



JA-107K Control panel with LAN communicator

The JA-107K is an advanced version of the JABLOTRON 100+ security system. It is designed for large living spaces, offices and businesses. It can only be installed by a trained technician with a valid Jablotron Alarms certificate.

It also offers flexible protection solutions for residential complexes, administrative buildings and companies that require a multi-section system. The adjustments and sizing of the system are programmed through the F-Link software (from version 2.0.0).

The JA-107K control panel offers:

- ▶ 120 wireless and up to 230 bus devices
- ▶ 600 users
- ▶ 15 sections
- ▶ 128 programmable PG outputs
- ▶ 64 mutually independent calendar events
- ▶ 50 user SMS reports
- ▶ 15 user voice reports
- ▶ 5 ARCs can be set
- ▶ 5 selectable protocols for an ARC

The control panel has:

- ▶ 2 mutually independent terminal boards for bus connection
- ▶ 1 connector for a built-in radio module (JA-111R)/third terminal board - expanded using a JA-110Z-D
- ▶ 1 connector for a GSM/GPRS communicator (JA-192Y)

The control panel also offers functions such as:

- ▶ Maintenance
- ▶ Day/night mode
- ▶ Short departure response
- ▶ Automatic setting
- ▶ Advanced calendar features

Specifications

Power supply	110 - 230 V/50 - 60 Hz
Back-up battery	12 V, 7 to 18 Ah (not included in the product package!)
Maximum battery charging time	72 hours
Max. continuous consumption from the control panel	2000 mA permanently 3000 mA for a period of 60 min. (max. 2000 mA to one bus)
Max. continuous consumption for 12 hour back up	1135 mA without LAN 1107 mA with active LAN (with a 18 Ah battery)
Max. number of peripheral devices	230
LAN communicator	Ethernet interface, 10/100BASE-T
Dimensions	357 × 297 × 105 mm
Weight with B.Bat./without B.Bat.	7025 g/1820 g
Event history	approx. 7 million latest events, incl. date and time
Power supply	A (EN 50131-6)
Classification	Security level 2/environment class II (in accordance with EN 50131-1)
Operating temperature range	-10 to +40 °C
Average operating humidity	75 % RH, without condensation
Compliant with	EN 50131-1 ed. 2+A1+A2, EN 50131-3, EN 50131-5-3A1, EN 50131-6 ed. 2+A, EN 50136-1, EN 50136-2, EN 50581
Radio operating frequency (with the JA-11xR module)	868.1 MHz
Radio emissions	ETSI EN 300 220-1-2 (module R), ETSI EN 301 419-1, ETSI EN 301 511 (GSM)
EMC	EN 50130-4 ed.2+A1, EN 55032 ed.2, ETSI EN 301 489-7
Electric safety	EN 62368-1+A11
Operation conditions	VO-R/10, VO-R/1
Certification body	Trezor Test s.r.o. (no. 3025)
Caller's identification (CLIP)	ETSI EN 300 089