



J1939 Digital Dashboard

MX-8a JDD

Host Mobility's high profile panel mounted SAE J1939 digital dashboard

The MX-8a JDD is a high profile instrument cluster displaying SAE J1939 engine information through digital renditions of classic gauges. Based on the Host Mobility MX-8 core platform the unit includes advanced power management functions as well as upgrade ability to GPS positioning and GSM/GPRS communication. The JDD feature a special casing that is suitable for panel mounting and is ideal for maritime applications. User interaction is handled through an integrated touch screen.

The software in the JDD can easily be customized to special behavior, other languages, new functions and features.

Digital readings

- Fuel rate
- Total fuel burned
- Engine hours
- Oil temperature
- Throttle position
- Engine speed

Instruments

- Tachometer
- Oil pressure
- Coolant temperature
- Transmission pressure
- Fuel pressure
- Intake manifold temperature
- Battery voltage
- Transmission temperature
- Fuel temperature
- Boost pressure

Settings

- Units (metric, English)
- Language (English, Italian)
- Backlight intensity
- Alarm configuration

Alarm rules

- Instruments generating alarms
- Alarm threshold
- Above or below threshold
- Alarm delay

Power requirements

- Input voltage 10-32 V DC
- Normal operation: ~420 mA @ 24 V
- Sleep mode: ~7 mA @ 24 V

Connectors

- Power, CAN, buzzer, on/off
- Expansion I/O
- Ethernet

Dimensions

- 24x16x0,5 cm (above panel)
- 19x12x5 cm (below panel)

Options

- Customer branding
- Additional languages
- Additional J1939 signals (SPNs)
- Application development environment
- GPS receiver
- GSM/GPRS modem