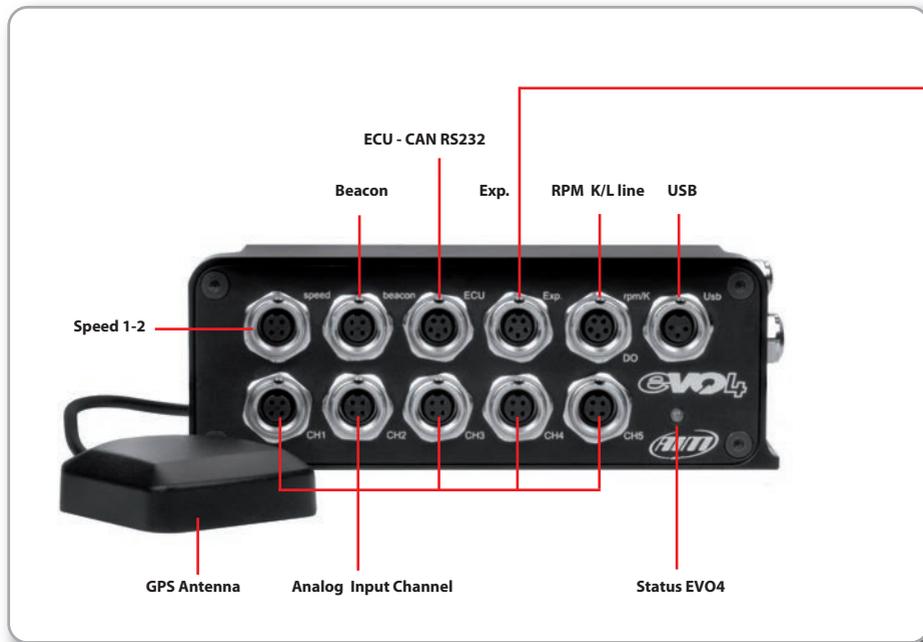
How To install and connect MXL Dash to EVO4.

1

MXL Dash has to be connected via CAN bus to your EVO4, whose firmware version should be **43.03.17** or following.

2

Connection is via CAN cable, that you find in the kit: just plug the connector into the **"EXP"** EVO4 port.



3

Please, check the firmware version of your EVO4: connect it to PC via USB cable, run the program **AiM RaceStudio2** and press **“Device Info”** pushbutton. (1)

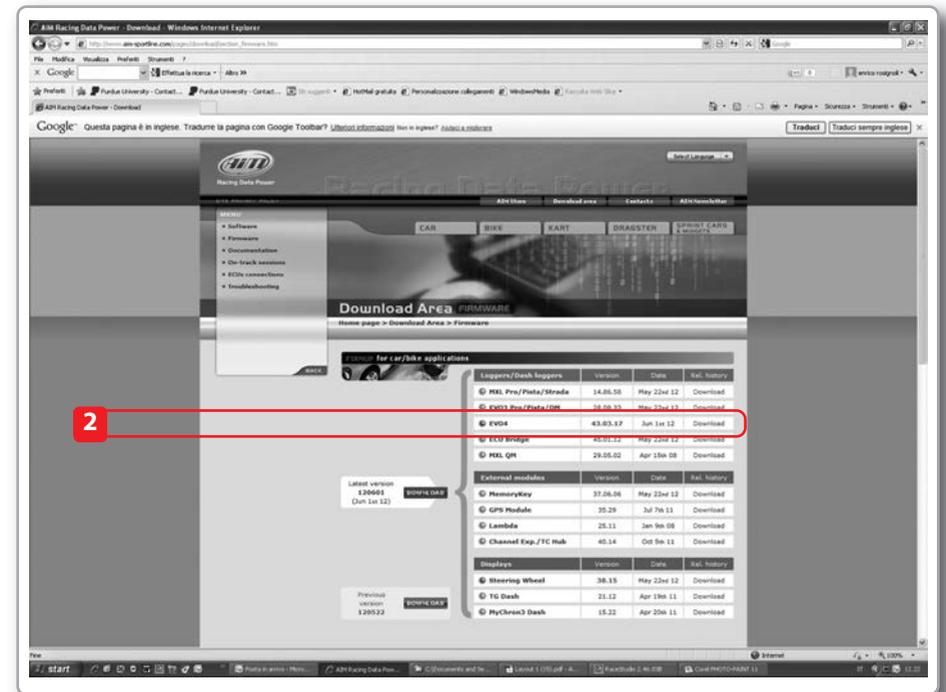


4

If the firmware is not adequate:

Enter into www.aim-sportline.com
 Enter into **“Download Area Section”**
 Select **“Firmware”**
 Download EVO4 Firmup to your PC. (2)

Finally, run it and at the end of operations, check that everything is correct.



How to configure MXL Dash.

1

MXL Dash receives its configuration parameters from EVO4. So, you are supposed to configure EVO4 in order to make MXL Dash properly working. Select, therefore, in EVO4 configuration, MXL Dash as a display.

2

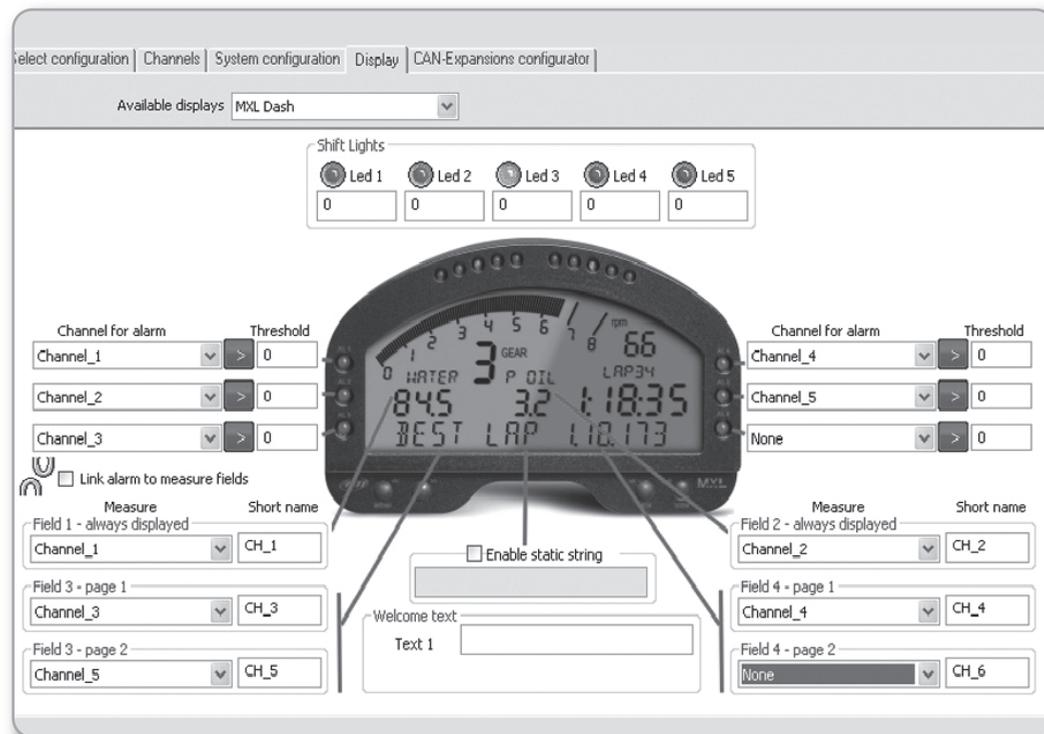
You will see the MXL Dash image appearing, and you have to define:
The RPM thresholds to activate the Flash Gear LEDs.
The channels displayed in the two pages of the dash.

3

By pressing "Transmit" pushbutton all configuration parameters are sent to EVO4 MXL Dash.

The related short names to be displayed. The channels associated with the alarm Leds, as well as the threshold values to which turn on the Leds themselves.

Any message that may appear at power on.



Note: The RPM scale is configurable: the end of scale depends upon the EVO4 configuration.

Buttons and fields in MXL Dash.

When you turn MXL Dash on, the bottom row shows a message about the status of the satellites:

Using the “MENU” key you enter into the local configuration menu, it is possible:



■ Night Vision On/Off

Turn the back light On/Off.



■ Set Time: 24H / 12H

Determine whether the current time is shown in European format (00:24) and American (12:12 am 0:12 pm) Press “OK” to change the time format.



■ Set GPS Marker

Set the finish line point for the EVO4 GPS. Press “OK” to set the actual point as finish line.



■ Total Running

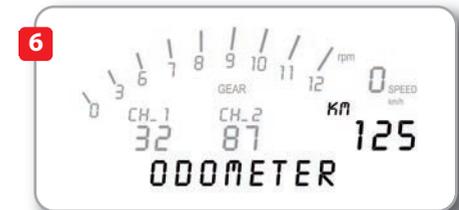
Show and clear the internal timer that is automatically incremented when the engine is turned on.

Press “OK” to reset the counter.



■ Odometer

Resettable odometer press “OK” to reset the odometer.



■ SN 12234 FW 52.02.01

The last page shows information about your MXL Dash: **Serial Number** and **Firmware** version of system.

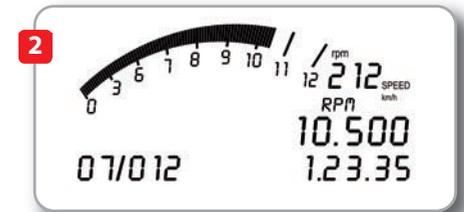
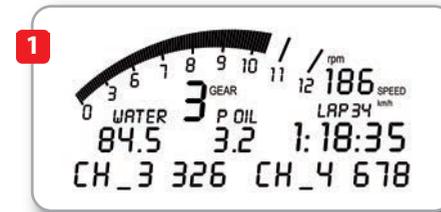


The View and Mem Buttons.



Mem Pushbutton

View Pushbutton



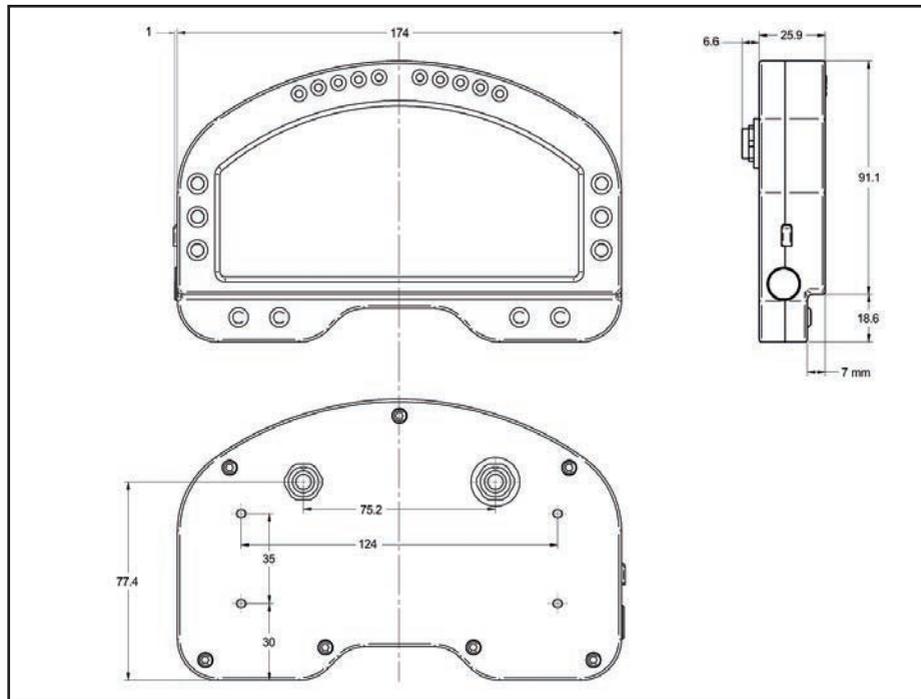
The “VIEW” button let you change the data shown on the display, you can select:

- RPM
- Speed
- Battery Level
- Time and date
- Odometer
- Actual rolling lap time
- Predictive lap time
- Previous lap time

The “MEM” pushbutton is used, after the test, to see the most important data:

- Lap number
- Lap time
- Maximum RPM and speed

MXL Dash



- Aluminum body
- Grey back light
- 6 alarm LEDs
- 10 configurable gear flashes
- Dimensions: 179 x 91 x 26 mm
- Weight: 500g

- 4 Pins female connector
(external view)



- 1 VIEW
- 2 GND
- 3 >>
- 4 MENU<<

- 5 Pins female connector
(external view)



- 1 CAN +
- 2 GND
- 3 +VB
- 4 CAN -
- 5 NC



Our web site aim-sportline.com is constantly updated.

We try to share with you our experiences about our products and how to use them in the tracks all over the world.

Please, constantly check it and download the last versions of the firmware of your products.

