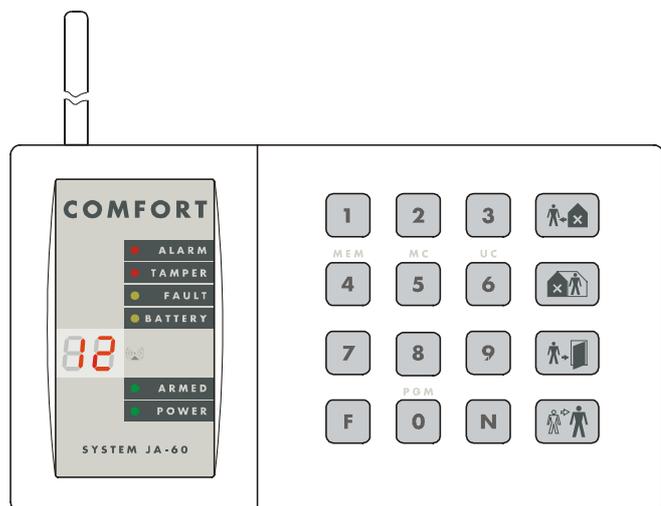


Wireless keypad JA-60F



The JA-60F is an optional wireless keypad for the JA-60 or JA-65 series wireless control panel. It can operate the system in exactly the same way as the built-in keypad on the control panel and as the hard wired bus system keypad, JA-60E. The LED indicators, display and built-in buzzer indicate the alarm system's status.

Multiple 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 conditions regularly to the system for full supervision.

The JA-60F keypad can be used for control panel programming as well. Being wireless, it can help an installer to monitor the system functions when performing a "walk" test.

Specifications

power supply	6 V – 4 AAA alkaline batteries (50 uA) or 12 V DC / 100 mA power adaptor
battery life time	typ. 1 year
number of keypads in a system	max. 8 control devices
working range	max. 80 m (open area, no interference)
access codes	identical with control panel (1 +14)
working environment	indoor use , -10 to +40 °C
complies with	EN 50131-1 grade 2, EN 300220

Contents of the set: keypad JA-60F, 2 adhesive labels, 2 plastic dowels, 2 screws, and 4 AAA batteries

Installation

Select the desired keypad location close to the entrance. **The keypad needs a good quality, two ways radio communication with the control panel. Under optimal conditions (open area, no interference) the working range is about 80 meters. Indoors the distance of the keypad from the control panel should not exceed 20 meters. Any radio communication obstructions or interference can reduce working distance. Test the JA-60F function, before you attach it to the desired location.**

1. Open the keypad by pressing on the internal tab on the right side (using a screwdriver)
2. Select the enrolling mode on the control panel (see the control panel installation manual) and then connect batteries into the keypad
3. The keypad will automatically enroll to the system.
4. Exit the enrolling mode on the control panel and test the keypad function from the desired location
5. Mount the rear housing to the place (the internal tab should be on the right hand side)
6. Reattach the front panel by placing the left side to the rear part and then push the right side against the wall (the tab will click)

Optional power supply by an adapter:

If you want the JA-60F keypad to indicate the system status permanently, it should be powered by an external power adapter with the output voltage of 12 VDC (stabilized). We recommend use of model DE02-12 (Jablotron) power supply.

Connect the +12 V and GND adapter outlet to the keypad terminals first. Then insert batteries in order to enroll the keypad to the control panel. After enrollment, plug the adapter into the power socket. Batter-

Wireless keypad JA-60F

ies will backup the keypad's power when the main power fails. Do not use rechargeable batteries!

Optional external antenna

External antenna AN-01A can be used in order to increase the working distance. The external antenna should be connected to the antenna connector in the JA-60F. Whenever you use this antenna disconnect the jumper located next to it. Follow the antenna's manual instructions when installing the antenna.

Operation

The keypad can operate and program the system exactly the same way as the built-in keypad on the control panel.

Functions F1 through F0 can be used on the JA-60F as described in the JA-60 control panel manual. Beside this, there are 4 extra keys, which have the following functions (when pressed for 0.2 seconds or more):



Arming without a code (equal to F1 entry)



Partial arming (equal to F2 entry)



Door opening (equal to F3 entry)



Panic alarm (equal to F7 entry) - when pressed before entering of a valid user code, the silent alarm will be triggered. If the system is armed, it will also disarm (operation under duress).

Programming of the control panel is only possible with the installer code. It is recommended to use the control panel's built in keypad, or the JA-60E wired keypad for programming.

Note: The voice messages for the emergency dialer can only be recorded directly in the control panel.

Backlight of the keys and displays switches on after the JA-60F cover is opened or any key is pressed. It goes off automatically if there is no other entry within 10 seconds. This feature prolongs the lifetime of the batteries. If an acoustic indication of the entrance delay has been selected in the control panel, the JA-60F indicates it after being activated (e.g. opening the cover or pressing any key on the JA-60F).

If the JA-60F is powered by an adapter, all the indications will be shown regardless of activation.

Testing of the system with a JA-60F keypad

When installing and testing the system you can use the JA-60F keypad as a portable control panel terminal.

When the keypad is not attached (the tamper switch is open), The JA-60F permanently copies the control panel's indicators. This way, after switching the control panel to the programming mode you can pass through the premises with the keypad in hands and test all installed components, seeing an exact copy of the control panel's reactions.

Notes:

- An open (not pressed tamper switch of the JA-60F can cause an alarm on the control panel, after the programming mode is exited.
- Permanent function of the JA-60F indicators, when it is battery powered, can significantly shorten the battery life time. So do not leave the keypad, with an unpressed tamper switch, for an extended period.

Battery testing and replacement

The keypad checks the conditions of its batteries automatically. If it is necessary to replace the batteries, the keypad will indicate this situation.

Before the batteries are replaced, the control panel must be put into a mode which allows for the opening of the keypad (**User or Programming 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: keypad JA-60F is compatible only with JA-60 series control panels. The JA-60K control panel model 2001 and newer (software DY61134 or higher).



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