

JA-155E, JA-155E-GR, JA-155E-AN Wireless four-segment keypad with display and RFID reader type: 5KPAD2202LU

The keypad is a wireless component of the **JABLOTRON** system. It serves for the controlling and displaying system status indication. It is equipped with four segments; their descriptions are displayed on the LCD display. The keypad comprises of 4 segments (1), LCD display (2), keypad and RFID card/tag reader (4). If the user prefers permanent access, the hinged keyboard cover (5) can be removed. The device should be installed by a trained technician with a valid certificate issued by an authorized distributor.

Installation

1. On the underside of the keypad, turn the locking mechanism (9) anticlockwise 90° until the groove points to the symbol . Then use a screwdriver to release the tab (10) while sliding the keypad up. The keypad can then be easily removed from the mounting pad.
2. Remove the mounting pad (rear part) of the keypad.
3. Mount the rear part of the keypad to a flat wall using 4 screws. (To connect an external power supply or magnetic contact, use the terminals on the back of the keypad, see Figure 1. See the connection description in the paragraphs the Alternative Power Supply and Installation of a magnetic contact by scanning the QR code below.)
4. Insert 1.5V AA alkaline batteries into the battery holder (6), mind the correct polarity!
5. First attach the bottom edge of the keypad to the mounting pad (rear part) of housing (align the bottom sides). Then slide the keypad downwards, until you hear the click of the tab (10). This will secure the keypad against falling out of the installation pad. Then turn the locking mechanism (9) clockwise 90° to the position where the groove points to the  symbol. This locks the keypad in place and engages the tamper contact.

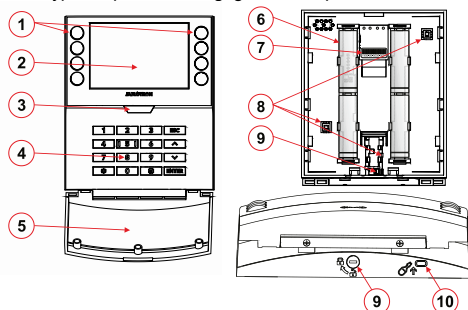


Figure 1: Description of the internal and external parts of the product

- 1 – control buttons
- 2 – LCD display
- 3 – system indicator / button
- 4 – keypad with RFID reader
- 5 – cover
- 6 – battery holder
- 7 – serial number
- 8 – tamper contacts
- 9 – locking mechanism
- 10 – tab

Enrolment to the system and settings

According to the type of control panel use recommended software or application - see control panel manual.

Technical specifications

Power supply..... 4 x alkaline batteries, type: AA (LR6) 1.5 V
Please note: Batteries are not included.

Typical lifetime of batteries..... 1–2 Years

LowBatt state..... <4.5 V

Quiescent current consumption (6 V)..... 245 µA

Maximum current consumption (6 V)..... 115 mA

Power supply type..... C

Type of control device..... B

External power supply 12 V +/-1 Vtyp. 45 mA, max. 100 mA

Maximum cable length..... 3 m

Communication band..... 868.1 MHz, JABLOTRON protocol

Maximum RF power (ERP)..... <25 mW

Communication range..... approx 200 m (open area)

RFID frequency..... 125 kHz

Maximum RFID magnetic field strength..... -5.4 dBµA/m
(measured at 10 m)

Dimensions..... 110 x 136 x 33 mm

Weight (w/o batteries)..... 285 g

Classification..... Security grade 2 / Environmental class II
(according to EN 50131-1)

Environment..... indoor general

Operating temperature range..... -10 °C to +40 °C

Average operating humidity..... 75% RH, w/o condensation

Certification body..... Trezor Test s.r.o. (no. 3025),
Kiwa Nederland b. v.

In compliance with..... ETSI EN 300 220-2, ETSI EN 300 330,
EN 62311, EN 50130-4, EN 55032, EN 62368-1,
T 031, EN IEC 63000, EN 50131-1, -3, -5-3, -6

Can be operated according to..... ERC REC 70-03

Recommended screw..... 4x  ø 3.5 x 40 mm
(half-round head)



JABLOTRON a.s. hereby declares that the 5KPAD2202LU is in a compliance with the relevant Union harmonisation legislation: Directives No: 2014/53/EU, 2014/35/EU, 2014/30/EU, 2011/65/EU. The original of the conformity assessment can be found at www.jablotron.com – Section Downloads.



Note: Disposing of this product correctly will help save valuable resources and prevent any potential negative effects on human health and the environment, which could otherwise arise from inappropriate waste handling. Please return the product to the dealer or contact your local authority for further details of your nearest designated collection point.

For the digital version of this document (which is also available in other languages) or a version for JA-100+ systems, please scan the QR code: <https://manuals.jablotron.com/ja-155e>.



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