JABLOTRON
CREATING ALARMS

JA-101KR-LAN

Control panel with built-in GSM/GPRS and LAN communicators

The JA-101KR-LAN is the basic element of the JABLOTRON 100 security system. It enables flexible system setting and the easy protection of small commercial premises, houses, cottages, offices in a bus design, in a wireless or combined design.

The required adjustments and sizing of the system are carried out via F-Link software

The JA-101KR-LAN control panel offers:

- up to 50 wireless or bus zones
- up to 50 user codes
- up to 8 sections
- up to 16 programmable PG outputs
- 20 independent schedules
- SMS and voice reports from the system to up to 8 users
- Remote control via SMS, voice menu and the MyJablotron portal
- 4 adjustable ARCs
- 5 selectable ARC profiles

The control panel has built-in GSM/GPRS and LAN communicators that enable voice, SMS, GPRS and LAN communication with end users and ARCs. It is equipped with a 4 GB memory card for saving the data of events, voice messages, saving photos etc.

The control panel has:

- 1 terminal for bus connection
- 1 internal connector dedicated to the radio module (JA-110R)
- 1 LAN connector

- 1 USB connector for control panel setting and transferring photos

- 1 connector for connecting another communicator or module (e.g. PSTN)

Specifications

Central	
Power supply	230 V, 50 Hz
Power supply unit	A (EN 50131-6)
Back-up battery	12 V, up to 2.6 Ah
Maximum battery charging time	72 hours
Max. continuous bus load	400 mA
Max. short-term output current (5 min.)	1 A
Backup bus supply	2.6 Ah battery for 12 hours at 125 mA
Backup bus supply for the LAN version	2.6 Ah battery for 12 hours at a max. consumption of 85 mA
Event memory	700 MB, i.e. approx. 1 mil. events containing date and time
Alarm verification function by another detector or repeated response from the same detector with a selectable delay	10 s - 2 min
Security level	2 according to EN 50131-1, EN 50131-6 and EN 50131-5-3 and EN 50131-3
Environment according to EN 50131-1	II. General indoor -20°C to +40°C
Dimensions	258 × 214 × 77 mm
JA-110R operating frequency	bidirectional Jablotron protocol at 868 MHz