

# DASH4ATI

## Decode and display CAN data



The DASH4ATI from Race Technology is a compact and highly configurable data display. The DASH4ATI can connect directly to CAN using DBC files to decode and display CAN variables. When connected to an ECU interface DASH4ATI can display all the decoded ECU parameters. A sealed, compact and tough aluminum housing makes it a perfect fit for test drive, test track, test cell and ring environments.

The LCD display is transfective and has the advantage of being visible in all lighting conditions. The transfective technology ensures it remains at a constant contrast ratio within all lighting conditions - from darkness and using the back-light to full direct sunlight.

### Features

- Easy to configure with their PC config tool
- Works with DBC files. Multiplex mode & J1939
- Setup five different screens
- Show number, text, bars, & graphs
- CAN send by button, to trigger other hardware or external applications
- Alarm function – warning LEDs
- Use together with supported CAN data loggers



## DASH4ATI Specifications

Performance	
Processor	32bit DSP running at 150MHz. Internal Flash for program and configuration storage.
Number of configurable data pages	5
Number of objects per data page	40
Number of maths channels	10
Display fonts	5 sizes, from 5 to 64 pixels high
Maximum number of input data channels	potentially >1000
Screen update rate	Variables can be set to update between 1Hz to 10Hz
Hardware	
Connections	Single 9-way d-type, for serial communications, power and direct CAN connection
Power supply	Requires 12 to 24 VDC at approximately 100mA
Display	White backlit LCD, resolution 128 x 64 pixels
Membrane keypad	Polyester textured membrane to limit reflections. 12mm diameter buttons.
Temperature range	Operation between 32°F to 122°F (0°C to 50°C), Storage from -4°F to 176°F (-20°C to 80°C)
LEDs	2 rows of 6 very high brightness 5mm LEDs. 20 degree viewing angle. 10 steps of brightness control.
Mechanical	
Case	Die-cast aluminum, black powder coated finish
Dimensions	124mm x 58mm x 14mm/4.88in x 2.28in x .55in
Unit fixing	4 x blind threaded holes for M4 screws, maximum depth 6mm/.24in

