

PROFESSIONAL CATALOGUE
ESPACE ALARM
CONTROL PANELS



312-21W 3-GROUP CONTROL PANEL-SIREN SAND COLOUR



The control panel manages and supervises the alarm system. It also has a powerful built-in siren. A telephone dialler and remote control module can be added to it.



FEATURES

◆ System capacity

Control panel 312-21 supervises up to 20 detectors, 10 control units, 10 alarm sirens, 4 hardwired control interface remote keypads and 10 remote switched relay outputs receivers or radio repeater relays (5 relays maximum).

◆ Supervision of system devices

The control panel continuously checks the status of:

- entrances protected by a magnetic contact,
- batteries,
- radio links,
- anti-tamper system,
- telephone line (if telephone dialler module installed).

◆ Multi-protection control panel providing:

- protection against intrusion,
- protection against personal attack,
- protection against fire hazards and domestic hazards.

◆ Management of 3 separate intrusion protection groups

- independent arming and disarming of each group.
- Selective triggering and disarming of alarm sirens depending on groups.
- One main group can be armed or disarmed according to the status of its associated groups (pre-defined).

◆ Different access codes

To be used on control panel keypad or on the hardwired control interface remote keypads.

• 2 specific installer codes:

- 1 engineer installer code providing access to

installation mode and remote maintenance over the telephone.

- 1 uploading/downloading code for access to uploading/downloading operations.

• 17 user codes for different access levels:

- 1 master code for the main user to use the system and access test mode, remote control and user code control.
- 16 user codes for other users providing restricted and/or temporary access to certain system functions. The user codes are enabled or disabled using the master code.

◆ Speech synthesis function

The voice messages issued by the control panel make easier the system installation and use.

- Voice confirmation of all system programming and installation operations.
- Indication of intrusion protection arming and disarming commands.
- Indication of faults stored in the log when a system arm or disarm command is given.
- Indication of alarms stored in the log (occurring since the last time the system was armed) when a system disarm command is given.

◆ Identification of system devices

- All system devices are individually identified by the control panel. During programming, the control panel automatically indicates the type of device programmed and gives it a number in chronological order.

Example: "Detector 12".

- To make it even easier to locate detectors a personalised voice message, recorded by the user, can also be added. Example: "Detector 12 living room".

FEATURES (continued)

◆ Possibility of adding a telephone dialler module to the control panel (optional)

◆ 2 programmable relay outputs

The relay outputs can be used to connect for example:

- additional alarm sirens,
- a Daitem GSM telephone dialler.

Activation of each output can be programmed according to the events occurring.

◆ 3 operating modes

- Installation mode: for the installer, accessible using a specific code.
- Test mode: for the main user to test system triggering, accessible using the master code.
- User mode: for using the system without modifying its configuration.

◆ System configuration and maintenance

• Locally using the control panel programming keypad.

• Via uploading/downloading using Transload software (see page 18)

This provides the installer with access to the system (following user authorisation):

- on the site, by connecting a laptop PC to the control panel,
- remotely, via the PSTN telephone network**.

• Remotely over the telephone**

This provides the installer with remote access to the system (following user authorisation), using the telephone handset keypad.

◆ Customisation of control panel keypad keys

Using plastic-coated adhesive labels, depending on the operating mode chosen during installation.

◆ Battery self-test

The control panel continuously checks the state of its battery. If it is low, a response is triggered so that maintenance can be programmed.

◆ Anti-tamper system

The control panel has an anti-tamper system protecting it against opening, removal (rear wall tamper) and radio jamming.

◆ Battery life

The control panel battery life is in excess of 5 years in the following conditions of use:

- 4 arming and 4 disarming commands a day,
- 5 intrusion alarms triggered a year (90 sec. siren sounding),
- 1 fire alarm triggered a year (5 min. siren sounding),
- 1 cycle call a day to a remote central station monitoring company (transmission of arming/disarming commands inactive),
- 10 instances of remote access over the telephone a year (including uploading/downloading operations)**,
- 5 calls a day switched to another device sharing the same telephone line**.

TECHNICAL DATA

◆ Built-in control and programming remote keypad.

◆ Speech synthesis function.

◆ Built-in siren with acoustic level of 108 dBA at 1 metre.

◆ 2 programmable relay outputs.

◆ 1 telephone line incoming/outgoing connector.

◆ 1 input/output for hardwired control interface remote keypads.

◆ 1 RS232 input/output to connect laptop PC for local uploading/downloading.

◆ Log of last 500 date and time-stamped events.

◆ Removable S.I.T.E. NVM stick.

◆ TwinBand®, radio transmitter/receiver.

◆ TwinPower®, lithium battery pack: 2 x 3.6 V-13 Ah batteries.

◆ Degrees of protection: IP 31/IK 07.

◆ Dimensions: 330 x 245 x 68 mm.

◆ Weight: 2 kg (with battery).

◆ Operating temperature: -5°C to + 55°C.

◆ For use indoors.

** If the control panel has a telephone dialler module.

8-GROUP CONTROL PANEL-SIREN-TELEPHONE DIALLER

371-21W GREY/SILVER COLOUR
372-21W SAND COLOUR



The control panel-siren-telephone dialler is the alarm system's main management and supervision component. It has a powerful siren as well as a telephone dialler and remote control module. It is ideal for protecting professional premises.



FEATURES

◆ System capacity

Control panel 371-21 or 372-21 supervises up to 80 detectors, 10 control units, 10 alarm sirens, 4 hardwired control interface remote keypads and 10 remote switched relay outputs receivers or radio repeater relays (5 relays maximum).

◆ Supervision of system devices

The control panel continuously checks the status of:

- entrances protected by a magnetic contact,
- batteries,
- radio links,
- anti-tamper system,
- telephone line (if telephone dialler module installed).

◆ Multi-protection control panel providing:

- protection against intrusion,
- protection against personal attack,
- protection against fire hazards and domestic hazards.

◆ Management of 8 separate intrusion protection groups

- Independent arming and disarming of each group (arming and disarming of groups 4 to 8 only possible using control panel keypad or hardwired control interface remote keypads).

- Selective triggering and disarming of alarm sirens depending on groups.

- One main group can be armed or disarmed according to the status of its associated groups (pre-defined).

◆ Different access codes

To be used on control panel keypad or on the hardwired control interface remote keypads.

• 2 specific installer codes:

- 1 engineer installer code providing access to installation mode and remote maintenance over the telephone.
- 1 uploading/downloading code for access to uploading/downloading operations.

• 33 user codes for different access levels

- 1 master code for the main user to use the system and access test mode, remote control and user code control.
- 32 user codes for other users providing restricted and/or temporary access to certain system functions. The user codes are enabled or disabled using the master code.

◆ Speech synthesis function

- The voice messages issued by the control panel make easier the system installation and use.
- Voice confirmation of all system programming and installation operations.

FEATURES (continued)

- Indication of intrusion protection arming and disarming commands.
- Indication of faults stored in the log when a system arm or disarm command is given.
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◆ Identification of system devices

- All system devices are individually identified by the control panel. During programming, the control panel automatically indicates the type of device programmed and gives it a number in chronological order.

Example: "Detector 12".

- To make it even easier to locate detectors (up to 20 maximum), a personalised voice message, recorded by the user, can also be added.

Example: "Detector 12 living room".

◆ Telephone dialler built into the control panel

• Three independent transmission cycles with separate acknowledgement and termination process.

- 1 main call cycle: digital or voice transmission in the event of an alarm or fault.
- 1 installer call cycle (3 numbers possible): voice transmission of faults requiring the help of the installer.
- 1 secondary call cycle, factory-configured to be inactive, for transmitting different types of events (e.g. technical alarm).
- 1 information number to inform a specific correspondent of system-related events.

• Five digital transmission protocols

- Atral
- Contact ID
- FSK 200 Bauds
- Ademco 4/9
- Telim.

◆ Listen-in and talk-back function

Following a telephone transmission, the user's correspondent or keyholder can check whether or not there has actually been a break-in:

- by listening in to what is happening on the premises,
- by calling out to the person(s) on the premises to find out who they are and deter them from staying on the site (if necessary).

This function can be made even more efficient

by using the listen-in and talk-back modules or the hardwired control interface remote keypads (on the premises) either simultaneously or selectively.

◆ Remote control facility built into the control panel using the telephone

After entering the master code and using the simple, user-friendly voice menu, the user can at any time:

- check or modify system status,
- modify the voice transmission call number.

◆ 2 programmable relay outputs

The relay outputs can be used to connect for example:

- additional alarm sirens,
- a Daitem GSM telephone dialler.

Activation of each relay output can be programmed according to the events occurring.

◆ 3 operating modes

- Installation mode: for the installer, accessible using a specific code.
- Test mode: for the main user to test system triggering, accessible using the master code.
- User mode: for using the system without modifying its configuration.

◆ System configuration and maintenance

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◆ Customisation of control panel keypad keys

Using plastic-coated adhesive labels, depending on the operating mode chosen during installation.

FEATURES (continued)

◆ **Battery self-tests**

The control panel continuously checks the state of its battery. If it is low, a response is triggered so that maintenance can be programmed.

◆ **Anti-tamper system**

The control panel has an anti-tamper system protecting it against opening, removal (rear wall tamper) and radio jamming.

◆ **Battery life**

The control panel battery life is in excess of 5 years in the following conditions of use:

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