



# JA-156E Wireless touchscreen keypad with reader RFID

The keypad is a wireless component of the JABLOTRON system and is designed to be operated by touch.

The keypad must be installed by a trained technician with a valid Jablotron certificate issued by an authorised distributor.

**This product is compatible with JA-103K and JA-107K control panels.**

**Under the Jablotron Beta conditions**

○ [Declaration of conformity - JA-156E \(PDF 675.65 kB\)](#)

## Description

## Technical specifications

<b>Type of control device (ACE)</b>	type B
<b>Power supply</b>	External power supply from adapter +12 V DC (8-15 V) type A (according to EN 50131-6) Please note: Battery is not included.
<b>Backup battery</b>	Li-Ion Polymer battery
<b>Voltage/capacity</b>	3.7 V/2500 mAh, recommended type BAT-3V7-2500
<b>Maximum capacity</b>	2520 mAh
<b>Minimum capacity</b>	2500 mAh
<b>Typical backup battery lifetime</b>	>48 hrs
<b>LowBatt state</b>	3.5 V
<b>Maximum charging time to reach 80% of capacity</b>	6-7 hrs
<b>Nominal current consumption (display OFF)</b>	58 mA
<b>Maximal current consumption (display ON)</b>	280 mA
<b>Communication band</b>	868.1 MHz, JABLOTRON protocol
<b>Maximum radio-frequency power (ERP)</b>	<25 mW

<b>Communication range</b>	approx. 200 m (open area)
<b>RFID frequency</b>	125 kHz
<b>Maximum RFID magnetic field strength</b>	-5.4 dB $\mu$ A/m (measured at 10 m)
<b>Dimensions</b>	95 x 183 x 30 mm
<b>Weight (without battery)</b>	258 g
<b>Classification</b>	Security grade 2/Environmental class I (According to EN 50131-1)
<b>Environment</b>	Indoor
<b>Operating temperature range</b>	0 °C to +40 °C
<b>Average operational humidity</b>	75% RH, w/o condensation
<b>Certification body</b>	Trezor Test s.r.o. (nr. 3025)
<b>In compliance with</b>	ETSI EN 300 220-1, -2, ETSI EN 300 330, EN 50130-4, EN 55032, EN IEC 62368-1, EN IEC 63000, EN 50131-1, EN 50131-3, EN 50131-5-3, EN 50131-6
<b>Can be operated according to</b>	ERC REC 70-03
<b>Recommended screw</b>	4 x $\varnothing$ 3.5 x 40 mm (countersunk head)