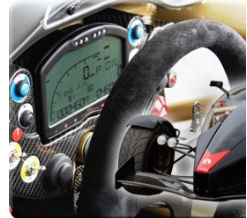




DASH2 Display Unit

the DASH2 is one of Race Technology's most sought after products whether the application is for competition or road vehicles. It is a clear market leader in price and performance. The DASH2's construction is of the highest quality with an aluminium frame and military spec connectors, so it is suitable for both open and closed top vehicles as well as motorcycles. Below are some of the main features of the DASH2

- Water resistant for open top or motorcycle applications
 - Compact and slim, easy to fit. Click here for a dimensioned drawing
 - Suitable for any engine installation with a fully configurable RPM scale
 - Optimise your gear changes with the configurable ultra bright shift lights
 - Road legal, everything required for an MOT or SVA testing including tamper proof odometer, backlit display and mandatory warning lights.
 - Lap and sector time display using a separate data logger
 - Easy integration with other Race Technology products
 - Stand alone operation. Connect up to 4 engine or gearbox sensors as well as RPM and wheel speed.
 - Display information directly from your ECU using our CAN or serial interface*
 - Monitor your engine and display high/low alarms for any parameter.
 - Gear position indicator. Calculated or using a gearbox sensor
 - User selectable units MPH/miles or KPH/km
 - Display the information you want to see with 5 user defined screens
 - Control the DASH2 and a data logger with the external button set (optional)
 - Easy to use configuration software, available free here
 - Package deals available
 - Fitting service available
- *ECU interface sold separately.



FAQ

How does the lap and sector timing work without a beacon?

Because the DASH2 uses the GPS data from the DL2/DL1/AX22 the system knows its position on the track. To mark the point as a lap or sector marker you simply press a button on the DL2/DL1/AX22. The DL2/DL1/AX22 then calculates the lap and sector times every time you subsequently pass that point on the track and transmits them to the dashboard for display.

Can I directly compare the lap sector times from the display and the analysis software?

Yes, the track markers can be imported and exported from the analysis software.

Does the dashboard work with the DL90?

No, there is no serial output from the DL90 for the DASH2 to use.

Can the DASH2 be used on its own?

Yes. As well as reading and displaying the serial output from a data logger or performance meter, the DASH2 is provided with direct inputs for engine speed, wheel speed, 4 analogue inputs, and a range of other signals such as oil pressure warning, brake warning, main beam warning, etc. In fact the DASH2 has inputs to display all the mandatory information required for road use.

Whats in the box?

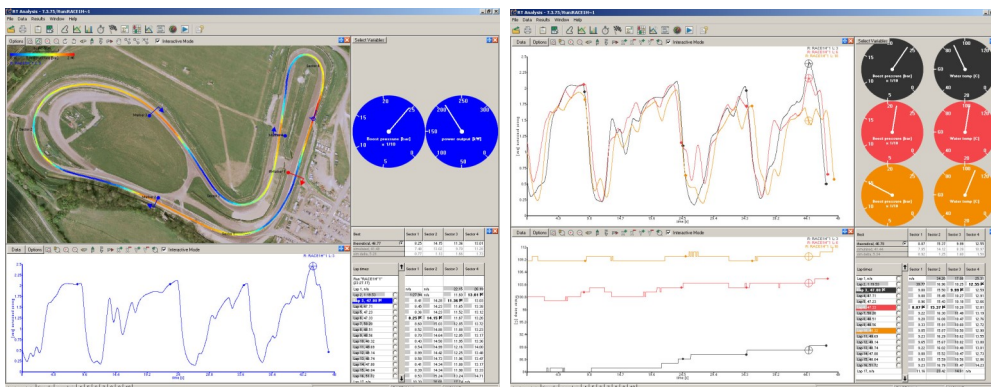
- DASH2 display unit
- Wiring loom with connectors to attach to DASH2, serial connector to attach to datalogger or PC and flying leads for power supply and other external connections
- 2m serial lead (extension)
- Race Technology Quick Start Guide
- Mounting template
- Custom carrying case

It is then simply a matter of connecting the DASH2 to your Race Technology data logger, performance meter or SPEEDBOX, connect the power supply and other external inputs and then you are ready to display and monitor a wide range of data in real time.



Please note: It is necessary to connect four external buttons to the DASH2 to operate the menu system and select different display screens. Buttons are not supplied with the DASH2 as standard because experience has shown that many customers wish to use their own buttons matching other equipment already installed in their vehicle.

Data display Example (When DASH2 is combined with Data Logger)



The picture on the left shows boost pressure on track, the map colour gradient displays the different boost pressures achieved depending on track position. The picture on the right shows boost pressure and water temperature for 3 different laps in a race. During the race a head gasket failed causing the engine to overheat.