

DIMENSIONS IN mm [inches]



# AiM MXT 1.3

## 10 inches TFT Dash Logger

### Technical specifications

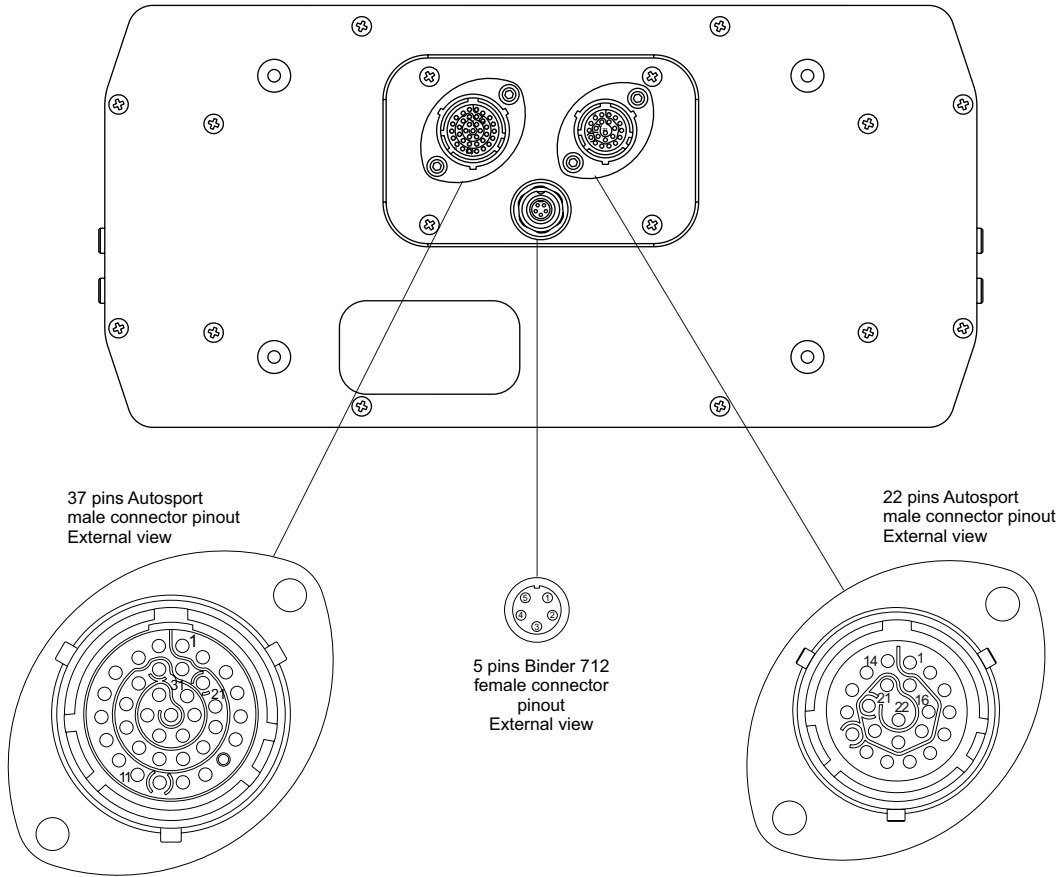
<b>Display</b>	10" TFT
<b>Resolution</b>	1280x480 pixels
<b>Contrast</b>	1,100:1
<b>Brightness</b>	800cd/m <sup>2</sup>
<b>Ambient light sensor</b>	Yes
<b>Alarm display icons</b>	Yes, freely configurable
<b>Alarm LEDs</b>	6 configurable RGB LEDs
<b>Shift Lights</b>	10 configurable RGB LEDs
<b>CAN connections</b>	3
<b>ECU connection</b>	CAN, RS232 or K-Line to 1,000+ industry leading ECUs
<b>External modules</b>	GPS Module, Channel Expansion, TC Hub (necessary to connect thermocouple sensors), Lambda Controller, SmartyCam 3
<b>Inertial platform</b>	Internal 3 axis $\pm 5G$ accelerometer + 3 axis gyro max 100 Hz
<b>Analog/digital inputs</b>	8 fully configurable, max 500 Hz each
<b>Digital inputs</b>	4 Speed inputs, lap signal, coil RPM input
<b>Digital outputs</b>	2 (1 A max each)
<b>Second CAN</b>	Yes
<b>Wi-Fi connection</b>	Yes
<b>Internal memory</b>	4 GB
<b>Body</b>	Anodized Aluminum
<b>Pushbuttons</b>	Metallic
<b>Connectors</b>	2 Autosport connectors + 1 Binder connector
<b>Dimensions</b>	278x135x43.2 mm
<b>Weight</b>	1,200 g
<b>Power consumption</b>	450 mA
<b>Waterproof</b>	IP67



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### Pinout



Pin	Autosport 37 pin	Pin	Autosport 37 pin
1	9-15V Power input	20	GND
2	Battery GND	21	+Vbattery
3	CAN+ Exp	22	Analog Input 1
4	GND	23	Analog GND
5	+Vbattery CAN	24	+Vbattery
6	CAN- Exp	25	+Vreference
7	+Vb Ext	26	Analog Input 2
8	CAN1+ ECU	27	Analog GND
9	CAN 1- ECU	28	+Vbattery
10	GND	29	+Vreference
11	K Line ECU	30	Analog Input 3
12	USB D+	31	Analog GND
13	USB D-	32	+Vbattery
14	GND	33	+Vreference
15	RPM	34	Analog Input 4
16	GND	35	Analog GND
17	+Vbattery	36	+Vbattery
18	Optical Lap	37	+Vreference
19	Speed1		

Pin	Binder
1	Video input 1
2	GND
3	+Vb output Camera
4	GND
5	Video input 2

Pin	Autosport 22 pin
1	Analog Input 5
2	Analog GND
3	+Vbattery
4	+Vreference
5	Analog Input 6
6	Analog Input 7
7	Analog GND
8	+Vbattery
9	+Vreference
10	Analog Input 8
11	Speed 2
12	GND
13	+Vbattery
14	Speed 3
15	Speed 4
16	GND
17	CAN2+ ECU
18	CAN2- ECU
19	Digital output 1
20	Digital output 2
21	ECU RS232 Rx
22	ECU RS232 Tx