

JA-153E, JA-153E-GR, JA-153E-AN, JA-153E-WH

Wireless access module with RFID and keypad

The access module is a component of the **JABLOTRON** system. The device should be installed by a trained technician with a valid certificate issued by an authorised distributor.

Installation

1. Press the four tabs (5) on the sides (see fig. 1) one by one and release the module from the plastic base.
2. If you are installing a label in the control segment, remove the transparent plastic cover by prying it from the side of the segment on both sides of the buttons.
3. Insert two 1.5 V alkaline AA batteries into the module.
4. Attach the base into the selected place.
5. Connect the segment supply to the internal connector of the module (7).
6. Insert the module into the base.
7. Proceed according to the control panel installation manual. There must be a JA-11xR radio module installed in the control panel with a reliable communication range to the access module. When batteries are inserted, the yellow LED (3) starts to light permanently which indicates that the module has not been enrolled to the system yet.

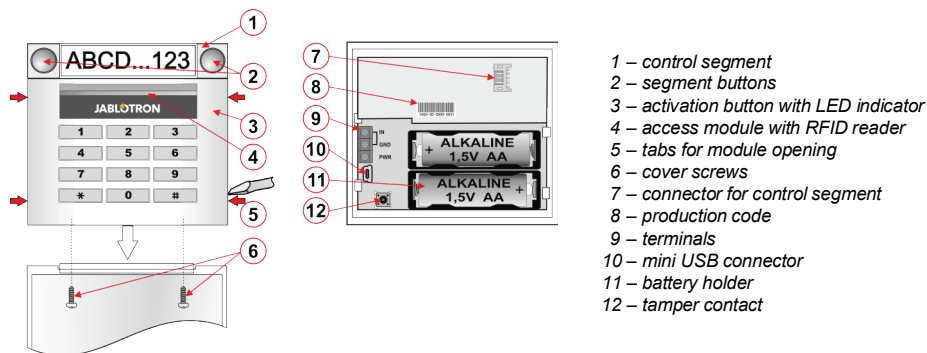


Fig. 1: Description of external and internal parts of the product

Enrolment to the system

Depending on the type of control panel, use the recommended software or application, see the manual of the control panel.

Technical specifications

Power supply	2x alkaline batteries, type: AA (LR6, 1.5 V / 2.45 Ah) / Please note: Batteries are not included.	Weight (without batteries)	160 g
Typical battery lifetime	1–2 Years	Classification	security grade 2 / environmental class II (EN 50131-1)
Low Battery Threshold	<2 V	Environment	indoor general
Quiescent current consumption	20 µA	Operating temperature range	-10 °C to +40 °C
Maximum current consumption	40 mA	Average operational humidity	75 % RH, non-condensation
Each additional control segment (only for JA-100+)	2.5 mA	Certification body	Trezor Test s.r.o. (no. 3025)
Communication range	868.1 MHz, JABLOTRON protocol	In compliance with ...	ETSI EN 300 220-1, -2, ETSI EN 300 330, EN 50130-4, EN 55032, EN 62368-1, EN IEC 63000, EN 50131-1, EN 50131-3, EN 50131-5-3, EN 50131-6
Maximum radio-frequency power (ERP)	15 mW	Operating conditions according to general authorization	ERC REC 70-03
RFID frequency	125 kHz	Recommended screw	4x  ø 3.5 x 40 mm (countersunk head)
Maximum RFID magnetic field strength	-5.4 dBµA/m (measured at 10 m dist.)		
Dimensions	102 x 96 x 33 mm		



JABLOTRON a.s. hereby declares that the JA-153E, JA-153E-GR, JA-153E-AN, JA-153E-WH is in compliance with the relevant European Union harmonisation legislation: Directives No: 2014/53/EU, 2014/35/EU, 2014/30/EU, 2011/65/EU, when used as intended. The original of the conformity assessment can be found at www.jablotron.com – the Downloads section.

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 an electronic version of this document (available in other languages) or a version for installation in the JA-100+, scan the attached QR code.



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