

## JK-16 PROFI

- Installation instructions - only Jablotron distributor certified installers should install this kit.
- Detailed manuals for all included components can be found on the enclosed CD or on the Jablotron website [www.jablotron.com](http://www.jablotron.com)

### 1. Kit contents

All items in the kit are enrolled and preprogrammed. The detectors and remote controls have batteries pre-installed.

Item	description	address
JA-60N	wireless door sensor	1
JA-60P	wireless motion detector	2
JA-63F	wireless keypad	c1
RC-44	remote control	c2
UC-260	wireless indoor siren	panel is enrolled

The **RC-42** is the same remote control as the **RC-44** except that it is built into a housing with only two buttons (**G&O**), which have identical functions to the left pair of RC-44 buttons.

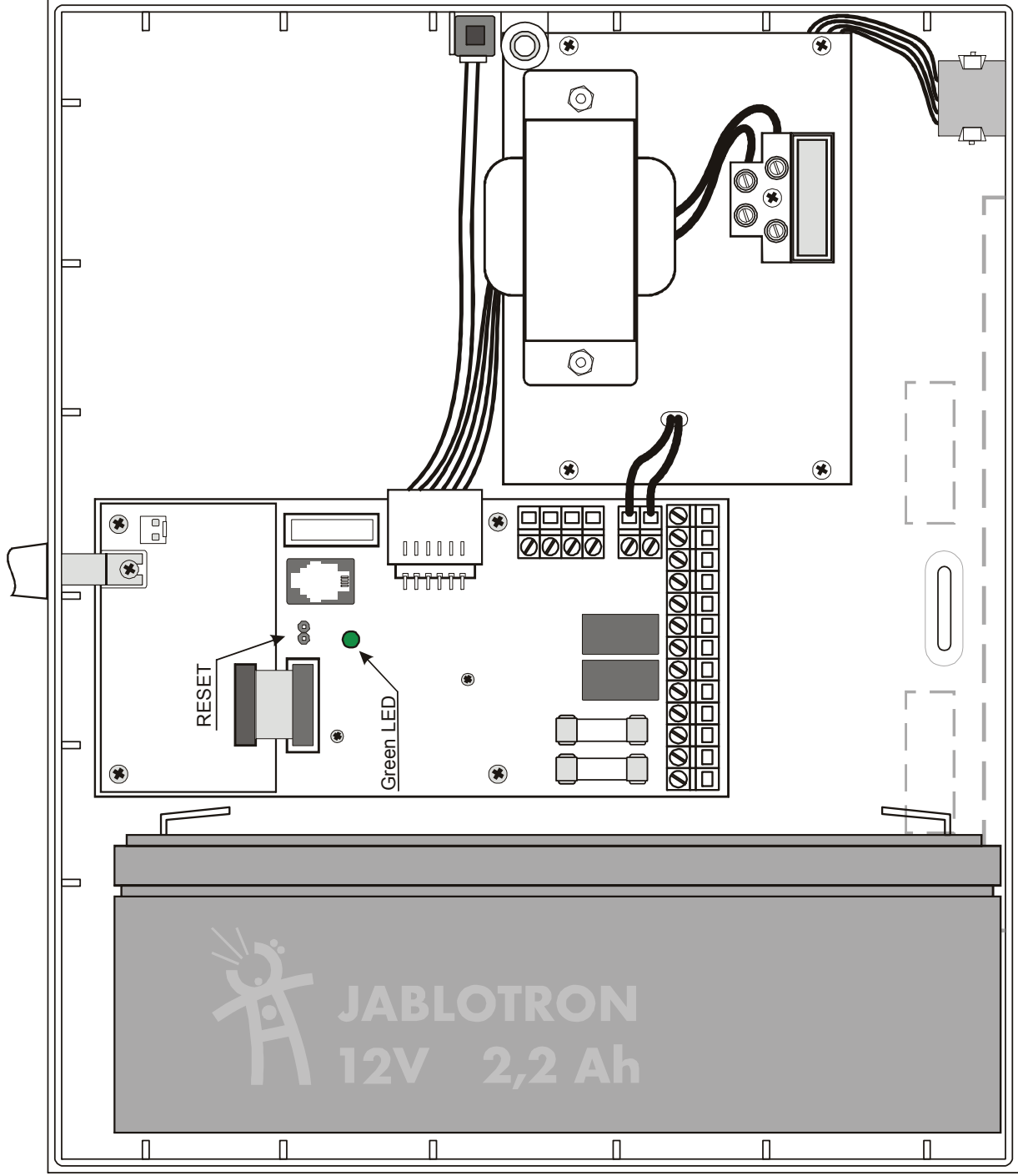
### 2. Before installation

Decide upon suitable locations for all of the devices. The wireless keypad should be within 20m of the control panel.

There should be power and a telephone line available for the control panel.

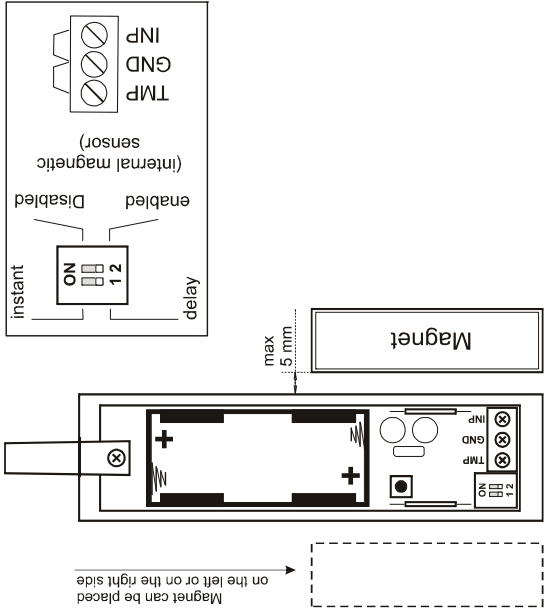
### 3. Control panel installation

- Install the control panel** - see the drilling template on the last page of this manual.
- Install and **connect the backup battery** to the control panel
- Connect the **AC power** to the control panel
- The **Green LED** should flash in the control panel
- Connect the **keypad's batteries** (pull out the red tape to activate batteries). **P will be indicated** on the keypad (programming mode).
  - If F is indicated, there is no communication with the control panel.
  - Enter **F0 6060 to re-enter P mode** if you accidentally exit it by pushing the N keyTo save the keypad batteries, close its cover.

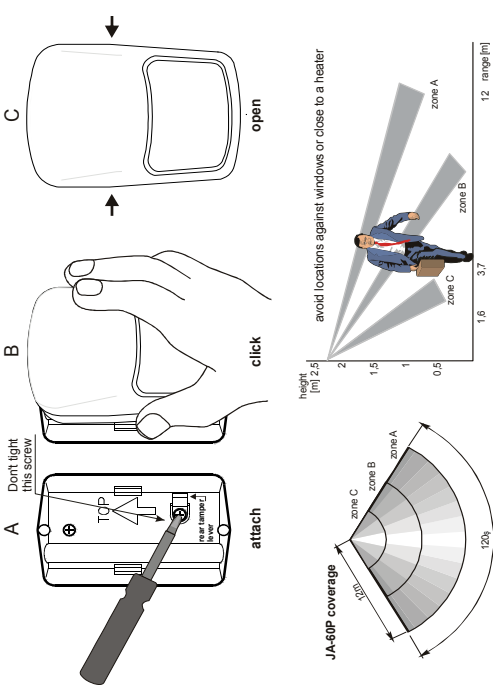


4. Detector and accessory installation

- a) Install the **JA-60N** magnetic detector onto the door (antenna pointing up or down)



- b) Install the **JA-60P** PIR motion detector



- c) Select **Instant** or **Delay** reactions via the DIP switches inside the detectors.  
d) **Connect the detector's batteries** (pull out the red tape to activate the batteries)  
e) **Attach the keypad** to the desired location  
f) Plug the **UC-260 wireless siren** into a power socket  
g) Test the wireless doorbell button and install it.

5. Enrollment of additional accessories

If you install **additional detectors** (max. 32), you have to enroll them. The system should be in **P mode** (if not enter F0 6060):

- a) **Press 1** to enter enrollment mode\*  
b) **The next free** detector **position will be displayed on the keypad**.  
c) **Install batteries** into all new detectors step by step to enroll them (system will automatically offer the next free position)  
d) To **scroll through sensor positions**, press 1 (up) or 7 (down)  
e) To enroll a **second detector** to an occupied position press 5 before you install the detector's batteries  
f) To **exit enrollment mode** press the N key

**The wireless keypad** (JA-63F) enrolls after you install its battery while in **enrollment mode**.

**The remote control** (RC-4x) enrolls after you press and hold both **Ⓜ** and **Ⓢ** buttons while in **enrollment mode**.

The **wireless outdoor siren** (JA-63A) enrolls after it is powered up while in enrollment mode

To **enroll the control panel to UC receivers** enter **299** on the keypad while in P mode

Check individual device manuals for more details

- \*Enrollment mode will also start after shorting the reset pins in the control panel while it is in P mode.

6. Detector and controller testing

- a) The system should be in **P mode** (if not enter F0 6060)  
b) **Trigger detectors** – their addresses (1=door and 2=PIR) should be indicated (if the PIR detector does not react, re-enter test mode by opening and closing its cover)  
c) Press button **Ⓜ** on the **RC-4x remote control** – **c2** will be indicated

7. To measure the strength of the radio signal

- a) While in **P** mode, press **1** and then using **7** scroll to position **1**  
b) Press **8** to start measuring  
c) **Activate** the door detector to view its signal strength  
d) Using the **1 key, scroll to the next position** (2 PIR) and check its signal strength (if the PIR detector does not react, reenter its test mode by opening and closing its cover)  
e) Repeat step d) to check all enrolled items. The **wireless keypad** (c1) signal is indicated after you trigger its tamper. **The remote control** (c2) is indicated after you press it's **Ⓜ** button.  
f) Change the location of an item if its signal is **lower than 2**  
g) **Return to P** mode by pressing the **N key**

8. Programming the system

- a) The system should be in **P mode** (if not enter F0 6060)  
b) Using the following sequences you can program:

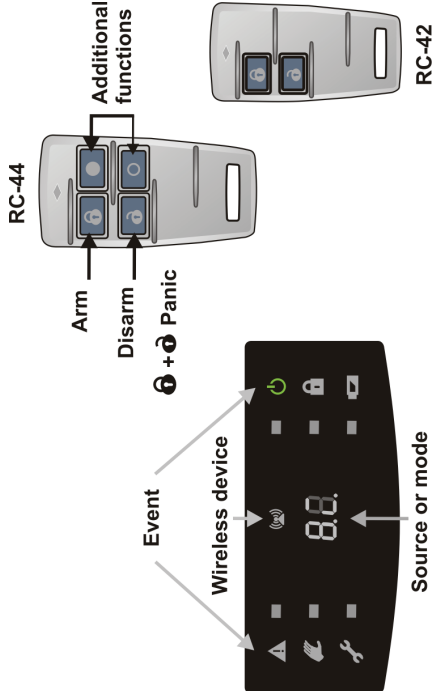
Function	Sequence	Comments
Your installer code*	5 xxxx xxxx	6060 factory default xxxx new code
Exit delay	20x	3=30sec factory def.
Entrance delay	21x	3=30 sec factory def.
Alarm duration	22x	4=4min factory def.
Time & date	4 hh mm DD MM YY	

See *control panel installation manual* for more details.

- \* Must be changed

9. Finishing the installation

- a) Fill in the information on the sticker label and attach it inside the keypad cover.  
b) Switch the system to standby (by pressing the N key)  
c) Instruct the user on how to operate the system



10. Keypad operation

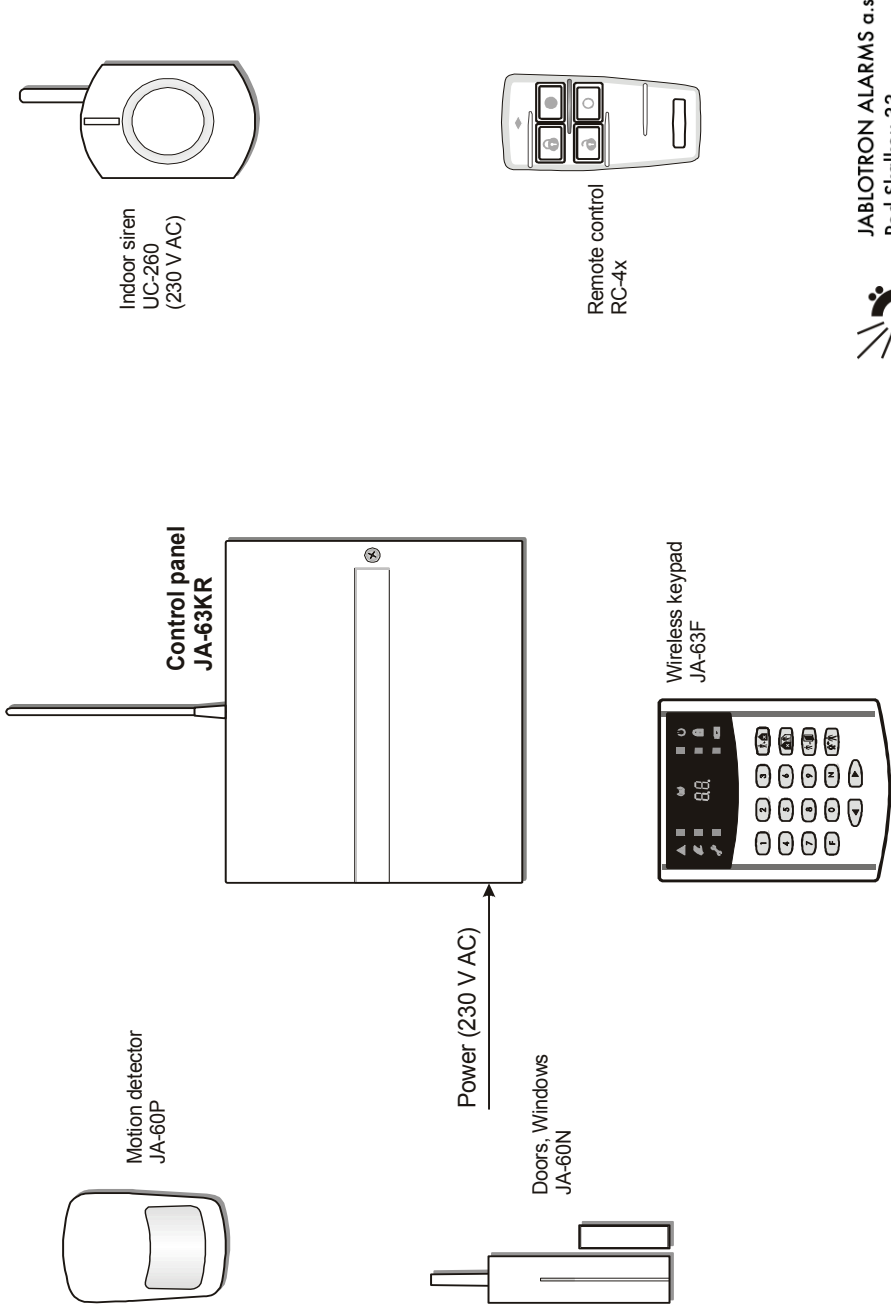
Entry	Function
User code	Arming / Disarming (Setting\Unsetting)
F1 /	Arming without a code
F2 /	Partial arming
F3 /	Door lock opening
F4	Memory reading
F5	New master code (example: F5 1234 2789 2789)
F6	User codes setting (example: F6 1234 03 3344)
F7 /	Disarming under duress
F8	Appliance control (F81 = ON, F80 = OFF)
F0 M.code	User test mode (example F0 1234)
N	Escape & fault detail reading

11. Specifications

Power	230 VAC, max 0.1 A, supervised, class II
Power supply	A type (EN 50131-6)
Backup battery	12 V, 2.26 Ah, normal life time 5 years
Backup power output	13VDC, the max. permanent current is 0.4 or 1A for max. 15 min (1 cycle per hour), 30 mA; JA-60E 25 mA
Consumption of the control panel is	4 input zones, selectable triggering: max. 8 (JA-60F, RC-22, RC-44)
Hard-wired inputs	16 zones (2 detectors can be enrolled to each master code and 14 user codes)
Wireless zones	Access codes
Wireless controllers	Wired outputs
Access codes	Programmable outputs PgX, PgY connect to the GND max. 0,1 A
Siren output	Working frequency* 433.92 MHz; digital hopping code; supervised communication
Comply with	EN 50131-1, EN 50131-6
Security grade	2 (low to medium risk)
Environmental class	II indoor – general (-10 to 40oC)
Safety	EN 60950-1
EMC	ETS 300683
Radio characteristics	ETSI EN 300220
Can be operated according to	ERC REC 70-03

**CE** Jablotron Alarms a.s. hereby declares that the JA-83K "OASIS" control panel 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 on the web site [www.jablotron.com](http://www.jablotron.com), Technical Support section.

**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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