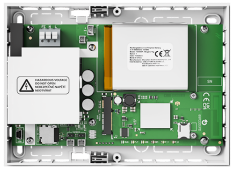
JABLOTRON Mercury Alarm system control panel with radio module and 4G communicator LITE



Code: JA-152KRY

Installation should be done by a trained technician with a valid certificate issued by an authorized JABLOTRON a.s. distributor. The required settings and system parameters are programmed via MyCOMPANY. The setup is intuitive and very simple even for novice installers.

Product description:

The JA-152K control panel offers:

- up to 31 wireless peripherals
- up to 32 users
- up to 4 sections
- up to 2 programmable PG outputs
- built-in acoustic indication (80 dB/m) of tamper, intrusion and fire alarm, which may be utilized as a wireless doorbell in combination with the JA-159J wireless doorbell button

Technical information:

Installation type	Fixed installation
Control panel power supply	~ 110 – 230 V/50 – 60 Hz, max. 0.28 A with F1.6 A/250 V fuse, security grade II
Electrical power / current	Max. 23 VA / 0.1 A
Protection class	II.
Back-up battery	3.7V, 5000 mAh, Li-Polymer
Low battery backup voltage (fault indication)	?3.5V
Maximum battery recharge time (80% capacity)	72 h
Maximum number of sections	4
Maximum number of devices	31 devices + 31 remote controllers
Maximum number of users	32
Max. number of PG outputs	2
Alarm connections	Wireless connection– unspecified wireless connection, Jablotron wireless protocol

Classification of Alarm device	Security Grade 2 / Environment Grade II
@ According to standards	EN50131-1, EN 50131-3, EN 50131-6, EN 50131-5-3, EN 50131-10, EN 50136-1, EN 50136-2
@ Environment	Indoor general
@ operational temperature range / humidity range	-10 °C to +40 °C / 75% RH without condensation
@ power supply	Type A – primary mains power supply with a powered back-up battery.
@ event memory capacity	approx. 7 million events, including sources and timestamps.
@ system reaction to loss of device communication	Fault or Tamper – Dependent on selected profile
@ wireless communication within	2h (from last communication)
@ Wireless communication within	20min blocks section setting
@ system reaction to incorrect code entry	Alarm after 10 wrong code entries, dependent on selected profile, the system will be locked for ten minutes.
@ ATS classification	Supported ATS classes: SP2 – SP5, SPT: type Z Operation type: Pass-Through GSM2201MD SP3 – SP5 (JABLO IP, ANSI SIA, DC-09)
@ ATS Alarm transmission protocols	JABLO IP
@ ATC security against substitution and protection of information	Jablotron protocols: proprietary AES encryption with a minimally 128 bit key ANSI SIA DC-09.2012 protocol with 128 bit AES encryption
Dimension	182 x 132 x 58 mm
Weight with battery / without battery	510 g/430 g
Based parameters of the JA 111R module	868.1 MHz, <25 mW, GFSK <80 kHz
Radio emissions	ETSI EN 300 220-1,2
EMC	EN 50130-4, EN 55032, ETSI EN 301 489-1, ETSI EN 301 489-3
Safety conformity	EN IEC 62368-1
Conditions of operation	ERC REC 70-03
Certification body	TREZOR TEST (no. 3025)