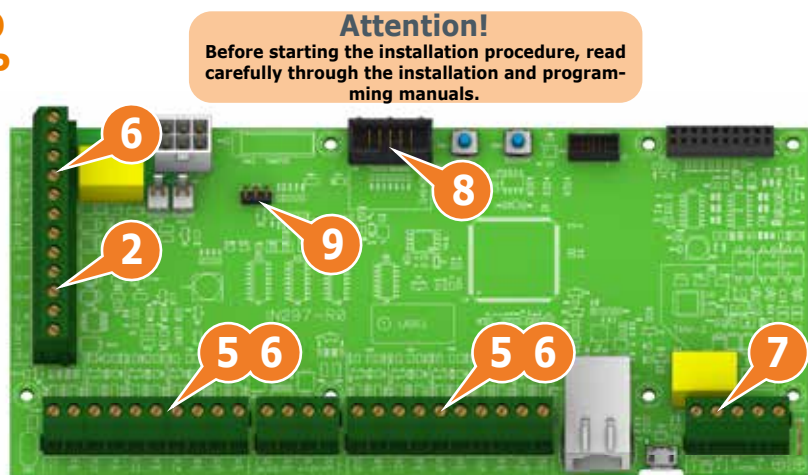


QUICK GUIDE TO FIRST POWER UP

- 1 Mount the control panel to the wall
- 2 Connect the peripherals to the BUS
- 3 Connect the BUS wires to the control panel
- 4 Complete the wiring and balancing of the system detectors
- 5 Connect the detectors to the terminals
- 6 Connect the outputs to the control panel and peripheral terminals
- 7 Connect the control panel to the telephone line
- 8 Insert the Smart-Logos30M to the motherboard (PCB)
- 9 Insert the maintenance jumper in the "SERV" position
- 10 Connect the primary power source (230V~ ±10%, 50/60Hz)
- 11 Connect the buffer battery and the thermal probe
- 12 Set the addresses of the peripherals
- 13 Starts the auto-enrolling of the peripherals
- 14 Acquire automatically the zone balancing via the installer menu
- 15 Specify the expansion terminals simulated by the Air2-BS200 as "Wireless"
- 16 Edit the voice and digital dialer contact numbers
- 17 Insert the maintenance jumper in the "RUN" position



Terminal	icon/identifier	Function
1-2-3	NO NC COM	Voltage-free contacts of the relay output
4	+OC	13.8V~ 350mA ancillary power supply
5-6	OC1 OC2	Open-collector output
7-8-9-10	+ D S -	I-BUS connections
11-23	AUX1 AUX2	13.8V~ output terminals
25	AUX3	13.8V~ ancillary power supply
12-14-16-18-20-22-24-26-28-30-32-34-36		Power supply negative (earth or GND)
13-15-17-19-21-27-29-31-33-35	T1-T2-T3-T4-T5-T6-T7-T8-T9-T10	Control panel input/output terminals
37-38		Internal telephone-line connection
39-40	PSTN	Land-line connection (PSTN)
/		Earth connection

Expansions and transceivers address	Red	Blue	Green	Yellow	nBy/S Air2-BS200	nBy/X
1	0	0	0	1	0000	0
2	0	0	0	0	0000	1
3	0	0	1	1	0001	2
4	0	1	1	0	0010	3
5	0	1	0	1	0011	4
6	0	1	0	0	0010	5
7	0	1	1	1	0011	6
8	1	0	1	0	0100	7
9	1	0	0	1	0101	8
10	1	0	0	0	0100	9
11	1	0	1	1	0101	10
12	1	1	1	0	0110	11
13	1	1	1	1	0111	12
14	1	1	1	0	0110	13
15	1	1	1	1	0111	14
16	0	0	0	L	0000	15
17	0	0	L	0	0000	16
18	0	0	L	L	0000	17
19	0	L	0	0	0000	18
20	0	L	0	L	0000	19
21	0	L	L	0	0000	20
22	0	L	L	L	0000	21
23	L	0	0	0	0000	22
24	L	0	0	L	0000	23
25	L	0	L	0	0000	24
26	L	0	L	L	0000	25
27	L	L	0	0	0000	26
28	L	L	0	L	0000	27
29	L	L	L	0	0000	28
30	L	L	L	L	0000	29

12 Addressing the peripherals

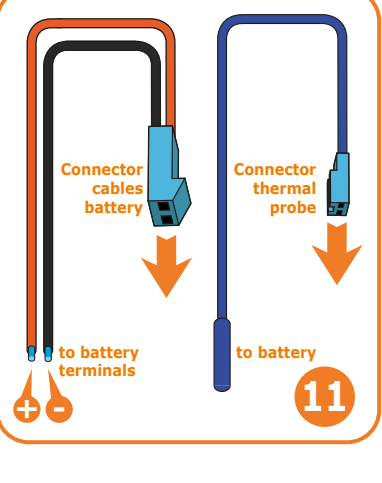
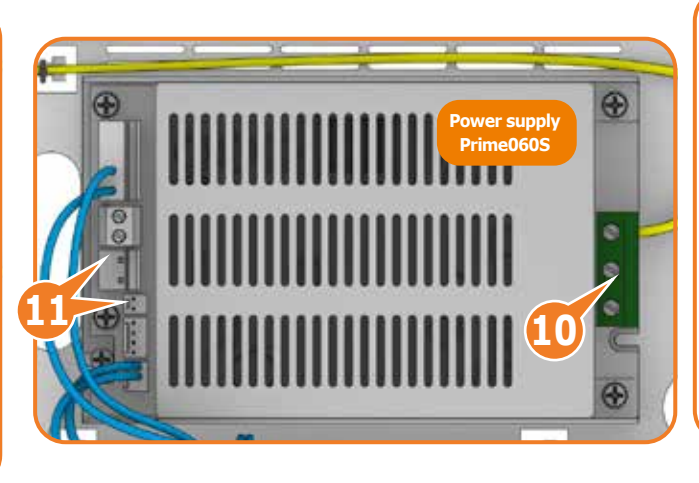
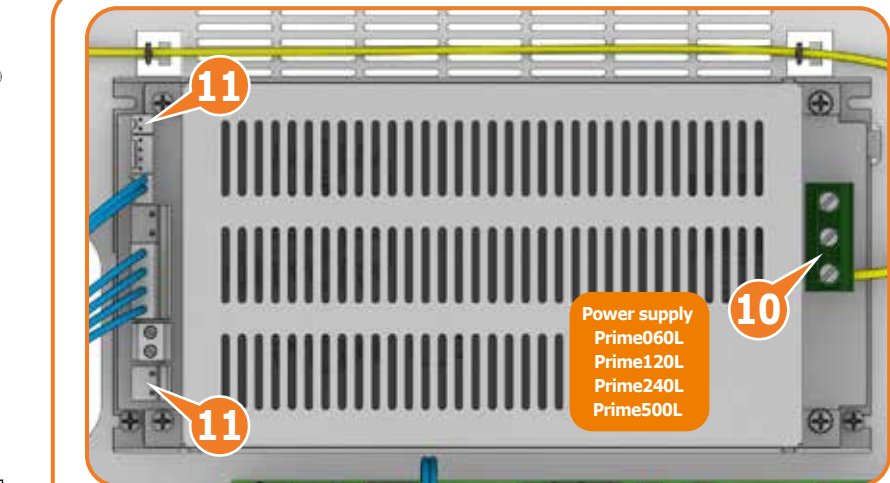
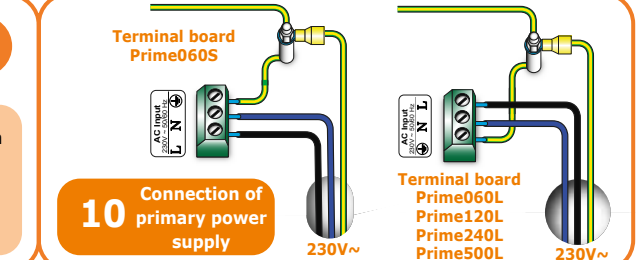
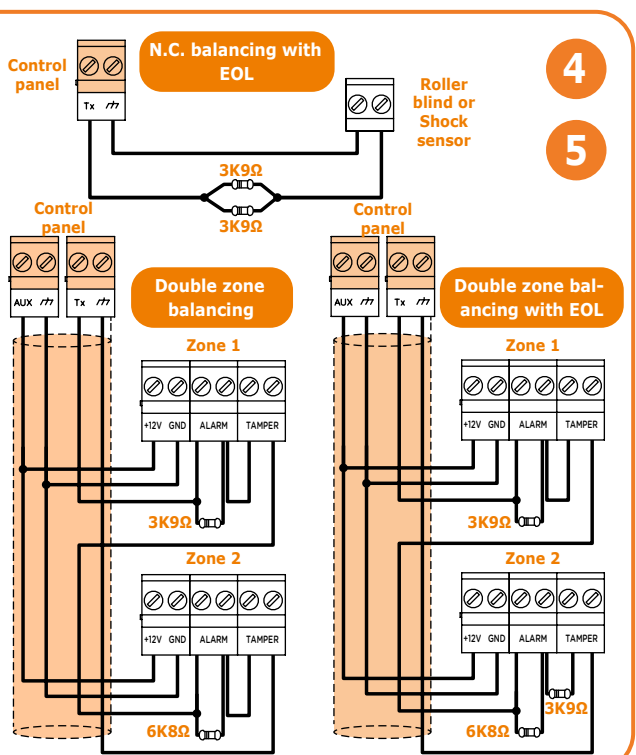
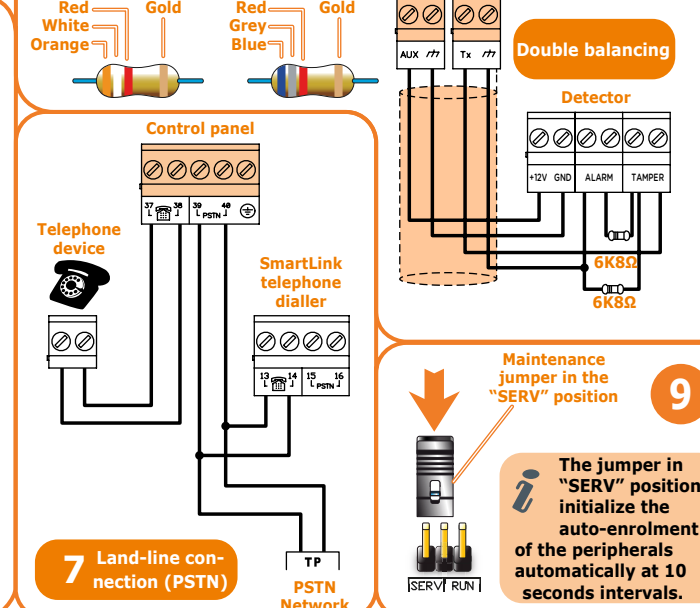
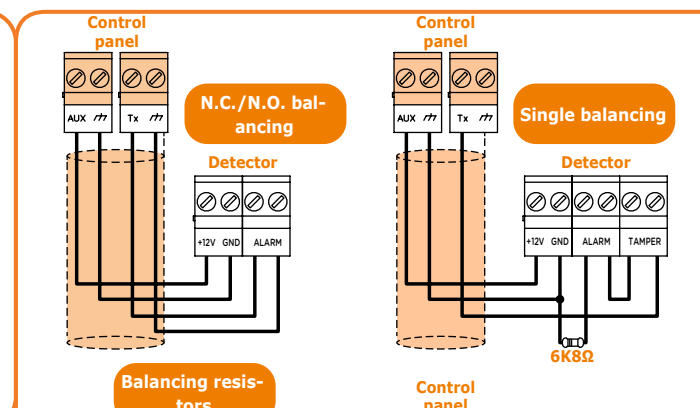
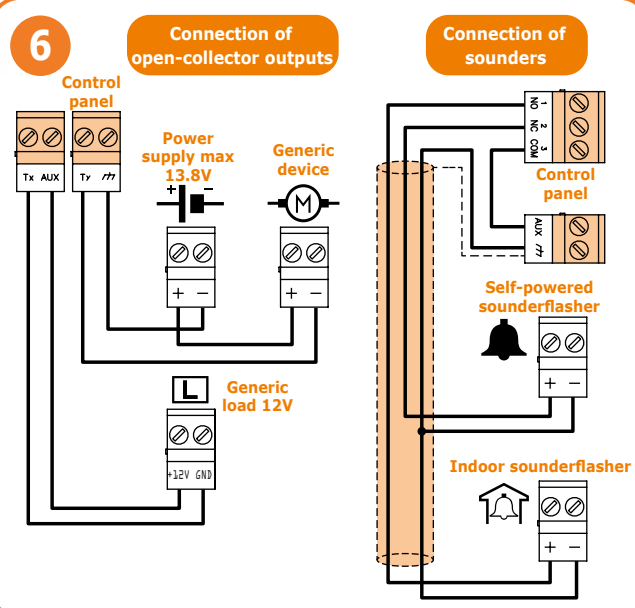
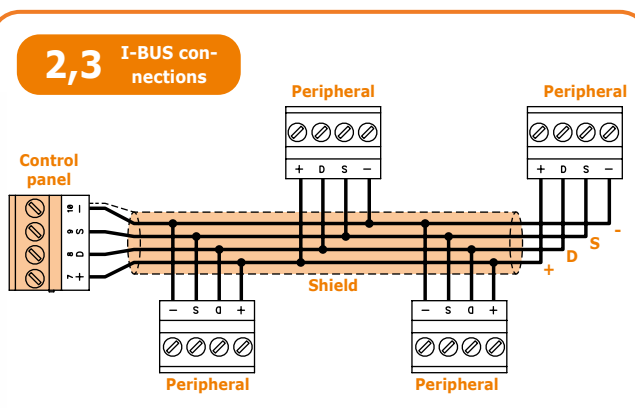
keypad address s

Min. 0 1
Max. 3 0

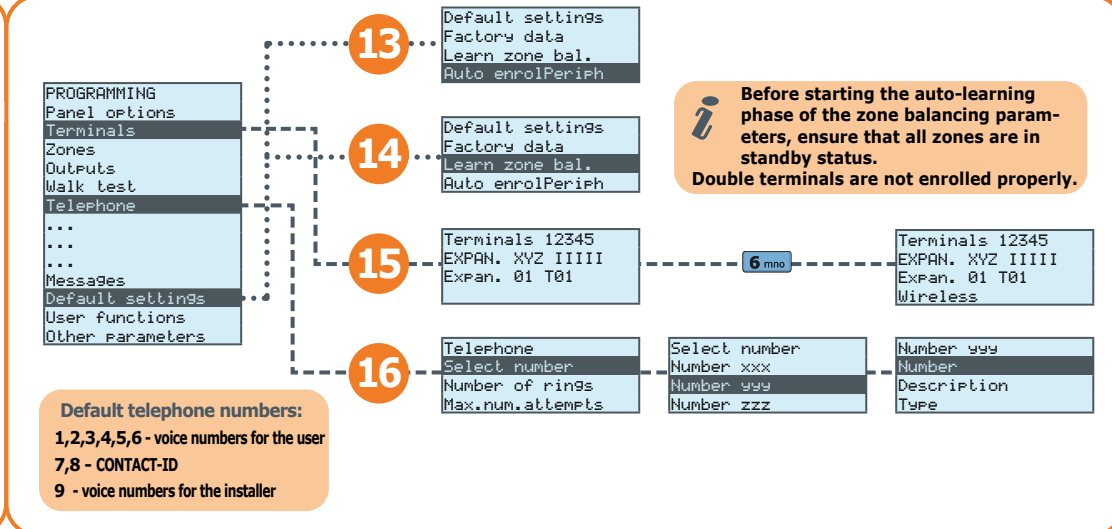
Press together and release

During the addressing phase, do not exceed the maximum number of addresses available for the control panel model you are installing. For the readers addressing, use keypad "1".

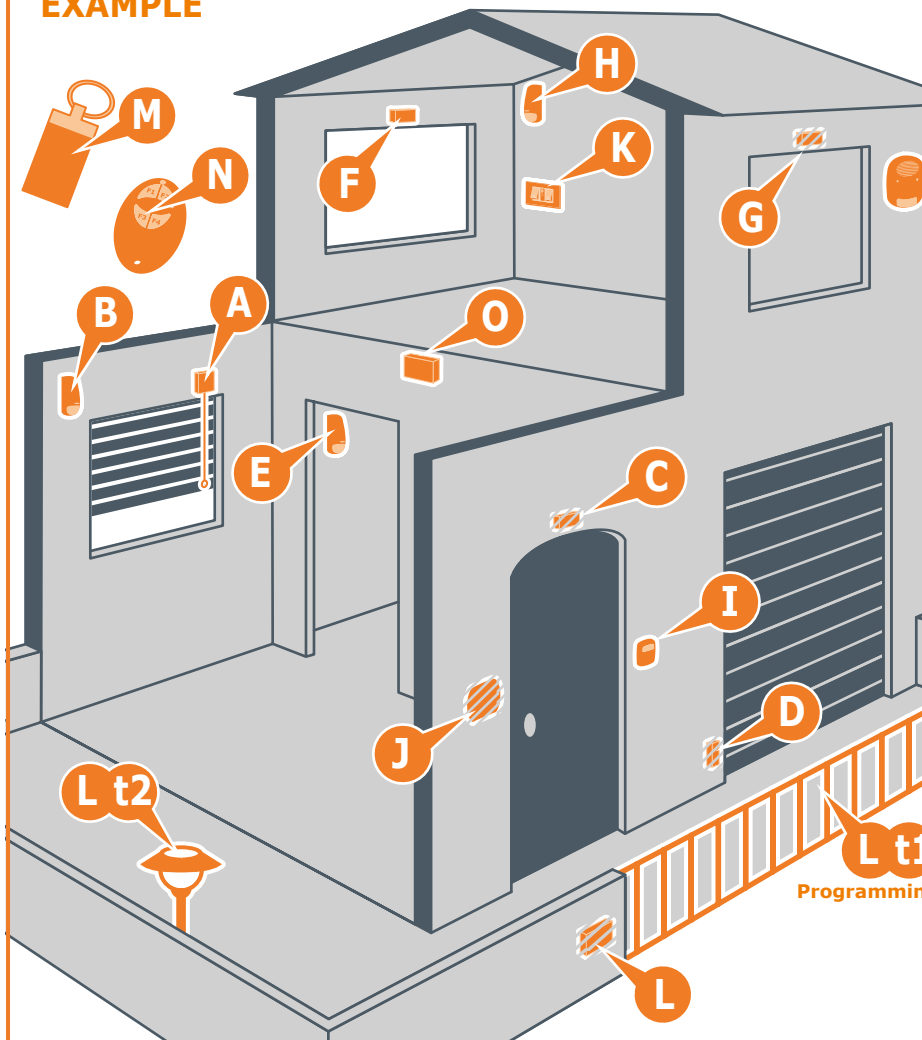
LED Off	0	○
LED On	1	●
Flashing LED	L	⊗



12, 13 Download manuals



PROGRAMMING VIA KEYPAD EXAMPLE



This example describes the installation of a Prime system in a residential building. Ideally this procedure directly follows the instructions for the first startup of the system

Start programming

Type-in Code (Installer), PROGRAMMING

Programming partitions

Change the descriptions of the partitions:

- Partition 1 - "Ground floor"
- Partition 2 - "First floor"

PROGRAMMING Partitions, "Partition 00x", Description

Programming zones

Program the zones (all connected to the control panel):

PROGRAMMING Terminals, select the terminal concerned
or

PROGRAMMING Zones, select the zone associated with the terminal concerned

	Description	Partition	Zone type	Option	Balancing	detector type
A	Roller blind detector	Ground floor	Instant	None	Normally closed	Roller blind
B	Motion detector	Ground floor	Delayed	Interior	Normally closed	Generic zone
C	Magnetic sensor	Ground floor	Delayed	None	Normally closed	Generic zone
D	Magnetic sensor	Ground floor	Instant	None	Normally closed	Generic zone
E	Motion detector	Ground floor	Instant	None	Normally closed	Generic zone
F	Motion detector	First floor	Instant	None	Normally closed	Generic zone
G	Motion detector	First floor	Instant	None	Normally closed	Generic zone
H	Motion detector	First floor	Instant	None	Normally closed	Generic zone

Programming scenarios

Add a third partial arming scenario (Stay mode) to the default scenarios (Scenario 1 "Away mode" and Scenario 2 "Disarm") of both partitions.

PROGRAMMING Arming scenarios, "SCENARIO 003", Partitions, "Partition", Stay

Programming readers

Associate the "Ground floor" and "First floor" partitions with the readers, and scenario 3 Stay mode (arm partially) to the default scenarios:

PROGRAMMING Readers, ChoosePeripheral, "READER 00x", Partitions

In this section you can enable the "Ground floor" and "First floor" partitions.

PROGRAMMING Readers, ChoosePeripheral, "READER 00x", Shortcut

In this section you can select the shortcut associated with the red and blue LEDs by first selecting the "Arm/disarm" type then the scenario to associate with the LED.

	Description	Partitions	Red LED shortcut	Blue LED shortcut
I	Reader entrance door	Ground floor First floor	Default	Default
J	Keypad (built-in reader)	Ground floor First floor	Default	Execute "Scenario 3" arming mode
K	Reader bedroom	Ground floor First floor	Execute "Scenario 3" arming mode	Default

Programming keypad

Associate the keypad with the "Ground floor" and "First floor" partitions.

PROGRAMMING Keypads, ChoosePeripheral, KEYP. 001", Partitions

In this section you can enable the "Ground floor" and "First floor" partitions.

Programming expansions

To program the devices connected to the expansion terminals:

PROGRAMMING Terminals, select the terminal concerned

Press the **2abc** button to configure the terminal as an output. Press **OK** to access the programming menu.

	Terminal	Description	Type	Output options	Monostable time
L	1	Cancel	Output	Monostable	30 seconds
	2	Garden lights	Output	Monostable Switch	60 minutes

Programming keys

Associate the keys ([M] and [N]) with the "Ground floor" and "First floor" partitions:

PROGRAMMING Keys, Change key, "Key 00x", Partitions

In this section you can enable the "Ground floor" and "First floor" partitions.

Enroll the keys, using one of the proximity readers and/or a keypad.

PROGRAMMING Keys, Enroll, "Reader 00x", "Key 00x"

Hold the key in the vicinity of the reader and then move it away. The keypad you are working on will emit a beep to confirm that the key has been enrolled.

Programming wireless keyfobs

Associate the shortcuts for the arm/disarm commands and control of expansion outputs to the keyfob command buttons [N]:

PROGRAMMING Keys, Change key, "Key 00x", Partitions

This section will allow you to associate the shortcuts that are not default shortcuts, specifically "Activate output" shortcuts, to buttons **F3** and **F4** then select the respective outputs on the expansion.

	Button	Shortcut	Parameter	Default
N	F1	Arm/Disarm	Scenario 1 "Away"	Yes
	F2	Arm/Disarm	Scenario 2 "Disarm"	Yes
	F3	Activate output	Cancel	No
	F4	Activate output	Garden lights	No

Enroll the wireless keyfob via the simulated reader of the transceiver ([O]), identified on the keypad by the letter "W").

PROGRAMMING Keys, Enroll, "READER 00x W", "Key 00x"

At this point you have 3 minutes to enroll the wireless keyfob by pressing simultaneously buttons **F3** and **F4**.

The positive outcome of the operation will be signalled by 3 blinks on the green LED of the wireless keyfob and a long audible signal on the buzzer.

Closing the programming session

Close the programming session after saving the modified data.

Press the **Esc** several times until the following message appears on the display:

EXIT? OK = YES

On pressing **OK** you will automatically exit the programming session, save the programmed data and reboot of the control panel.

FIRST OPERATIONAL TEST

A procedure is provided for an operational test on the Prime system after installation. The test consists in the violation of a "Delayed" type zone.

This procedure must be carried out only after the complete installation of the Prime control panel and of all the components that make up the entire installation. To do this it is advisable to follow the instructions provided in the quick guide to first power up.

1. Make sure all partitions are in stand-by status. This status is signalled on the blue LED on the keypad when is ON solid.
2. Enter the control panel programming phase and program the partition you intend to violate.

Type in Code (Installer), PROGRAMMING Terminals, select the terminal concerned

or

Type-in Code (Installer), PROGRAMMING Zones, select the zone associated with the terminal concerned

Once the section has been accessed, set the "Type" as "Delayed".

3. Set up the telephone dialer to provide voice signalling of violation.

Type in Code (Installer), PROGRAMMING Telephone, Number selected, "NUMERO 001"

Once in this section it is necessary to enter the number to call and set the "Type" as "Voice".

4. Exit the programming phase and carry out an Away Arming operation.

If the default programming has not been changed, it can be carried out as follows:



Activate the "Arm/Disarm" shortcut (shortcut no. 1) associated with the **F1** button shown on the display.

5. Wait until the "Exit Time" expires (30 seconds by default).

The keypads will emit a series of pulses (3 pulses + 5-second pause, 4 short pulses + 5-second pause during the last 20 seconds of the exit time).

6. Violate the programmed zone.

Test Entry time

7. Being a "Delayed" type zone, the "Entry Time" will begin (30 seconds by default).

The keypads will emit a series of pulses (8 pulses + 5 second pause).

Test alarm signalling



8. If the arming scenario is still active when the entry time expires, alarm signalling will trigger:

- The visual and audible alarm signals will activate
- The red LED on the keypad will blink rapidly

Dialer Test

9. The control panel will carry out signalling by means of a voice call to the programmed number.

10. Perform a disarm partitions operation. This operation also stops any alarms.

If the default programming has not been changed, it can be carried out as described below, following entry of the user code:

Activate the shortcut associated with **F2** button shown on the display. The shortcut will carry out a "Disarm" operation.



11. Delete alarm memories.

If the default programming has not been changed, it can be carried out as described below, following entry of the user code:

Activate the "Delete memory" shortcut (shortcut no. 4) associated with the **F4** button shown on the display.



12. Performing all the phases described above on a regular basis without problems is sufficient to confirm proper functioning and correct basic programming of the control panel.

DEFAULT PROGRAMMING

Keypads

- keypad "1" enabled
- all keypads belong to partition 1
- 12 programmed shortcuts: Execute Arming Scenario 1 - Execute Arming Scenario 2 - Delete telephone calls - Delete memory - Zone activation menu (bypasses) - View alarm log - View faults - Time/date setting - Voice function menu - Intercom call - Thermostat menu - Keypad settings menu
- all thermostats enabled on all keypads

nBy Readers

- belong to partition 1
- shortcut programmed on the red LED: Execute Arming Scenario 1

Partitions

- entry time and exit time 30 seconds
- Autoreset memories on arming
- clear call queue on disarming

Terminals

- terminals on control panel: inputs
- terminals on expansion boards: inputs
- terminals on keypads: unused

Zones

- belong to partition 1
- have N.C. balancing (normally closed)
- zones T1 and T2 on the control panel are delayed; all other zones are instant
- unlimited alarm cycles (repetitive)

Outputs

- the relay output is monostable, normally closes, monostable time at 3 minutes
- the relay output is of "intrusion" type
- all the other outputs are of "generic" type

Virtual terminals

- all virtual terminals are input / output, "automation" type and associated with partition 1

Expansions

- all the expansions have the tamper enabled

Scenarios

- scenario 1: Away arm partition 1
- scenario 2: Disarm partition 1

Codes

- user code 1 belongs to all partitions
- all other codes do not belong to any partition
- only Code 1 is "Master" user
- enabled on all sections of the user menu
- 8 programmed shortcuts (keys F1-F4): Clear call queue - Activation Output 2 - Deactivation Output 2 - View zone status - View system status - Enable answerphone - Enable Teleservice - Teleservice request
- 6 programmed shortcuts (keys 1 to 6): Listen-in - Execute Scenario 1 - Execute Scenario 2 - Stop alarms - Activate Output 2 - Deactivate Output 2
- voice guide enabled
- all terminals configured as "output" or "I/O" are associated with all codes

Keys

- belong to partition 1
- Maintenance option enabled

Telephone

- contact numbers 1 to 6 in the phone book have the voice attribute (user)
- contact numbers 7 and 8 in the phone book are for alarm receiving centres CONTACT-ID
- contact number 9 in the phone book has the voice attribute (for the installer)
- contact number 15 is for teleservice

Zone alarm/tamper events

- relay output activated
- "Other outputs / Sounder/flasher 1" activated
- on activation of the event, calls contact numbers 1 to 8
- on restoral of the event, calls contact numbers 7 to 8

Zone bypass events

- calls to contact numbers 7 and 8

Partition Arming/Disarming events

- calls to contact numbers 7 and 8

Partition Arming/Disarming events

- calls to contact numbers 7 and 8

Emergency button (Panic) events

- on activation of the event, calls contact numbers 1 to 8

Open-panel/Panel dislodgement events and tamper on peripheral events

- relay output activated
- "Other outputs / Sounder/flasher 1" activated
- on activation of the event, calls contact numbers 1 to 8
- on restoral of the event, calls contact numbers 7 to 8

Blown fuse, A.C. mains failure, peripheral loss and low battery events

- activated Output 1
- calls to contact number 9 (voice call to installer)

Sounder/flashers

- causes shutdown on the sounder and the flasher, reset memories on partition (Partition 1)