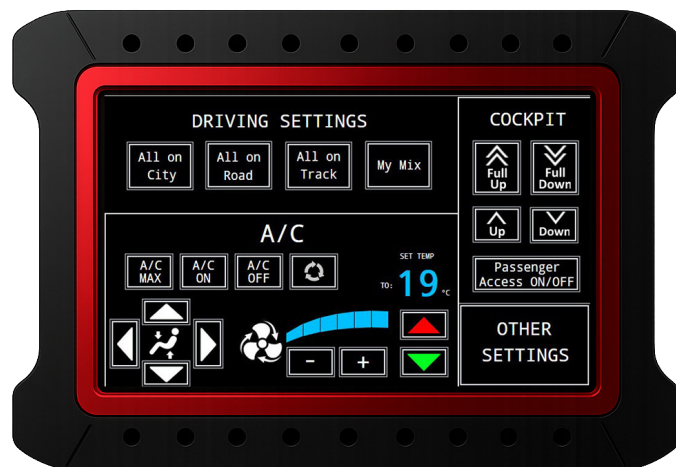


DASH - NT7



DASH NT7 – MULTITASKING DASHBOARD – FULL SUPERVISION AND CONTROL

The DASH NT7 is XAP's flagship display — a large-format, multitasking and interactive dashboard designed for complex test environments and advanced supervision systems. It integrates all of XAP's dashboard technology in a single unit capable of displaying, recording, and controlling multiple parameters simultaneously.

With its 7-inch high-definition touchscreen (optional), the NT7 allows operators to visualize dozens of channels in real time, plot live curves, and manage alarms or system modes directly from the screen. Its deep CAN integration, data logging, and optional 32-way connector make it a true command center for power benches, endurance campaigns, or dynamic testing.

Far beyond a passive display, the NT7 offers bidirectional communication with all connected modules (inverters, sensors, cooling systems) and can adjust parameters on the fly — for instance, changing speed targets, torque limits, or DC bus profiles directly via its interface.

A true concentrate of XAP's technology and know-how, the NT7 combines high performance, intuitive interaction, and industrial robustness.

YOU CAN EXPECT A HIGH-QUALITY PRODUCT WITH XAP TECHNOLOGY INSIDE!

WIDE SIZE BY XAP TECHNOLOGY !

A HIGH RESOLUTION DISPLAY:

Perfect readability in all environments. Light sensor included.

UP TO 16 FULLY CONFIGURABLE RGB LEDs:

Program your RPM Alert/Diag with our PC-software Dash Editor developed in-house

GPS FEATURE (OPTIONAL):

20Hz GPS integrated for Performance Analyser features.

MATHEMATICS CHANNELS INCLUDED:

Embedded maths channels and virtual channels.

FULLY DBC CAN READY:

Configurable for all ECUs and test systems.

WATERPROOF ALUMINUM HOUSING:

IP65, resistant to severe conditions (vibrations, shocks)

MODULAR CASING:

Also exists without casing for panel or rack integration.

EXTENDED CONNECTIVITY (OPTIONAL):

With 37-way connector extra: x1 additional CAN bus, x2 LIN, x1 RS485, Ethernet, Wifi, additional analog and digital inputs.

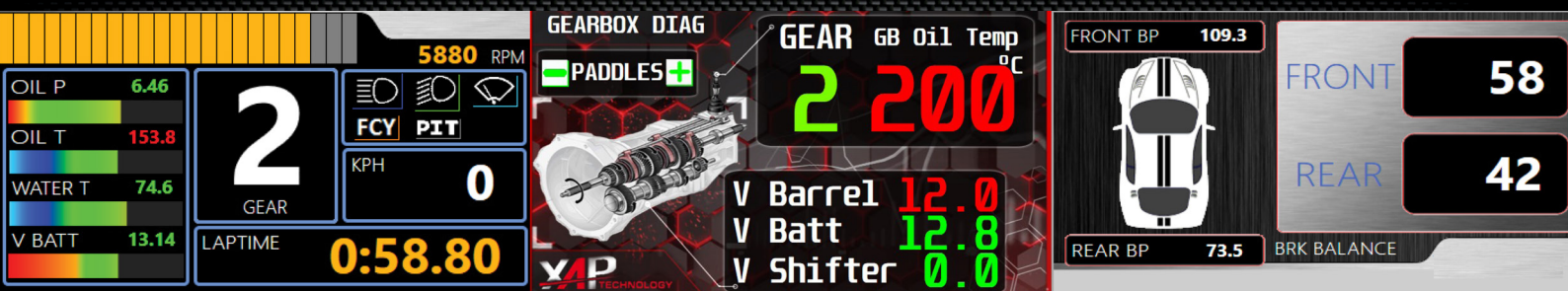
DIGITAL TOUCHSCREEN (OPTIONAL):

A dashboard with integrated switch panel.

ONE DEVICE WITH MULTIPLE APPLICATIONS:

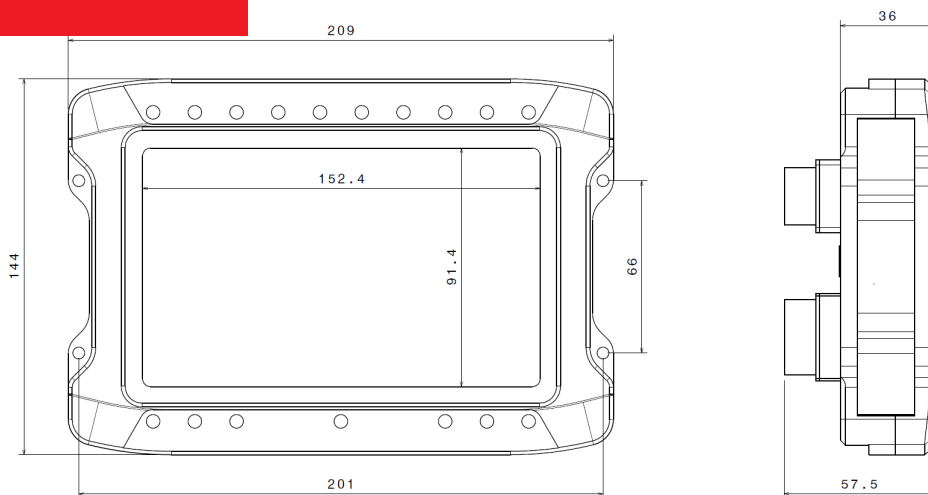
Motorsport, simulation, industrial monitoring system, engine and vehicle test benches, IoT and smart telemetry platforms.





► DASHBOARDS: **NT7**

DIMENSIONS



TECHNICAL SPECIFICATIONS

Power supply	8 - 70V 500 mA nominal voltage 1,8 A max voltage
Screen / resolution	7" TFT screen sunlight readable 800 x 480 px
Light sensor	Yes : day/night mode available
RPM Alert / Diag	16 RGB LEDs (programmable)
CAN communication	up to 2 CAN bus + 2 configurable via software
Communication protocol	USB
Analogic inputs	18 (can be used as a switch)
Digital inputs	4 (can be used as a frequency)
Compatibility	Fully DBC CAN ready – configurable for multiple ECUs
Compliance	EMC compliance - automotive standards

MECHANICAL SPECIFICATIONS

Dimensions	210 x 145 x 58 mm
Weight	420 g (without casing)
Waterproof	IP65
Temperature range	-20°C to 80°C
Resistance	Shock and vibration > 30 G RMS
Casing	Self-supporting casing

AVAILABLE OPTIONS

GPS & data sync	GPS 20 Hz: Enables performance analyser + tripmaster for Race or Rally
Data Logging	Data Logger 8 GB - CSV export
Connectivity	37 track connector : 2 LIN, 1 RS485, 32 analogic inputs, 12 digital inputs Ethernet, Wifi, Bluetooth
Race analysis	Performance Analyser (with GPS)
Race analysis	Odometer / Tripmaster
Connectivity	Start loom & Table loom
Configuration	Custom configuration, PC Tool
Sim Racing	Compatible with simulators

REFERENCES

PF0679	DASH NT7 STANDARD
PF0678	DASH NT7 WITH GPS & 37-WAY CONNECTOR
PF0691	DASH NT7 STANDARD - WITHOUT CASING
PF0692	DASH NT7 WITH GPS & 37-WAY CONNECTOR - WITHOUT CASING
PF0698	OPTION TOUCH SCREEN
PF0339	OPTION DATA LOGGING
PF0436	OPTION PERFORMANCE ANALYSER
PF0587	OPTION TRIPMASTER