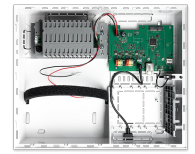


Control panel with LAN communicator

Code: JA-108K



The JA-108K is the most powerful control panel in the JABLOTRON 100+ system, designed for large-scale and high-security installations. As the first JABLOTRON control panel to support Grade 3 security (according to EN 50131), it is suitable not only for offices, schools and administrative buildings, but also for higher-risk premises such as server rooms, pharmaceutical storage facilities, galleries and jewellery stores.

Product description:



Grade 3 Certification for Demanding Requirements: The product is fully compatible with installations requiring Security Grade 3. It is suitable not only for standard commercial applications (offices) and institutions (schools, public authorities), but also for **higher-risk premises**, such as jewellers, pharmaceutical and weapons storage, archives, post offices, and more.

The control panel combines high system capacity, integrated LAN communication and support for remote management within the JABLOTRON ecosystem. At the same time, it retains the proven configuration logic of the F-Link software. The JA-108K can operate in both Grade 3 mode and Grade 2 or fully customised system profiles.

Key Features

- support for up to 230 peripherals and 15 sections,
- up to 600 users and 128 programmable PG outputs,
- integrated LAN communicator,
- support for MyJABLOTRON 2 and MyCOMPANY applications,
- power supply with continuous BUS output up to 2,000 mA,
- backup operation for up to 60 hours with an 18 Ah battery,
- configuration and servicing via USB-C,
- support for both Grade 2 and Grade 3 security profiles.

Designed for Demanding Installations

The JA-108K has been designed with a strong focus on **system resilience, communication supervision and sabotage protection**.

Compared to the JA-107K platform, it extends the system with functions required for Grade 3 operation, including stricter system readiness control, enhanced fault monitoring and additional security mechanisms intended for higher-risk premises.

Flexible Platform for Security and Automation

In addition to security functions, the control panel also serves as a hub for building technology management and operational automation. With support for remote access, the system can be managed from anywhere via the **JABLOTRON Cloud**.

Construction and Installation

The plastic enclosure provides space for expansion modules and a backup battery of up to 18 Ah. The integrated hardware platform is based on the proven JABLOTRON 100+ architecture, extended with dedicated functions for operation in higher security grades.

Technical information:

Primary security profile	Grade 3
Other operating profiles	Grade 2 and Default (JABLOTRON)
Standards	EN 50131-3, EN 50131-6, EN 50131-10, EN 50130-4, EN 55032, EN 62368-1, EN 50136-1, EN 50136-2
Environmental class	II – indoor general
Number of peripherals	up to 230, of which up to 120 wireless
Number of users	up to 600
Number of sections	up to 15
Number of PG outputs	up to 128, wirelessly PG 1-32
LAN communicator	integrated Ethernet 10/100BASE
GSM/LTE communication	via the optional JA-19xY module
ATS classification	SP5 with LAN or GSM, DP3 with LAN + GSM
ARC/CMS protocols	Jablo IP, ANSI SIA DC-09
Power supply	110-230 V AC, 50-60 Hz
BUS output	12.0-13.8 V DC, max. 2000 mA continuous
Short-term BUS current	max. 3000 mA for 60 min
Bus	BUS 1, BUS 2, BUS 3 / I-BUS
Bus length	up to 3 × 500 m

Battery	12 V / 18 Ah, lead-acid gel
Backup	up to 60 h depending on system load
Dimensions	357 × 297 × 105 mm
Operating temperature	−10 °C to +40 °C
Event memory	approx. 7 million events
