

Steering Wheel with MoTeC D153 Integrated

Based on the OMP frame, it integrates the MoTeC display D153.

Buttons and rotary switches are connected directly to the D153 display to convert all data on CAN-BUS. The Radio button has an analog output.

The steering wheel is supplied with Krontec quick release including a coaxial Autosport connector and a paddle-shifters set designed by Aviorace. Carbon fiber paddles are provided in 2 sizes (small-large).

The Display Creator Software allows the customer to edit the display graphics (<https://www.motec.com.au/displaycreator/dccddownloads/>)



TECHNICAL SPECIFICATIONS:

◆ Voltage Supply:	6.5V to 32V (From D153 Specs)
◆ Operating Current:	380 mA (typical), full brightness
◆ Number of buttons:	8
◆ Number of rotary switches:	5 (12 positions each)
◆ Case material:	Carbon Fiber
◆ Frame material:	Aluminium spokes and suede leather handgrip
◆ Total weight:	1.7 Kg approx.
◆ Steering Wheel Diameter:	310 mm
◆ Display Area:	700x520 mm
◆ Connection:	Krontec quick release 8STA6-1235PN
◆ Pin Out:	15 RADIO 16 RADIO 19 CAN H 20 CAN L 21 GND 22 SUPPLY

Custom options:

- Functions Labels on steering wheel
- Rotary switches colors and active positions (from 2 to 12);
- Buttons colors – safety protections (example: Pit speed limiter)

CAN-BUS DATA OUTPUT (fixed, MoTeC protocol):

Type:	Compound
Base address:	0x0E9
Transmit rate:	50 Hz
Byte order:	Big Endian
Baud Rate:	1Mbits

Byte 0	Byte 1	Byte 2	Byte 3	Byte 4	Byte 5	Byte 6	Byte 7
0x00	Bat Volts D1	\	\	D1 Temp	D1 Input 1	D1 Input 2	D1 Input 3
0x01	D1 Input 4	D1 Input 5	D1 Input 6	D1 Input 7	D1 Input 8	D1 Input 9	D1 Input 10
0x02	\	\	\	D1 Fw version	D1 Fw version	\	D1 Sw1,2,3,4,5,6
0x03	\	\	\	D1 Up Time	D1 Up Time	D1 Up Time	D1 Up Time

Additional information available on request (assignment buttons/rotary to D153 channels)

