

Steering Wheel Display



(ST8600/ST8600M)

The ST8600 Steering Wheel Display System replaces all dashboard instruments - tachometer, speedometer, gear number, pressure and temperature gauges, voltmeter and lap timing. The design uses the latest LED technology and is specially designed for vehicles such as Formula cars where a conventional dash system cannot be easily fitted. Fully compatible with Stack Data Acquisition Systems.

Standard features include:

- Alarms and Peak Value Recall on all engine parameters.
- Gear display from gearbox sensor or automatic calculation from speed/RPM.
- High accuracy solid-state pressure and temperature sensors.
- Fully configurable without a PC.
- High intensity LED's ensure easy readability.
- Military specification connectors.
- Supplied complete with control module, all sensors and harnesses.
- Fully compatible with the range of Stack Data Acquisition systems.



SATELLITE DISPLAY SYSTEM

Where space allows, the Steering Wheel Display System is now available as a Satellite display system for dash fitting. (ST8610/ST8610M)

COLOUR LED READOUTS ENHANCE READING 'AT A GLANCE'



Separate red and green LED readouts enable the driver to instantly identify specific information of interest.

9 STAGE SEQUENTIAL SHIFT LIGHT/TACHOMETER



The 9 sequentially illuminated ultra-bright shift lights provide a precise indication of engine RPM, and rate of change of RPM, enabling the driver to perfectly anticipate gear shift points.

Model	Speed (ST670)	RPM	Oil Pressure	Fuel Pressure	Water Temp.	Oil Temp.	Gear No.	Lap Time	Lap No.	Lap Timing (ST546)	Performance Meter	Predict. Lap Readout
ST8600	OPTION	✓	✓	✓	✓	✓	✓ [1]	✓ [2]	✓ [2]	OPTION	OPTION	
ST8600M	✓	✓	✓	✓	✓	✓	✓ [1]	✓	✓	✓	✓	✓
ST8610	OPTION	✓	✓	✓	✓	✓	✓ [1]	✓ [2]	✓ [2]	OPTION	OPTION	
ST8610M	✓	✓	✓	✓	✓	✓	✓ [1]	✓	✓	✓	✓	✓

[1] Requires appropriate gear position sensor or ST670 Speed Sensor. [2] Requires manual (ST5097) or infra-red (ST546) lap timing kit. Standard steering wheel sizes - 270mm, 340mm

PERFORMANCE FEATURES FOR DASH DISPLAY SYSTEMS

(Standard on some models)



SPEED SENSOR

Simply plug this speed sensor into the wiring loom to enable speed to be displayed on the LCD readout. (ST670)

LAP TIME MEMORY



Available on the ST8100M and ST8100M-AR Systems only, this feature records every lap by session. Once back in the pits, the driver can review each lap time, starting at the fastest lap, on the LCD display.



LAP TIMING SYSTEM



The lap timing receiver simply plugs into the standard dash wiring harness. When the vehicle passes the track side beacon the lap time "pops up" in the graphic display with an accuracy of 1/100th of a second. At any time the driver can select the Lap Time Display layer to show the Last Lap Time, Best Lap Time and number of laps driven.

PERFORMANCE METER & PREDICTIVE LAP TIMING SYSTEM



- 1 Best Previous Lap Time:** Displays the fastest previous lap time. Enables the driver to experiment with different lines through corners, with immediate visual feedback
- 2 Running Lap Time:** Displays the time into the current lap. Enables the driver to optimise qualifying, by giving early prediction of a fast lap, or a lap off the pace, which should be aborted.
- 3 Predicted Lap Time:** Displays the current prediction of the next lap time. Shows potential lap time when the driver cannot get a clear flag to flag lap in.
- 4 Performance Meter :** Graphically displays the time difference between the current and best lap as an easy to read bar graph. Functions as an in-car coach, continually setting pace for the driver to beat, and displaying how much time is lost each time a mistake is made.