DASH NT3

3-INCH INTELLIGENT CIRCULAR DASHBOARD – ADVANCED PROCESSING & CONNECTIVITY

The DASH NT3 is a mid-size circular dashboard combining compactness, computational power, and advanced communication interfaces. It is part of XAP's new round Dash series — a family of intelligent circular HMIs designed for distributed control and embedded processing in harsh environments

The NT3 acts as both a display and a computing node, capable of handling real-time calculations, mathematical channels, complex alarms, and event-based CAN logic directly within the dashboard. It supports CAN-FD, USB, and optional Ethernet, allowing seamless integration into automotive, industrial, marine, or defense systems.

The NT3 can be used as a standalone instrumentation module, or as a centralized interface within a vehicle or test system, providing real-time visualization, data exchange, and system-level decision-making.

Compact, rugged, and fully configurable via XAP's Dash Editor, the NT3 is a concentrate of XAP's technology and know-how — combining performance, design, and reliability.

SMART, COMPACT, CONNECTED

COMPACT 3" CIRCULAR FORMAT:
With high readability.

DUAL CAN-FD ARCHITECTURE:
Compatible with all ECUs and protocols.

EMBEDDED INTELLIGENCE:
Real-time computation and logic processing.

FULLY CONFIGURABLE:
With Dash Editor (screens, alarms, actions).

OPTIMISED FOR DIFFERENT USES
Compatible with all ECUs & XAP devices

UNIVERSAL INTEGRATION:
Automotive, marine, industrial, defense.

COMPATIBLE WITH SIMULATORS:
To train in real conditions.

ONE DEVICE WITH MULTIPLE APPLICATIONS:
Compact vehicle dashboards (motorcycle, off-road, endurance - or as a complementary dashboard), test benches and control systems, marine or aviation light instrumentation, defense and R&D prototypes.
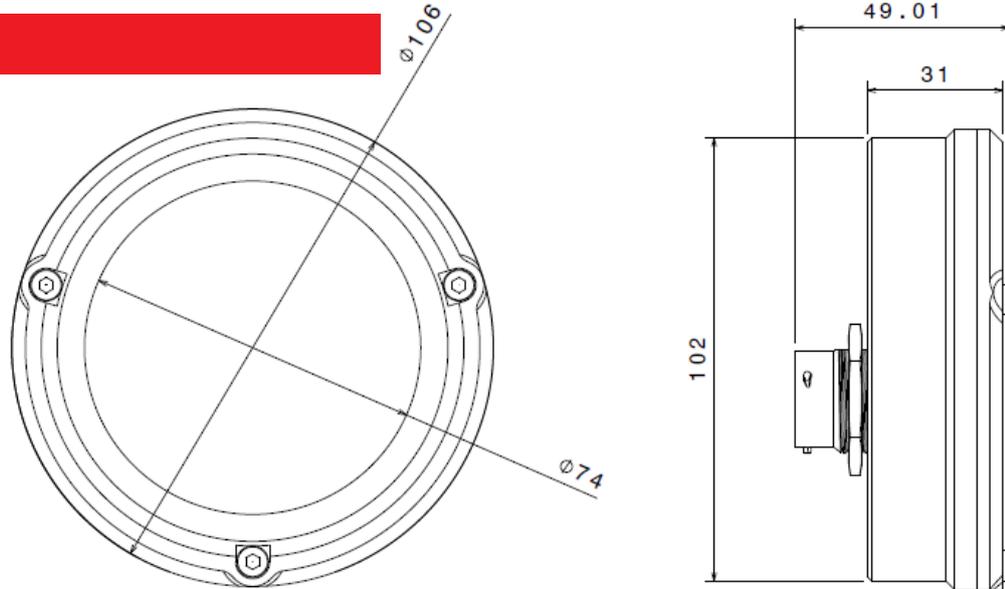
BALANCED DIMENSIONS FOR A HIGH-PROCESSING DEVICE.

► DASHBOARDS: **DASH NT3**

DIMENSIONS

TECHNICAL SPECIFICATIONS

Power supply	8 - 70 V
Screen	3" circular TFT – transflective – sunlight readable
Resolution	432 x 432 px
CAN communication	2 CAN bus + 2 programmable CAN resistors
Communication	USB
Inputs	4 analogic / 4 digital
Compatibility	Fully DBC CAN ready – configurable for multiple ECUs
Compliance	EMC compliance - automotive standards

AVAILABLE OPTIONS

GPS & data sync	GPS : Enables performance analyser (predictive time & time monitoring) + tripmaster for Race or Rally
Data Logging	Data Logger 8 GB - CSV export
Wireless connectivity	Bluetooth
Race analysis	Performance Analyser (with GPS)
Race analysis	Odometer / Tripmaster (with GPS)
Connectivity	Start loom & Table loom
Configuration	Custom configuration, PC Tool
Sim Racing	Compatible with simulators

MECHANICAL SPECIFICATIONS

Dimensions	Ø 106 x 49 mm
Weight	200 g typical
Waterproof	IP65
Temperature range	-20°C to 80°C
Resistance	Shock and vibration > 30 G RMS
Material	CNC-machined anodized aluminium
Casing	Self-supported

REFERENCES

PF0951	DASH NT3 STANDARD
PFXXXX	DASH NT3 WITH GPS
PF0339	OPTION DATA LOGGING
PF0436	OPTION PERFORMANCE ANALYSER
PF0587	OPTION TRIPMASTER

MORE INFORMATION ON
HTTPS://STORE.XAP.FR