Mhouse - Alarm system

mhouse

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1

Simplified operating procedure (Attention: these instructions do not replace in any way the user manual which must be read before installing the system)

For any doubt concerning the installation, please call the telephone help line number printed on the package

First of all open all the devices (keypad, control unit, MAD1, MAD2...) and take out the batteries

01. Insert the memory card in the keypad. (The card is attached to the instructions
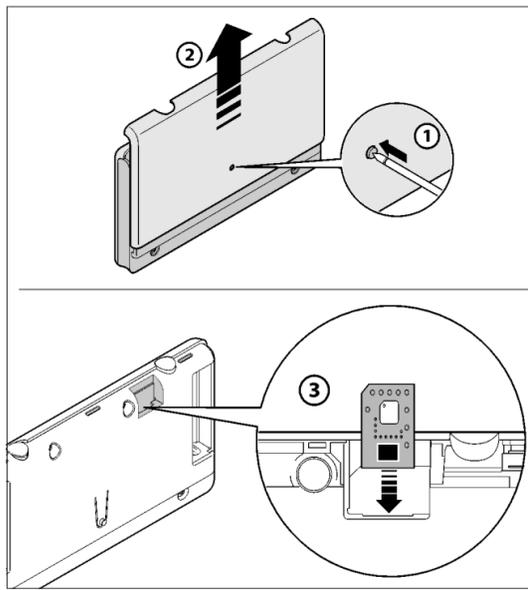
02. Insert the SIM card in the control unit (not included in the kit). In this way telephone calls can be made and text messages can be sent without a telephone line or in addition to one

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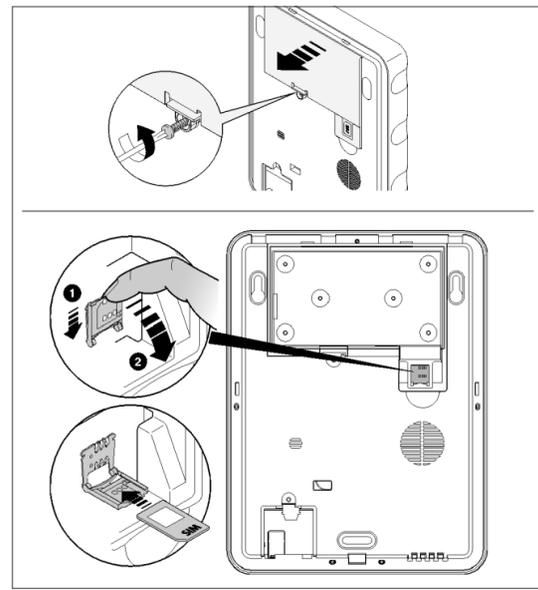
2

Prepare a diagram of the premises (example **fig. 1**) to be protected, dividing them into maximum 3 zones (**figs. 2** and **3**) and associate the required detectors to each zone. The zoning alarm option makes it possible to enable the zones totally or in part, which makes it possible to differentiate the area to be protected. The alarm can be programmed for the following types of protection: **perimeter** or **by zones**

• **Perimeter**: it is possible to move freely inside the home with anti-intrusion perimeter protection

Example
ZONE A:
Volumetric detectors to detect the presence of an intruder near doors and windows (MAD3)
ZONE B:
Opening detector for doors and windows (MAD1)
ZONE C:
Indoor volumetric detectors (MAD2)

• **By zones**: allows enabling detectors by zones and alarming only the garage and ground floor at night
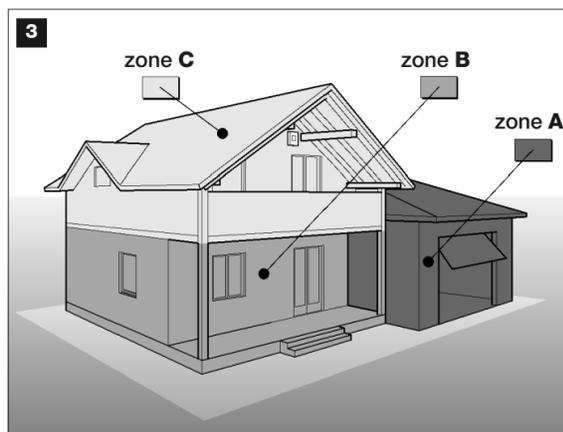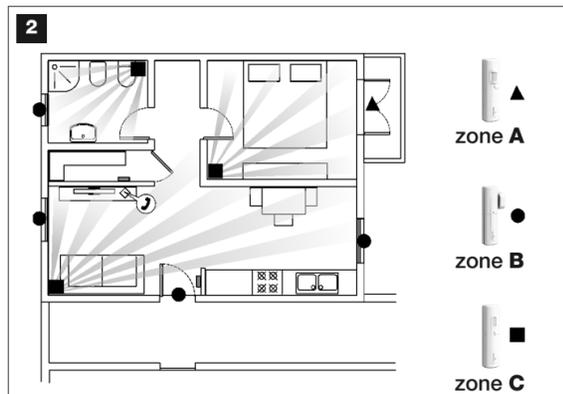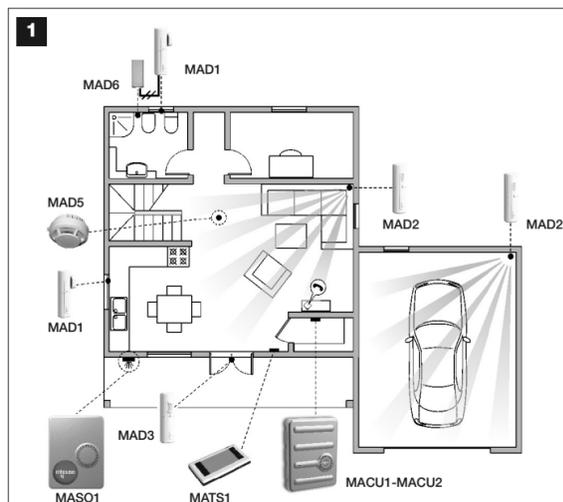
Example
ZONE A:
Garage detectors
ZONE B:
Ground floor detectors
ZONE C:
Indoor volumetric detectors

3

01. Insert the batteries in the control unit (1 beep confirms that the control unit is powered). In the minute that follows insert the batteries in the touchscreen keypad.

02. Enter a numerical code of at least 4 digits (**ADMINISTRATOR CODE**: _ _ _ _ _ _ _ _ to be kept in a safe place) and press **OK** to confirm.
This code can be used to programme the alarm but not to enable and disable it

03. Enter a user code of at least 4 digits (**USER CODE**: _ _ _ _ _ _ _ _) and press **OK** to confirm.
This code can be used to access some of the alarm settings and enable and disable it

04. Set the parameters of the **switches** of all the MAD1 and MAD2 detectors according to the functions required (remove the battery before setting the parameters).

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4 MAD1 (Door/Window open detector)

Dip Switch:	Programming	Description
1	OFF	It does not signal the status of the door sensors when activated
1	ON	It signals that the door is open when activated
2	OFF	No wired device connected
2	ON	Wired device connected
3	OFF	Immediate alarm on the first pulse of the wired device (if connected)
3	ON	Alarm activated after 6 pulses of the wired device (if connected)
4	OFF	Sensor tamper function: disabled
4	ON	Sensor tamper function: enabled
5	OFF	Sensor removal function: enabled
5	ON	Sensor removal function: disabled
6	OFF	Factory setting - do not change

▪ The grey colour indicates factory settings.

switch 1
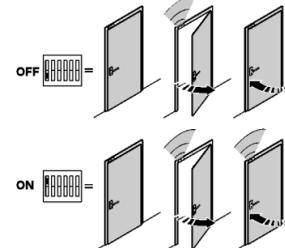
switch 2
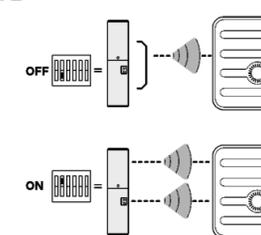
switch 3

switch 4

switch 5

5 — MAD2 (Infrared detector with volumetric lens)

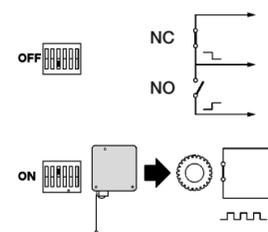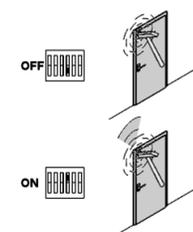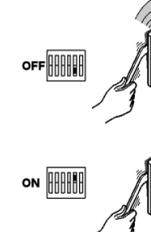| Dip Switch:	Programming	Description
1	OFF	Sensitivity range: approx. 5 m
1	ON	Sensitivity range: approx. 10 m
2	OFF	No wired device connected
2	ON	Wired device connected
3	OFF	Immediate alarm on the first pulse of the wired device (if connected)
3	ON	Alarm activated after 6 pulses of the wired device (if connected)
4	OFF	Detection sensitivity: high
4	ON	Detection sensitivity: low
5	OFF	Sensor removal function: enabled
5	ON	Sensor removal function: disabled
6	OFF	Factory setting - do not change

The grey colour indicates factory settings.

You can now start browsing the menu of the touchscreen keypad.

switch 1

switch 2

switch 3   NC

switch 4

switch 5

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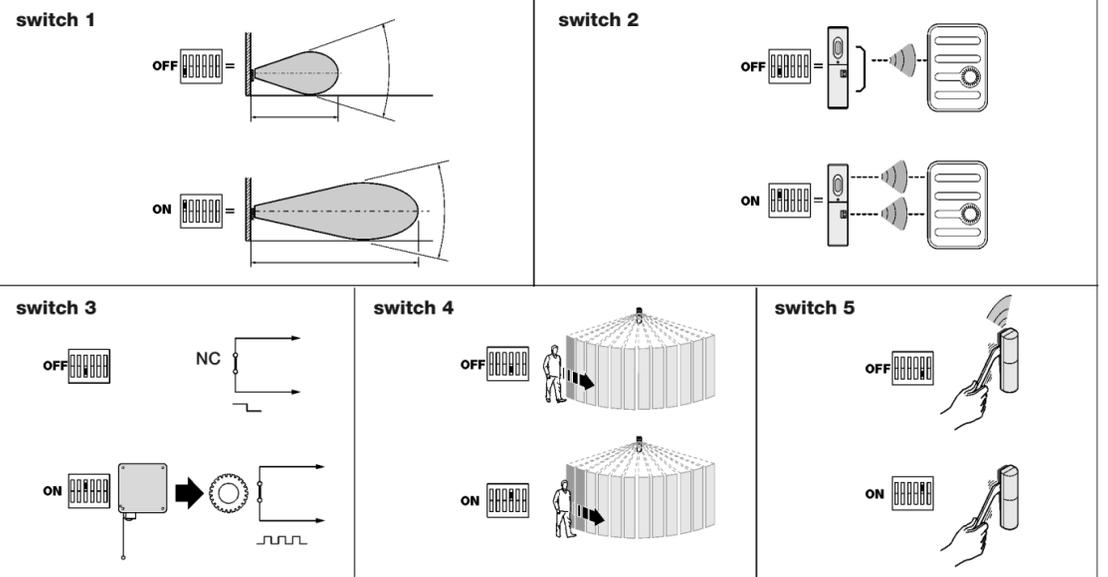
6 — MEMORISING THE ACCESSORIES IN THE CONTROL UNIT

The alarm does not need to be fully programmed to be used.

Select the **ALARM** icon 🏠 on the keypad, scroll using the small arrow ❯ , select **MENU** 🔧 , enter the Administrator Code, press **OK** to confirm and select **DEVICES**.

Now you can start programming the following:

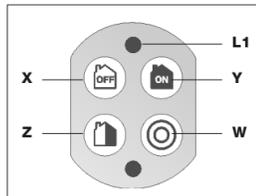### • Access codes (up to 20 codes can be memorised)
01. Select **ACCESS CODES**, choose the code number and select **ADD**. Then complete the various parameters.
02. Enable: Select the areas to be enabled with this code (e.g.: Zones A and B)
03. Disable: Select the areas to be disabled with this same code (we recommend enabling and disabling the same areas with the same code)
04. Anti-duress: It automatically dials the telephone numbers foreseen for the "**emergency event**" call
05. Name: This can be used to associate a user name to these codes (e.g.: Marc), then follow the voice instructions.

• Remote controls (up to 20 remote controls can be memorised)
01. Select **REMOTE CONTROLS**, choose the remote control number and select **ADD**. Then complete the various parameters.
02. Enable: Select the areas to be enabled with this remote control (e.g.: Zones A and B)
03. Disable: Select the areas to be disabled with this same remote control (we recommend enabling and disabling the same areas with the same remote control)
04. Name: This can be used to associate a user name to this remote control (e.g.: Marc), then follow the voice instructions.

The default functions of the transmitter are
X: Total disabling
Y: Total enabling
Z: Partial enabling of zones A + B
W: Deterrence

X   OFF   Y   L1   ON   Z   W

• Electronic proximity keys (up to 32 keys can be memorised)
01. Select **KEYS**, choose the number of the key to be programmed and select **ADD**. Then complete the various parameters.
02. Enable: Select the areas to be enabled with this key (e.g.: Zones A and B)
03. Disable: Select the areas to be disabled with this same key (we recommend enabling and disabling the same areas with the same key)
04. Name: This can be used to associate a user name to this key (e.g.: Marc), then follow the voice instructions. (The key must be brought near the lower left corner of the touchscreen keypad).

• Opening detector MAD1 and volumetric detector MAD2
01. Select **ALARM ZONE A** to program the detectors in this zone according to the predetermined pattern and select the number of the sensor (e.g.: A01)
02. Select **ADD 1 DETECTOR** or **ADD 2 DETECTORS**.
This last function reduces false alarms caused by infrared volumetric detectors in particular situations. To activate the function the 2 detectors must be in the same room and positioned one in front of the other. When this function is active the control unit activates the alarm only if it receives the signal from the detectors with a maximum interval of 30s between each signal. Then complete the various parameters.
03. Delay of the alarm after detection (0 seconds corresponds to an immediate alarm)
04. Name: Write the name to be associated to the detector (e.g.: Kitchen)
05. Press **OK** to **Confirm** and then follow the voice instructions.
06. Select the detector to be used to cover this zone (for example MAD2)
07. Repeat this procedure to set the parameters of all the sensors in all the zones.

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7 — PROGRAMMING VOICE AND TEXT MESSAGES

This procedure enables the recording of messages and text messages to be sent to the numbers in the contact list

After having programmed the devices return to the main menu and select **MESSAGES** and then **VOICE MESSAGES**, then **Voice MSG 1** and enter the following parameters:
- **EVENT**: Select the event that causes the message to be sent
- **VOICE MESSAGE**: Record the message that will be sent by the control unit when the event occurs.

Up to 6 text messages can be recorded (**Attention:** only by means of a GSM line).

Return to the main menu and select **MESSAGES** and then **TEXT MESSAGES**, then **TXT 1** and enter the following parameters:
- **EVENT**: Select the event that causes the message to be sent
- **TEXT**: Write the message that will be sent by the control unit when the event occurs (maximum 20 characters).

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8 — CONTACT LIST PROGRAMMING

This procedure enables the memorisation of the telephone numbers of the people to which the voice and text messages previously programmed must be sent

Select **CONTACT LIST** from the main menu, select the position (position 1, position 2...) of the number, which establishes the order of the calls, select **ADD** and enter the following parameters:

NAME: Name of the person to be contacted

NUMBER: Telephone number of the person to be contacted

VOICE MSG: List of voice messages to be sent to this number

TXT: List of text messages to be sent to this number

TECH TXT: Select **YES** to receive all technical text messages (see TABLE 3 in the instructions).

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9 — ADJUSTING THE PARAMETERS

Certain parameters can be adjusted: exit time, automatic activation, date, time... and above all the line priority

Return to the main menu, select **SETTINGS**, **LINE PRIORITY**, and then select the priority telephone line that the control unit must use in case of alarm.