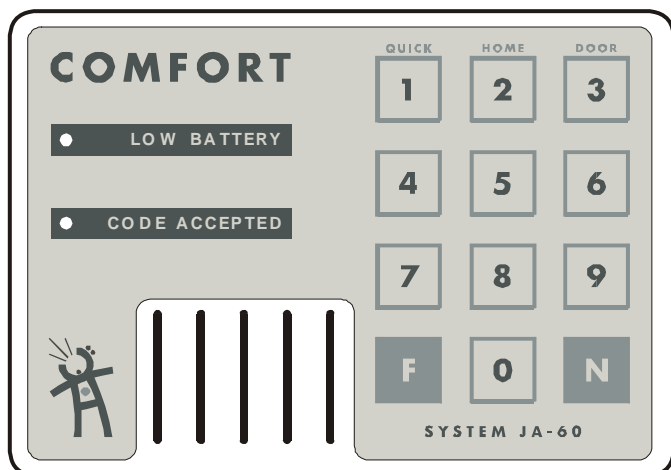# JA-60D Wireless Keypad

This keypad is an optional part of JA-60 wireless alarm system. It can operate the system similar to the built-in keypad on the control panel. Multiple JA-60D keypads and RC-11 remote controllers can be used with a control panel (max. 8 totally). The keypad has a built in tamper sensor and it also checks the number of attempts to enter an access code (5 unsuccessful attempts will trigger a tamper alarm).

The keypad makes regular auto testing and reports its condition regularly to the system for full supervision.

Specifications

power	3 V - 2 x AAA battery 1.5V
battery life time	about 1 year
access codes	1x Master code, 1x User code
working frequency	433,92 MHz
working range	max. 100 m (open area)
complies with	EN 50131-1 grade 2
environmental class	II indoor general -10 to +40°C

can be operated according to ERC REC 70-03

Contents of the set: keypad, 2 plastic dowels, 2 screws, 2 AAA batteries

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Hereby, Jablotron Ltd., declares that this JA-60D is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

Original of the conformity assessment can be found at the web page www.jablotron.cz, section Technical support.

Installation

Do not install the keypad near larger metal objects which could obstruct radio communication. Its antenna should be pointing up.

- Open the keypad by pressing the internal tab on the left side of the housing.
- Attach the rear panel to the wall using the 2 provided screws (the tamper switch hole should be on the top).
- Select the enrolling mode on the control panel (see the control panel installation manual) and then install the provided batteries into the keypad.
- The keypad will automatically enroll to the system after battery installation.
- Close the keypad housing and test its function entering an access code (factory default 1234). Entering of the code will be indicated by the "Code accepted" LED.

The difference in the Keypad's two codes

- **Master code** – for arming, disarming and keypad code changes (factory default 1234).
- **User code** – for arming and disarming only (blank from the factory)

The keypad's **Master code and one User code can be set independently from the control panel**. Each JA-60D in the system can have unique access codes.

Operation of the system with the keypad

Arming – enter your code (Master or User). Panel will beep and will start exit delay count down. You must leave the protected area during the exit delay.

Disarming – enter your code (Master or User). The panel will beep twice and will disarm. When you enter the protected area before disarming, the entrance delay count down will start. If disarming is confirmed with three beeps, check the events indicators for information (alarm memory, failure, low battery etc.).

To stop alarm – enter your code (Master or User).

Panic alarm – entering F7 before your code (Master or User) will trigger silent panic alarm.

List of all JA-60K user functions:

code	
code	**arming or disarming** – depending on current mode (*code* = Master or User code)
F 1*	**arming without a code** – disarming is only possible with a code
F 2*	**partial (home) arming** - detectors 11 to 16 will be ignored (except Smoke & Gas detectors)
F 3*	**door opening** – will release electric door lock if connected to the system
F 5	**new Master Code** – you must enter old code and then the new one twice. Example: to change Master code from 1234 to 2738 enter ***F5 1234 2738 2738***
F 6	**new User Code** – you must enter Master code and then the new user code. Example: user code 6789 can be entered while Master code is 2738: ***F 6 2738 6789*** *To erase User code completely, set it to be identical to the Master code*
F 7	**panic alarm** – if you are under duress, enter **F 7 your code**, this will trigger the silent alarm; if the system is armed, it will also disarm
F0 MC x	**No code requested** – if you enter **F0 Master Code 1**, no code will be requested for functions F1, F2 & F3 as described above. If you enter **F0 Master Code 0**, these functions can be used only when followed by a code (Master or User). Factory default is "no code requested" setting
N	**exit** – not completed code or function sequence

* these functions depend on the setting of F0 (see above). Setting of the "No code requested" parameter is only valid for this particular keypad. Each keypad in the system can have different settings of this parameter. Thanks to this feature, the keypads located out of the protected area can request codes, while the keypads in the protected area do not.

Battery testing and replacement

The keypad checks the condition of its batteries automatically. If it is necessary to replace the batteries, the keypad will inform the system about the need for new batteries. In this mode the keypad works as normal, but when a key is pressed, the "low battery" LED will turn on for 10 seconds. This way it is possible to recognize that the replacement of the batteries is requested. If a low battery is indicated, it should be replaced as soon as possible (in a week).

Before the batteries are replaced, the control panel must be put into a mode which allows for the opening of the keypad (**U**ser or **P**rogramming mode).

Use only high quality alkaline AAA batteries for replacement. After the correct installation of the new batteries, the keypad will sound for a short while.

Note: *Dispose of batteries safely depending on the type of the batteries and local regulation. Although this product does not contain any harmful materials we suggest you to return the product to the dealer or directly to the producer after usage.*

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