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SX-DASH LAPTIME OPTION

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1

1.

PRESENTATION.....

2

1.1

THEORY OF OPERATION

2

1.2

LAP TIME DISPLAY

2

2.

SETUP

3

2.1

LAP TIME PARAMETERS.....

3



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1. PRESENTATION

1.1 Theory of operation

The dashboard uses the magnetic strips into the track to compute split times and lap time.

The best lap time is recorded and every split time is compared to the best lap corresponding split.

When a magnetic strip is accidentally not detected, the driver can reset the current lap time count, just after the start line, pushing the left button. The current split becomes the first split.

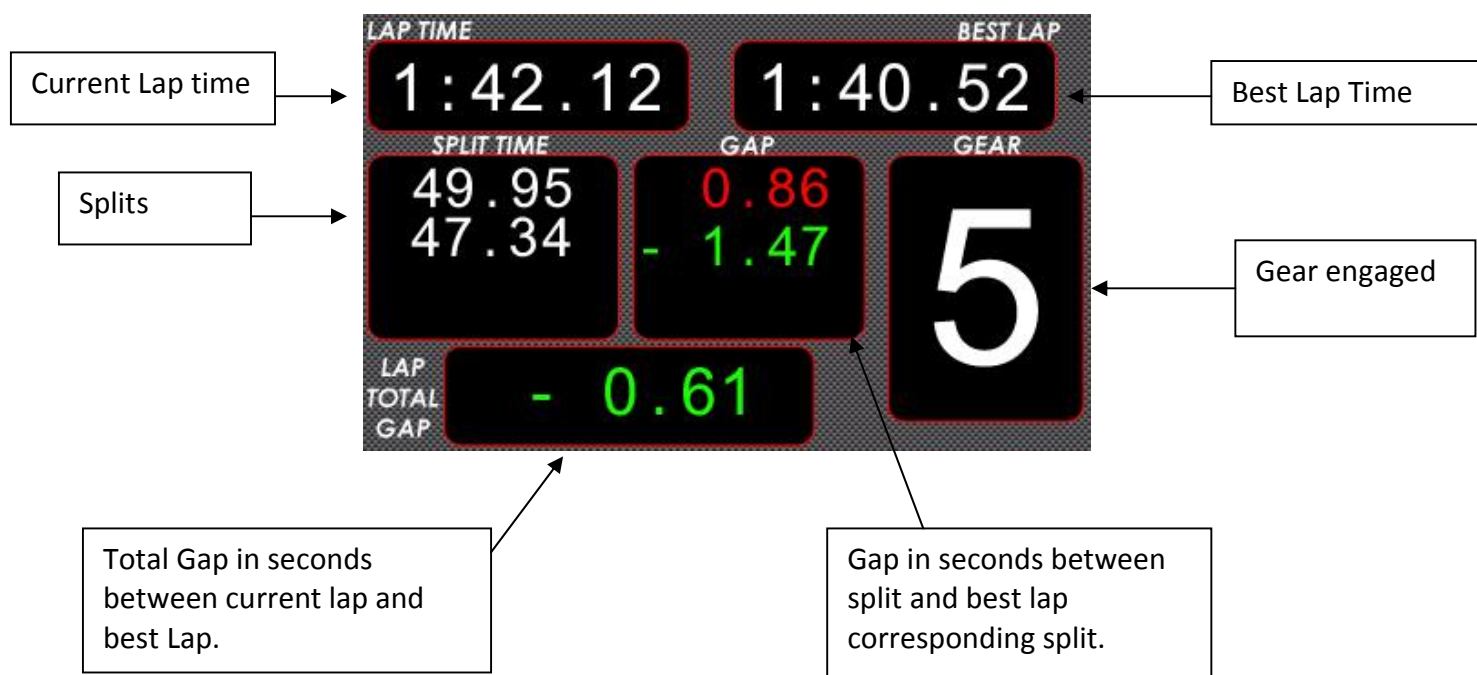
The number of magnetic strips around the track has to be entered to allow the system to work properly.

The last lap, current lap, and best lap are stored in the dash memory, and are reset when the dash is turned off.

1.2 Lap time Display

Lap times (Current, Best, Splits) are displayed in white.

Gaps are displayed in green when negative (on his current lap, the driver is ahead of his best lap time or split), red otherwise.





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2. SETUP

2.1 Lap time parameters

This screen is accessed by pushing the two buttons while the welcome screen is displayed.



Push the right button to move from a value to another (the value turns green), and the left button to change the value.

Push the two buttons to save changes and start the dashboard.

Nb of Splits: Number of beacon on the track. 1 means a regular lap time (1 start line beacon), 2 means 2 splits (1 start line beacon, 1 partial beacon), and so on.

Min Split Time: the minimum time for a split to be accepted (increments by 5 sec).

Display Time: the time for which the last split time indicators are shown.