

JA-154J two way remote control – four buttons

The JA-154J is a component of the JABLOTRON 100 system. It uses 2-way communication. It is designed to remotely control setting / unsetting, trigger panic alarms and control other appliances. The remote control works as a segment of the JA-100 system keypad. It checks and indicates the system and battery status by acoustic and optic indication.

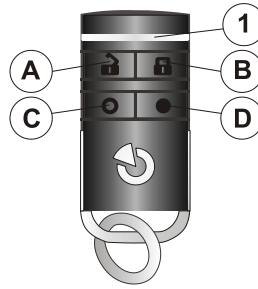


Figure: 1 – LED indication; A – unset button (turn off a PG output, B – set button (turn on a PG output); C – turn off PG button (unset button); D – turn on PG button (set button).

Enrolling the remote control to a control panel

There must be a JA-110R radio module installed in the control panel. The control panel has to be in Service mode (*fw of the control panel must be LJ60409 / MD60409 or higher*). Proceed with this according to the control panel installation manual. Go to the F-Link software, select the required position in the **Devices** tab and launch enrollment mode by clicking on the **Enroll** option.

Enroll the remote control to the control panel by pressing any button. The enrollment is confirmed by the yellow LED flashing 3 sec. It is also possible to enroll it by F-Link software, by entering the production code. This code is on the sticker in the battery area inside the remote. The remote takes 1 position in the system.

Note:

- When you want to remove the remote control from the system, just erase it from the particular position. (e.g.: somebody has lost it)
- If it is not possible to enroll the remote control to the control panel check if the remote control lock is maybe active. Otherwise perform a reset of the remote control (See particular paragraphs).

Setting the properties

Perform settings using **F-Link** software (*F-Link version 1.1.1 and higher*) – **Devices** tab. Click on the JA-154J's **Internal settings**. Then a window appears with a request to press any button on the JA-154J. When the button is pressed, the JA-154J opens 2-way communication. Now you are allowed to configure the settings from F-Link. This mode will be closed in 5 minutes. LED (1) lights yellow. Click on **Continue** to confirm opening programming mode. Now F-Link shows a dialog where you can set the parameters of the JA-154J.

Button sound: The remote control confirms pressing the button by a short beep.

Acoustic signalling of an alarm status change: Beeps once when the section is set / PG output is switched ON, beeps twice when the section is unset / PG output is switched OFF, three times on unsetting the section after an alarm.

Confirm bypass: When the system is set with a bypass it means with a disabled or an active device, buttons B and D have the same behaviour as a segment on the keypad regarding the bypass function. A bypass is set in the control panel see the **Parameters / Confirm bypass** tab. This is not valid in the case of common section control. Control by common section always sets everything regardless of any active devices.

Button functions: The reaction can be set for button pairs + and + (A+B and C+D) or a single reaction for button (C) and a single reaction for button (D). To give a reaction to a selected button, see the options in following table:

Reaction for button pairs		Reaction for a single button	
+ (A+B)	... (C+D)	 (C)	 (D)
<ul style="list-style-type: none"> • None • Set/Unset • Partially set / Set / unset • PG ON/OFF 	<ul style="list-style-type: none"> • None • Set / Unset • Partially set / Set / Unset • PG ON/OFF 	<ul style="list-style-type: none"> • None • Panic • Audible panic • Switch mode • Fire • Health problems 	<ul style="list-style-type: none"> • None • Panic • Audible panic • Switch mode • Fire • Health problems

Takes over a user's access privileges: This will take over the access privileges to sections and time limited access settings of a selected user.

Takes over a user's identity: A chosen user will be recorded as the source of some events in the control panel history.

Action delay(s): This is valid for panic, fire and health problems. The delay is selectable in the interval 0 – 240 s. During this time it is possible to cancel the reporting by pressing any button.

Battery replacement

Low battery indication is signalled on the remote control after any button is pressed. The action assigned to the button is done and the yellow LED flashes with 3 quick beeps. The remote still works as usual but the RF range goes slowly down. If a new battery (type CR 2032) is inserted, low battery indication ends. Low battery reports are sent to the control panel too. To change the battery unscrew the 2 screws from the back plastic, remove the cover with the metal strut from the housing. Then press any button a few times and insert a new battery.

Don't throw the used battery into the trash but take it to a suitable recycling station.

Locking the keyfob

The remote control buttons can be locked (blocked) against accidental pressing. Locking is disabled by default, pressing any button triggers its function immediately.

If the buttons are locked, a control command is sent when a button is pressed 2 x quickly (panic too).

The **lock can be activated** by pressing and holding the pair of buttons (A, B) at the same time. After pressing both buttons all LEDs (1) quickly flash and then after 3 sec the red LED stays lit. Now release the button (B) and then press it again. Activation of the lock function is confirmed by double flashes of the red LED and a double beep. After this procedure release all buttons.

The remote control **lock is deactivated** by repeating the procedure above. Deactivation of locking is confirmed by one flash of the LED and one beep.

Resetting the remote control

The remote control can be reset to default by pressing and holding the pair of buttons A and B. After both buttons have been pressed the red indication LED starts to light after a 3 sec delay and then keep holding both buttons until the yellow LED starts flashing. Now release button B and press it again. A reset has been successfully done and confirmed by the lit yellow LED and the remote control's 5 beeps. Now release both buttons.

LED indication board

Status	Reason
Green LED lit (3 s)	Unset/PG OFF
yellow LED lit (3 s)	Partially set
red LED lit (3 s)	Set/PG ON
Quick flash by yellow LED + acoustic indication (3 x quick beeps)	Remote control low battery
Quick flashes by yellow LED (10 x)	Remote control is out of RF range or has been jammed

Technical specifications

Battery	type CR 2032 (3,0 V)
Typical battery lifetime	(power supply type C acc. to EN 50131-6) approx 2 years (10 daily activations)
Communication band	868 MHz
Communication range	approx. 30 m (open area)
Op. environment acc.to EN 50131-1	II. Indoor general
Operational temperature range	-10°C to +40°C
Security grade acc.to EN 50131-1	2
Can be operated according to	ERC REC 70-03
Complies with	ETSI EN 300220, EN 50130-4, EN 55022, EN 60950-1



JABLOTRON ALARMS a.s. hereby declares that the JA-154J is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC. The original of the conformity assessment can be found at 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 producer after use. For more detailed information visit www.jablotron.com