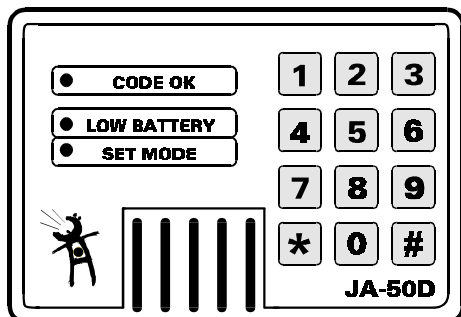


WIRELESS KEYPAD JA-50D INSTALLATION MANUAL v.1.1



DESCRIPTION

The JA-50D wireless keypad is very suitable solution in the case, that more people should operate the JA-50 system. This device can be used for arming and disarming of the control panel and PANIC triggering. If this device is located close to the door of your house each user can easily control alarm system with his four digits user code.

Keypad is powered with 9V battery, it is protected with a tamper switch and it has a programmable limit of unsuccessful attempts to enter valid access code.

Specifications:

operating voltage: 9V battery (alkaline)
stand by consumption: 50uA
working frequency: 433.92MHz
all data are stored to nonvoltage memory
User Code (UC) factory default: 1234
Panic Code (PC) factory default: 1515
Service Code (SC) factory default: 5050

Installation:

- switch control panel to SERVIS mode
- open JA-50D housing
- fix the rear part of housing to the wall
- place 9V battery to the keypad
- close the housing (tamper switch must fit to the hole in the rear part of the housing)
- teach control panel to know keypad code (entering valid UC in learning code mode)
- all remote controllers and keypads must be activated step by step during learning code mode

Testing:

- control panel must be in SERVIS mode
- enter valid User Code (UC)
- keypad built in CODE OK LED will flash
- control panel will beep and ARM LED will flash
- enter valid Panic Code (PC)
- built in CODE OK LED will flash
- control panel will beep and 24H LED will flash

Operation:

- switch control panel to STAND BY mode
- entering UC control arming
- entering PC you can trigger panic alarm

NOTE: number of unsuccessful attempts to enter valid code is checked. If there are more attempts than limit (programmable), panic alarm will be triggered.

Changing of access codes.

Each access code can be changed by user the following way:

- * UC NC (new User Code)
- * PC NC (new Panic Code)
- * SC NC (new Service Code)
- NC - new code (any 4 digits)

(Example - to set User Code from 1234 to 4567 press: * 1234 4567)

NOTE: all settings are stored to nonvoltage memory, # key works as ESC (erase input buffer)

Programming:

If you want to program other functions of the keypad, you must **open setting mode** at first. To open this mode you must enter:

SC UC (for example 5050 1234)

when this mode is opened SET MODE LED lights; to close setting mode press #.

The following features can be programmed in setting mode:

- * **1 xx** (xx - 00 to 99 **number of unsuccessful attempts** to enter valid code)
- * **2 xxxx** (xxxx - 0000 to 9999 **new communication code**) If you change this code, you must teach control panel for this new code
- * **3** Now the **keypad works as JA-50 tester**. You can generate different signals by pressing the following keys:
 - 1 24h
 - 2 L.BATT
 - 3 DELAY
 - 4 INSTANT
 - 5 FIRE
 - 6 ARM
 - 0 RETURN BACK TO SETTING MODE

* **4 Battery quality test**. It tests battery for 10sec. If LOW BATTERY will stay ON after this test the battery is poor quality - change it.

* **5 x** (x - 0 or 1) **Quick arming feature**. When enabled, you can ARM system either with UC or pressing * # only (disarming is possible only with UC)

- 0 - disabled
- 1 - enabled

NOTE: All settings are stored to nonvoltage memory. Setting mode must be closed by # in the end of programming.

Emergency return to factory default settings:

- open the keypad housing
- disconnect battery for 5minutes
- make a short connection of the pins on the PCB with jumper
- connect battery again
- remove the short connection from the pins
- close the housing

factory default:

UC : 1234
PC : 1515
SC : 5050
number of unsuccessful attempts 5
quick arming disabled

NOTE: If you got a code card with your keypad, look at this card for factory default codes.

Low battery in the keypad.

The JA-50D keypad checks its own battery condition. If it is necessary to replace a battery, the keypad will inform the control panel. A blinking L.BATT LED on the control panel indicates that a detector needs a new battery. You can also see the LOW BATTERY LED lights when you press any button of the keypad. If the keypad's LED flashes, **replace the battery in the keypad**.

Switch the control panel to the SERVICE position, then open the housing of the keypad and replace the battery. Close the housing and switch the control panel back to the STAND BY position.

NOTE: We recommend that you use only high quality alkaline batteries. The average life time of a high quality battery in the keypad should be a few months.

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