



AiM MXsl

Dash controller

Technical specifications

Display	5" TFT
Resolution	800x480 pixels
Contrast	600:1
Brightness	700cd/m2 - 1,100 Lumen
Ambient light sensor	Yes
Alarm LEDs	6 RGB freely configurable
Shift Lights	10 integrated freely configurable RGB LEDs
CAN connections	3
ECU connections	CAN, RS232 or K-Line
ECU compatibility	+ 1,000 industry leading ECUs
Expansion CAN connection	GPS, Channel Expansions, Thermocouple Expansions, Lambda Controllers, SmartyCam
Inputs	8 fully configurable: analog, digital, pull up/down on/off - Max 1,000 Hz each
Speed input	1
RPM input	1
Digital outputs Low Side	2 (1 Amp max)
Digital outputs High Side	■ 10 protected (overcurrent, short circuit to gnd and to battery, overtemperature, open load detection, current fuse programmable) ■ Eight 5 A outputs, two 10 A outputs ■ Current sense ■ Output pwm capable (100 Hz to 400 Hz)
Body	Anodized Aluminum
Pushbuttons	Metallic
Connectors	2 AMP connectors
Dimensions	169.4x97x23 mm
Weight	480 g
Power consumption	400 mA without power output lines active
Waterproof	IP65

Part number

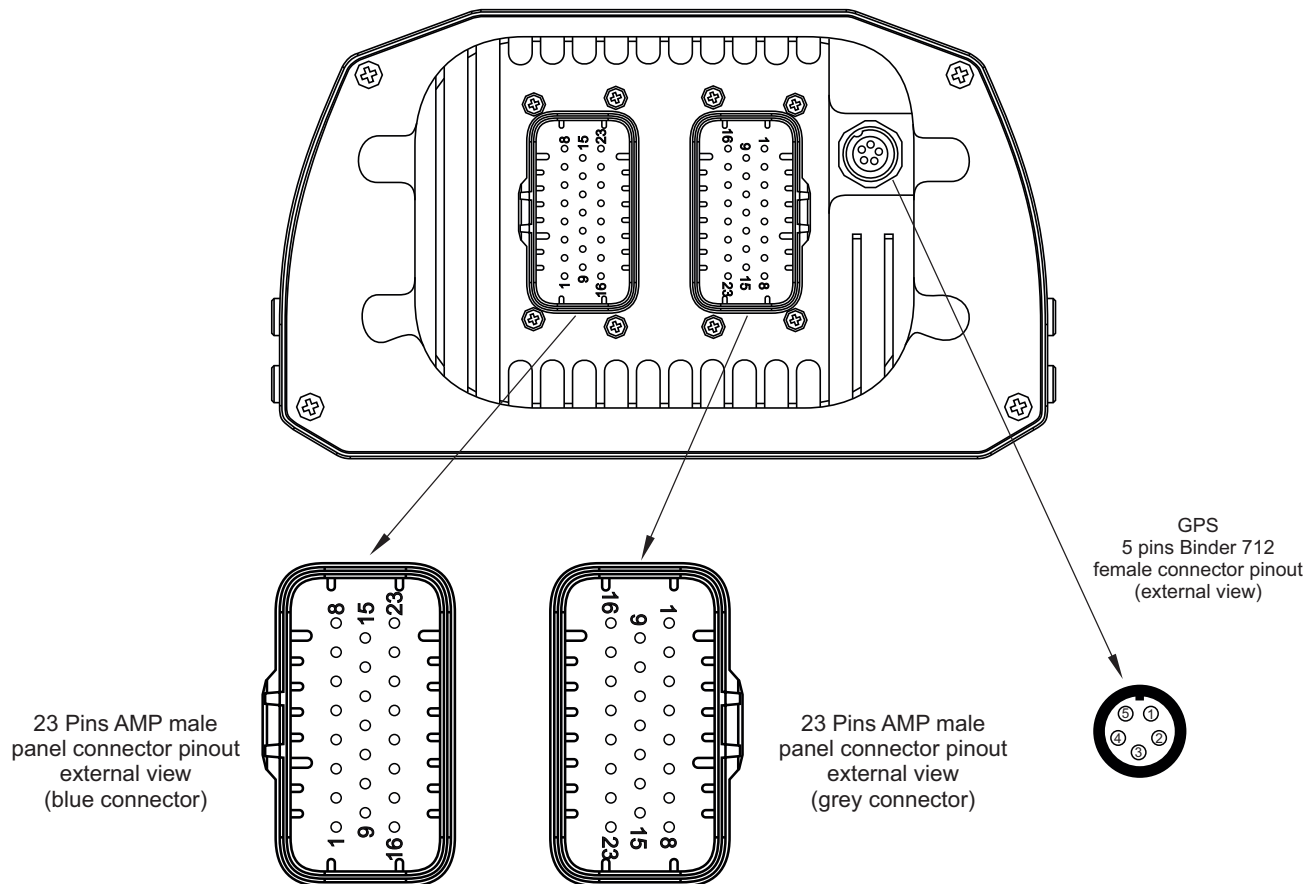
X21MXSLI0000	MXsl without wirings
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Pinout



Pin	AMP 23 pins connector (blue)
1	High side output 1
2	High side output 2
3	High side output 3
4	High side output 4
5	High side output 5
6	High side output 6
7	High side output 7
8	High side output 8
9	K Line ECU
10	Ground
11	CAN+ exp
12	CAN- exp
13	Ground USB
14	USB D+
15	USB D-
16	9-15 V Power input
17	9-15 V Power input
18	Battery ground
19	+Vb out CAN
20	+Vb ext CAN
21	CAN 1- ECU/RS232RX
22	CAN 1+ ECU/RS232TX
23	RPM

Pin	AMP 23 pins connector (blue)
1	Analog GND
2	Analog/digital input 2
3	Analog/digital input 5
4	Analog/digital input 8
5	Ignition
6	Low side output 1
7	Low side output 2
8	High side output 9
9	Vreference
10	Analog/digital input 3
11	Analog/digital input 6
12	Ground
13	LIN
14	Speed
15	High side output 10
16	Analog/digital input 1
17	Analog/digital input 4
18	Analog/digital input 7
19	CAN2+
20	CAN2-
21	+Vb output
22	9-15V Power input
23	9-15V Power input

Pin	Binder 712 - 5 pins connector
1	Video input 1
2	Ground
3	+Vb output Camera
4	Video input 2
5	Ground