

# The JA-188J wireless wall button

The JA-188J is a component of the **JABLOTRON 100** alarm system. It enables you to remotely trigger panic alarm, control other appliances, can be used as a doorbell or to control the alarm system. The battery-powered wireless button communicates via Jablotron radio protocol.

## Installation

If it is to be used as a panic button, then it must be installed together with the bottom part of its housing and the tamper contacts must be switched on.

Do not install the button on metal surfaces (those may negatively affect the range of its transmitter).

- Remove the top part of the housing (using a screwdriver from the right/left side).
- Release the bottom part of the housing by pressing the 4 tabs in the corners.
- Install the bottom part to the selected place.
- Insert the housing containing the electronics in the bottom part (the tamper spring should press against the wall on which the unit is to be installed).
- Configure the functionality using the DIP switches (see below).
- Enroll the button according to a receiver (control panel) manual.
- Close the movable button cover.



## Setting the DIP switches

Set DIP switches #1 and #2 before finally closing the JA-188J unit as below:

#	OFF	ON
1	Tamper contacts and radio communication supervision switched OFF	Tamper contacts and radio communication supervision switched ON
2	Remote control function - button A (push the button's top) = set, B (push the button's bottom) = unset	Panic button function (button A or B sends a panic signal, i.e. any pushing)

## Using the button with a Jablotron panel

When used with a control panel, the tamper contacts should be switched on (DIP switch # 1 in the ON position).

- The control panel must contain a JA-11xR radio module.
- Select a position in the F-Link software and enter the Enrollment mode by clicking on the Enroll button
- Insert a battery (mind the correct polarity). That will send an enrollment signal to the control panel and enroll the button in the selected position.

### Notes:

- If you try to enroll the button after the batteries have already been inserted, you must remove them, press the contact on the cover (to discharge the rest of energy) and then enroll the button.

- It's possible to enroll the button in the system by typing the production code in the F-Link software, which is located on the button's PCB under the bar code (1400-00-0000-0001).
- If **DIP switch # 2 is OFF**, the natural reaction of the control panel is **Set**. Pressing the **button A** will **set** and **button B** will **unset** an assigned section.
- If **DIP switch # 2 is ON** and the natural reaction of the control panel is configured to, for example, **Panic**, then it will react to pressing a button A or B with **panic alarm**. If you configure a different reaction in the control panel, then any of the buttons will have it too.

## Testing the JA-188J using a control panel

The control panel shows signal of the enrolled button including its measuring and quality. It's located in the *Diagnostics* tab.

## Using the JA-188J as a doorbell button

If the button is to be used with a siren as a door bell button, we recommend setting the DIP switches (#1-OFF, #2-ON). Then it's necessary to configure the button to activate a PG output. Then enter the siren's internal setting to configure a reaction to this PG output and select a way the siren will sound.

## Using the JA-188J to control electrical appliances

The button can be used to operate devices via PG outputs of the control panel. For these applications, it's recommended to set switches (#1 - ON and #2 - OFF).

## Battery replacement

If the button is used with a Jablotron 100 system, then the control panel monitors the voltage of the JA-188J's battery and when it's too low, the control panel informs the installer or user. The button continues to function but the battery should be replaced within two weeks. This should be done by a qualified technician with the control panel in Service mode.

In other applications, change the battery if the button stops working.

Always test the proper functioning of the JA-188J after battery replacement.

*Discharged batteries should not be thrown in garbage, but should be disposed of at a civic amenity site.*

## Technical specifications

Voltage:	Lithium battery type CR14250 (1/2 AA) 3.6V/1.2 Ah
	Please note: Battery is not included
Typical battery lifetime:	approximately 3 years (20 daily activations)
Communication band:	868.1 MHz, Jablotron protocol
Communication range	approx. 300 metres (open area)
Dimensions, weight	80 x 80 x 29 mm, 60g
Operational environment according to	EN 50131-1
	class II. Indoor general
Operational temperature range	-10 to + 40 °C
Complies with EN 50131-1, EN 50131-5-3, EN 50134-2	grade 2
Complies with	ETSI EN 300220, EN 50130-4, EN 55022, EN 60950-1
Can be operated according to	ERC REC 70-03



JABLOTRON ALARMS a.s. hereby declares that the JA-188J is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

**CAUTION:** Changes or modifications not expressly approved by Jablotron could void the user's authority to operate the equipment.

The original of the conformity assessment can be found on the web site [www.jablotron.com](http://www.jablotron.com), Technical Support section.

**Note:** Although this product does not contain any harmful materials we suggest you return the product to the dealer or directly to the manufacturer after use.

