

MPC Command



ONE ARCHITECTURE, EVERY VOLTAGE

The XAP MPC embodies a new generation of multi-voltage embedded electrical architectures.

Designed to simultaneously manage 12 V, 24 V, and 48 V systems, it ensures **intelligent and secure** power distribution across control, auxiliary, and high-power functions.

With its central XAP controller and seamless CAN/LIN communication, the MPC guarantees **easy integration**, optimal performance, and full compatibility with the most demanding applications.

XAP electronic powerboxes integrates an **Event Data Recorder (EDR)**, acting as a black box to store critical parameters during abnormal events.

MPC is also equipped with an advanced **Rollover Protection System (ROPS)** ensuring occupant safety in case of overturning."A scalable, connected, and future-ready solution for next-generation electrified platforms.



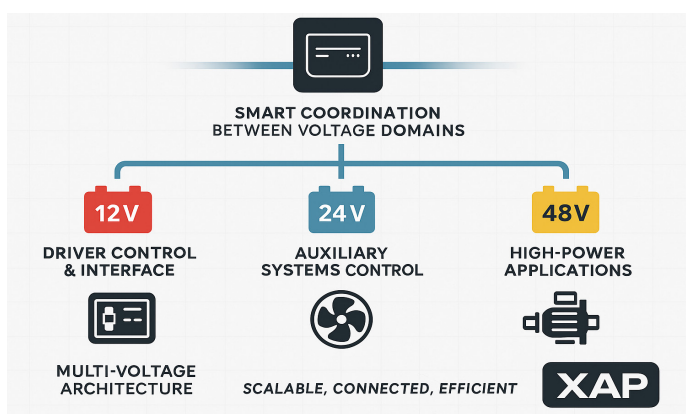
SCALABLE, CONNECTED, EFFICIENT

MULTIPLE ELECTRICAL NETWORK MANAGEMENT

12V to 75V

TECHNICAL SPECIFICATIONS

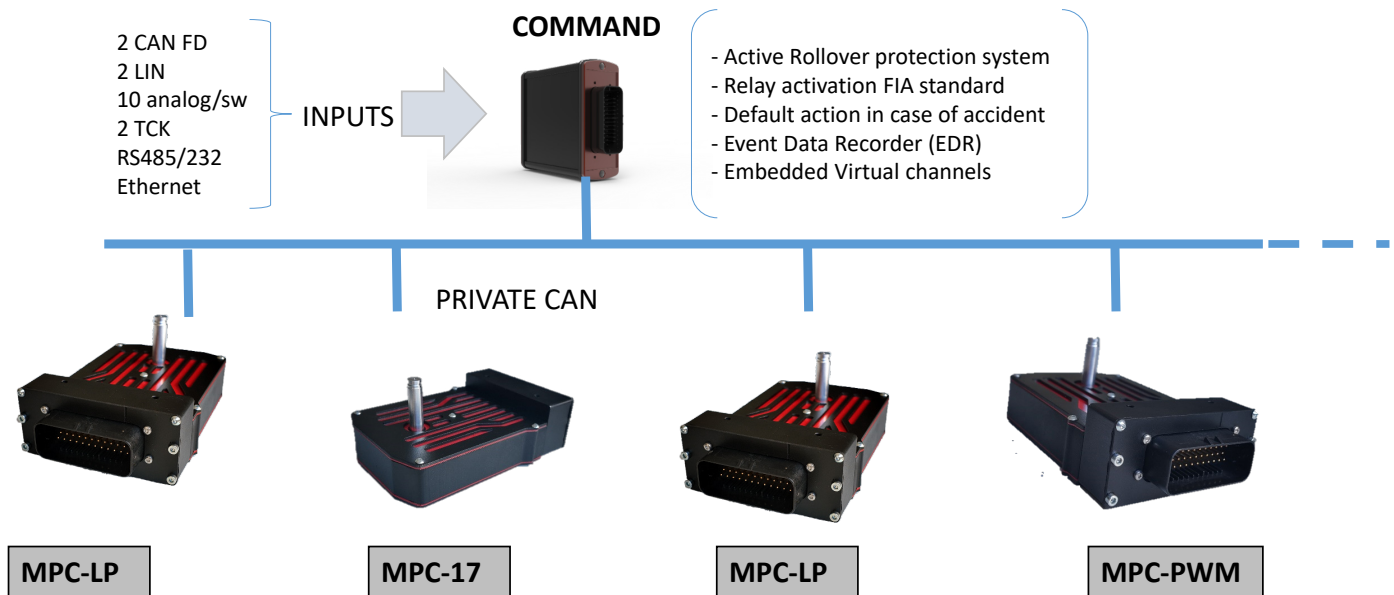
Power Supply logic	up to 75V
Inputs	
Analog / Digit 0-5V	up to 15
Temperature TCK	2
Relay command on/off	2
Output	
5V power supply	2 (1A)
Communication	
CAN	2
CAN private	1
LIN	2 if no extra digit
Ethernet	1 if no extra analog
Serial Com RS232/485	1 if no ethernet
Inertial platform	yes
XYZ accelerometer	up to 16G
Dimension CMD	129x108x42
Weight CMD	440g
Reference	PF0894



MORE INFORMATION ON WWW.XAP.FR



► ELECTRONIC DISTRIBUTION SYSTEM *MPC COMMAND*



Why choosing XAP ?

XAP designs, develops, and manufactures high-precision mechatronic systems for demanding environments: motorsport, e-mobility, aeronautics, marine, and advanced industries.

By combining electronics, mechanics, and embedded software, we deliver tailor-made solutions such as electronic boards, complex housings, and intelligent software. Our expertise spans electric vehicle conversion, advanced energy management, prototyping, and reverse engineering.

With our design office and manufacturing workshops integrated on a single site, we ensure optimal responsiveness from concept to final testing. Sustainability, artificial intelligence, eco-design, and advanced materials are at the core of our continuous innovation.

Your satisfaction, our driving force!



MORE INFORMATION ON
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