

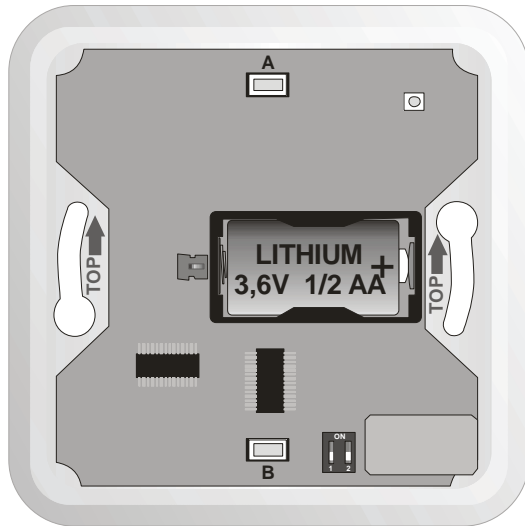
# The JA-188J wireless wall button

The JA-188J is a component of Jablotron's alarm system. It is designed to be a remote control for setting/unsetting (arming / disarming) an alarm system, triggering panic alarms or remotely controlling other appliances. 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 a metal surface (it adversely affects 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 desired place.
- Reunite the housing containing the electronics with the installed part of the housing (the tamper spring should press against the wall where the unit is to be installed, via the hole in the bottom housing).
- Configure the functionality using the DIP switches (see the below section called 'Setting the DIP switches').
- Enroll the JA-188J button to its receiver or control panel according to the relevant manual.
- Reunite the top housing with the rest of the housing to complete installation.



## 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 an Jablotron panel

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

1. Enter enrollment mode on the control panel by keying in "1" in Service mode (the desired device address can be chosen by the arrow keys).

2. Install a battery into the JA-188J to activate enrollment.
3. Exit enrollment mode by pressing "#".

If **DIP switch # 2 is OFF**, the Natural reaction of the control panel is **remote control - button A = set** and **button B = unset**. If any other reaction is set in the control panel, it will only be valid for button A.

If **DIP switch # 2 is ON**, then the natural reaction of the control panel is a **panic alarm** – triggered by pressing button A or B.

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

In service mode, an Jablotron control panel can check the radio signal strength of an enrolled JA-188J button (see control panel manual).

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

If the JA-188 is to be used with a JA-180L indoor siren as a door bell button, set DIP switches #1 and #2 to the OFF position. Enrollment is described in the JA-180L manual.

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

The JA-188J button can also be used with other Jablotron products which communicate via Jablotron radio protocol, e.g. relay receiving modules series JA-182N and JA-180N (see the manuals of these particular products for details). For these applications we recommend switching DIP switches #1 and #2 OFF.

**Note:** The JA-188J can be enrolled to several receivers at once.

## Battery replacement

If the button is used with an Jablotron control panel, then the control panel monitors the voltage of the JA-188J's battery and if too low, the control panel informs the installer or user. The button continues to function but battery replacement should not be delayed by more than two weeks. This should be done by a qualified technician with the control panel in Service mode.

*Expired batteries should not be thrown into the garbage, but disposed of according to local regulations.*

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

## Technical specifications

Voltage: Lithium battery type LS14250 (3.6V ½ AA / 1,2 Ah)  
 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

Operational temperature range: class II. Indoor general -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.