

Control panel drilling plan

JK-15 PROFI GSM ALARM KIT

- Detailed manuals for all included components can be found on the enclosed CD or on the Jabletron website www.jabletron.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-60F	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 the housing with only two buttons (⏏ & ⏏), which have identical functions to the left pair of RC-44 buttons.

2. Before installation

Ensure that PIN code protection has been disabled before you insert a SIM card into the control panel. For example, on a NOKIA phone, select: Menu, Settings, Security settings, PIN code request, Off.

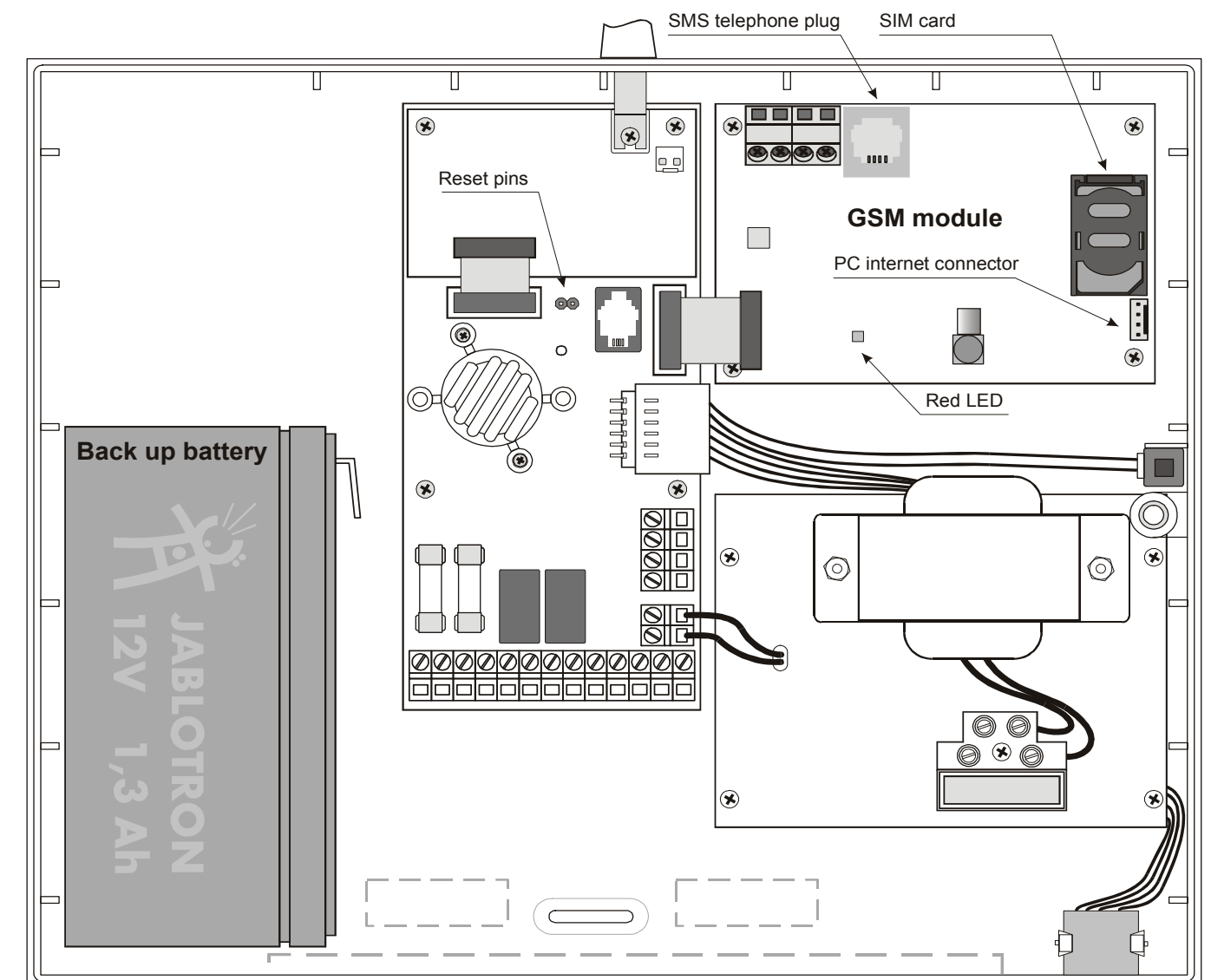
Decide upon suitable locations for all of the items. The wireless keypad should be within 20m of the control panel.

3. Control panel installation

- Install the control panel** - see the drilling plan on the last page of this manual. Plug the SMS phone lead into the GSM dialer's SMS telephone plug (see diagram) and the PC lead into the PC internet connector (if the control panel is to be a

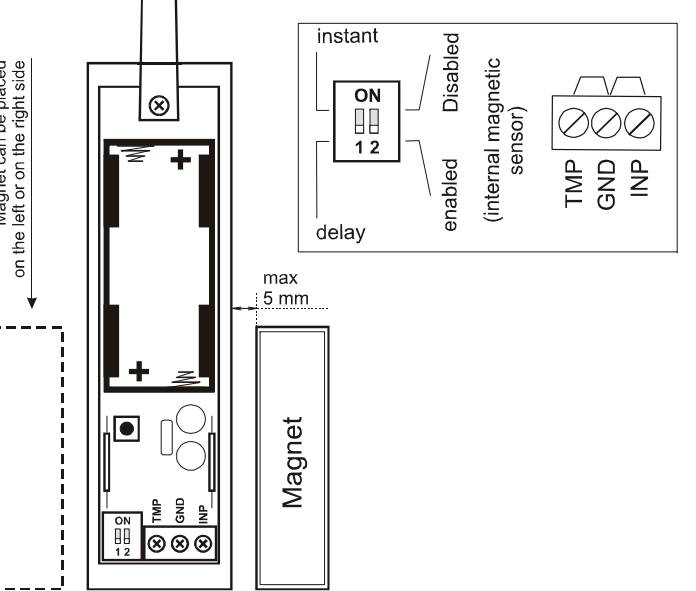
GPRS data modem) before mounting the panel. Push out the appropriate cut-outs to allow the leads access to the panel.

- Open the SIM card holder (by sliding it in the direction shown in picture below) and Insert the SIM card into the holder and close it by sliding it back.
- Install and **connect the backup battery** to the control panel
- Connect the **AC power** to the control panel
- The red LED** will be lit during connection to a **GSM network** and should turn off within 60 sec. *If the LED starts flashing, GSM network connection was unsuccessful (switch off both the AC and backup up battery and then try the SIM card in your own mobile phone to ensure it is functioning).*
- Connect the **keypad batteries** (pull out the red tape to activate the 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 key
 - To save the keypad batteries, close the cover while it is in P mode
- Enter 971 to measure the GSM signal** strength. It should register 3 minimum (if not, change the location of the control panel or use an external GSM antenna).
- Exit measuring** by pressing the N key. Attach the control panel cover.

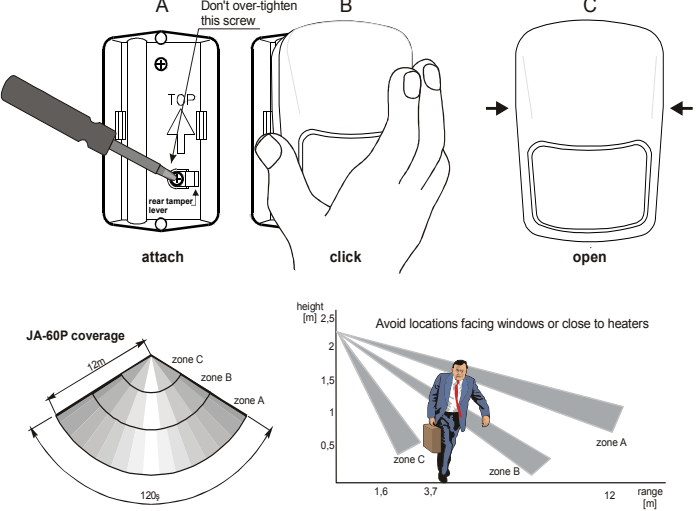


4. Detectors and accessories installation

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



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



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

5. Enrollment of additional accessories

- If you install **additional detectors** (max. 32), you have to enroll them. The system should be in the **P mode** (if not enter F0 6060):
- a) **Press 1 to enter the learning 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 the 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 batteries
- f) To **exit the learning mode** press the N key
- The wireless keypad** (JA-60F) enrolls after you install its battery while in the learning mode.
- The remote control** (RC-4x) enrolls after you press and hold both the **6** and **7** buttons while in the learning mode.
- The wireless outdoor siren** (JA-60A) enrolls after it is powered up while in the learning mode

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

Check the manuals of individual items for more details

*Learning mode will also be entered after shorting the Reset pins in the control panel.

6. Detector and controller testing

- a) The system should be in **P mode** (if not, enter F0 6060)
- b) **Trigger the detectors** – their addresses (1=door and 2=PIR) should be displayed (if the PIR detector does not react, re-enter its test mode by opening and closing its cover)
- c) Press **button 6** on the **RC-4x remote control** – **c2** will be indicated on the alarm display
- 7. Radio signal strength measurement**
- 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, re-enter 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 button **6**.
- 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. GSM communication testing

- a) **Call back the system number** using your mobile. Let the SMS phone ring until the system answers your call (you will hear a beep). Then enter the **installer remote access code 0000** on your mobile.
- b) Now the **mobile should work as a system keypad**. Press the **# key** to exit P mode and re-enter it by keying ***0 6060**
- c) **End the phone call**
- d) From your mobile, send a command SMS with MO in it to the system. You should then receive a **status report reply**

9. 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
Installer remote access code*	94 xxxx F0	0000 = factory default xxxx = customized code
User remote access code*	94 xxxx F1	1111 = 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.
Alarm SMS reporting	71 yyy..y F0 72 yyy..y F0	yyy..y = phone number 7nF0 erases number n
Alarm SMS + phone call reporting	73 yyy..y F0 74 yyy..y F0	
Alarm & arming SMS reporting	75 yyy..y F0 76 yyy..y F0	
Alarm phone call only	77 yyy..y F0	
Technical trouble SMS reporting	78 yyy..y F0	
User 1 to 4 arming reporting to 75 & 76	80x	x=1 enabled x=2 disabled
GSMLink pre-registration	972 yyy..yF0	yyy..y = your mobile number (international format 00 country ...)
Time & date entry	4 hh mm DD MM YY	

See control panel installation manual for more details

* Must be changed

10. SMS text editing

Factory default SMS texts in the system can be modified easily by Jablotron's Comlink software.

yyyy*TXT*z,text,z,text,z,text.....

yyyy = installer remote access code (0000 = factory default)

* = separator, space can also be used

z = text index, see the following table

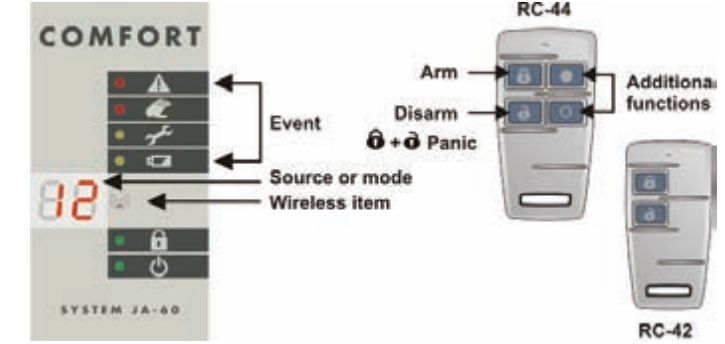
text = new text (no commas or periods/full stops allowed)

z	Factory default text	z	Factory default text
700	Alarm system reports:	415	Wireless detector #15
201	Controller #1	416	Wireless detector #16
202	Controller #2	501	User code #1
203	Controller #3	502	User code #2
204	Controller #4	503	User code #3
205	Controller #5	504	User code #4
206	Controller #6	505	User code #5
207	Controller #7	506	User code #6
208	Controller #8	507	User code #7
401	Wireless detector #1	508	User code #8
402	Wireless detector #2	509	User code #9
403	Wireless detector #3	510	User code #10
404	Wireless detector #4	511	User code #11
405	Wireless detector #5	512	User code #12
406	Wireless detector #6	513	User code #13
407	Wireless detector #7	514	User code #14
408	Wireless detector #8	z	Factory default commands
409	Wireless detector #9	703	AM
410	Wireless detector #10	704	DM
411	Wireless detector #11	705	MO
412	Wireless detector #12	706	ME
413	Wireless detector #13	710	PGON
414	Wireless detector #14	711	PGOFF

A complete list of all texts is in the control panel installation manual

11. 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



12. Keypad operation

Entry	Function
user code	Arming / Disarming
F1 /	Arming without code
F2 /	Partial arming
F3 /	Door lock opening
F4	Memory reading
F5	New master code (example: F5 1234 2789 2789)
F6	User code 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

13. Specifications

Power	230 VAC, max 0.1 A, supervised, class II
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),
Self consumption of the control panel is	30 mA; JA-60E 25 mA
Hard-wired inputs	4 input zones, selectable triggering:
Wireless zones	16 zones (2 detectors can be enrolled to each max. 8 (JA-60F, RC-22, RC-44)
Wireless controllers	max. 8 (JA-60F, RC-22, RC-44)
Access codes	master code and 14 user codes.
Wired outputs	Alarm relay dry contacts 1A/60V;
Programmable outputs	PgX , PgY connect to the GND max. 0,1 A
Siren output	12 V, 0.7 A
Events memory	127 most recent events
Working frequency*433.92 MHz; digital hopping code; supervised communication	EN 50131-1, EN 50131-6
Comply with	2 (low to medium risk)
Security grade	II indoor – general (-10 to 40oC)
Environmental class	Safety EN 60950, class II
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-63 Profi 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, 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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