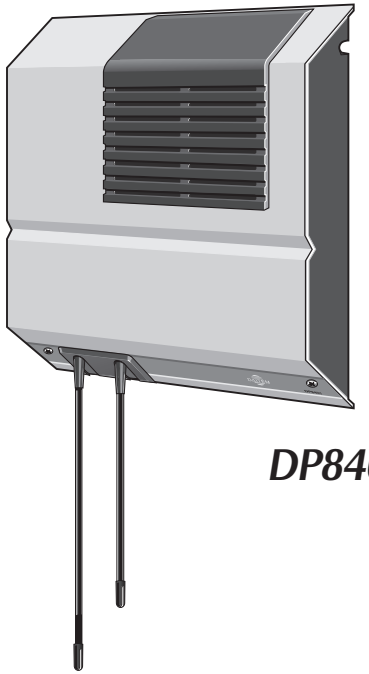
DP8000 & D14000



DP8401

Sirène intérieure

Sirena per interno

Internal siren

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p. 14

DAITEM

These sirens are associated with control panels of the DP8000 and D14000 ranges and act to reinforce the deterrence.
They trigger as soon as an alarm (intrusion, alert, tamper, technical 1) or a quiet or loud pre-alarm has taken place. In case of technical 1 alarm, the ringing is fire type modulation and lasts 5 minutes.
The siren is tamper protected from the cutting of the antenna, opening and removal.

Functionality

● Connected to control panels of the DP8000 range, a **pre-alarm** triggers a loud ringing for 10 secs.
● Connected to a DP8360 control panel and the control panels of the D14000 range:
❍ a **loud pre-alarm** triggers a loud ringing for 10 secs,
❍ a **quiet pre-alarm** triggers a quiet ringing for 10 secs.
● The D14411 communicator allows the inhibiting (or enabling) of the turning Off of the siren from a remote control (by example in case of theft or loss of the remote control). It also allows to trigger or turn off the siren remotely (Alarm cycle not stopped or triggered by the alarm receiving centre).

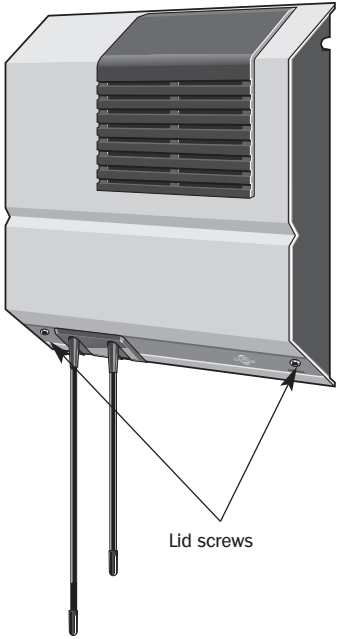
Test mode

At power up, the siren is in test mode. In this mode, some functions are not active. To put the siren into normal mode, it is necessary to send an Arm command (only do this after the fixing of the siren, at the time of live tests). The return to test mode disconnect the power from the siren for 2 min while putting the control panel in test mode.

Opening

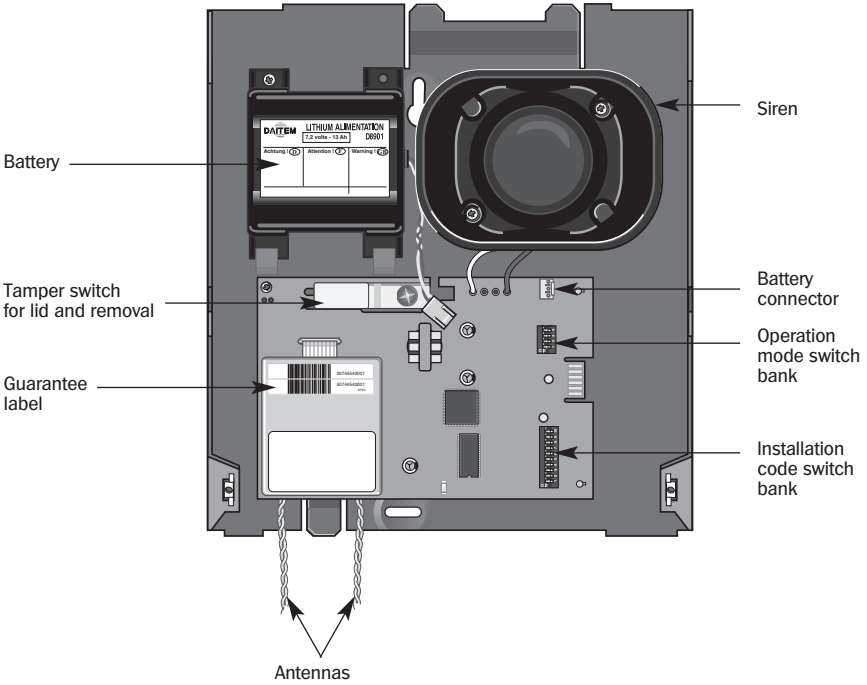
● Unscrew the two lid screws and lift the lid from the bottom then the top.

● Stick the bottom part of the guarantee label to the guarantee certificate supplied with the user guide of the system (the top part of the label must remain on the product).



Installation code

Reproduce the installation code, identical for all elements of the system, using the 10 installation code micro-switches.



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Operating modes

Choose a position for every micro-switch of the operating mode switch bank (see table opposite).

Switch	Position	Operating modes	Comments
1 and 2		Immediate triggering upon intrusion	Siren triggering is immediate regardless of switch 1 and 2 positions for Alert, Technical 1 and Tamper alarms The D14411 communicator triggers the siren at the end of the cycle (or if it has not completed before 1m 30s)
		10 secs delay upon intrusion	The delay is added to the entry delay selected on the control panel
		60 secs delay upon intrusion	
		Silent upon intrusion	The siren can be triggered and turned off by the D14411 communicator
3		No Arm/Off reports	The siren remains silent at the time of Arming or turning Off the control panel
		Arm/Off reports active	The siren emits a 3 sec BEEP at the time of Arming and turning Off of the control panel
4		Quiet Arm/Off reports	Has no influence on the triggering of the siren in alarm
		Loud Arm/Off reports	

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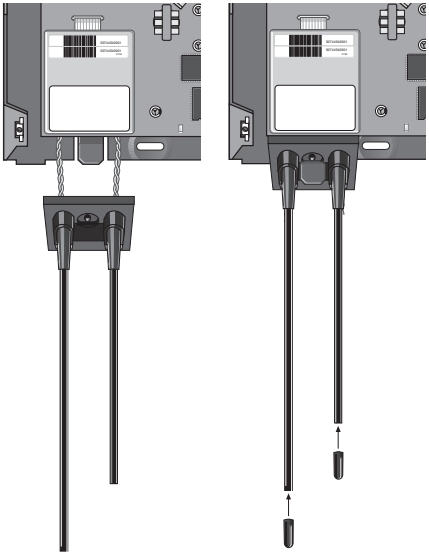
Setting up the antennas

● ① Slip the antennas in the double antenna tube.
● ② Position the antennas double tube on the base.
● Fit the antenna caps.



Powering

Connect the lithium block: the siren generates a BEEP for 3 secs.
The siren is in test mode: its radio reception is attenuated and there is no triggering if one activates the tamper contact for the removal of the siren.

Checking the installation code in test mode

With the control panel in normal mode, press the Off key of the remote control (or the keypad): the siren generates a BEEP for 3 secs if the installation code is correct (even if Arm/Off reports have been selected inactive in the operating modes selection).

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Choice of location

● The siren must be placed:
❍ inside,
❍ antennas toward the bottom,
❍ more than 5m from the control panel, the outside sirens, the telephone transmitter, and of all other radio receivers of the range,
❍ far from possible sources of interference (electric meter, telephonic switchboard...).
It must not be fixed directly to a metallic surface.
● Verify the radio link (siren in test mode):
❍ once the site is chosen, position the siren, without fixing it,
❍ press the Off key (control panel in normal mode). If the siren generates a 3 sec BEEP the location is good.
Otherwise, choose another location.

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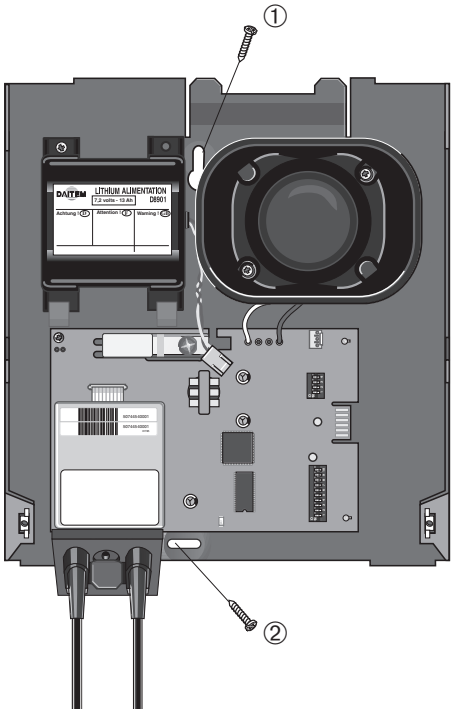
Fixing and live tests (to achieve this the control panel must be in normal mode)

Important: follow the order of the procedure described below to get correct operation.

● **Fix the siren:** shown in ① and ② on a flat and solid surface.
Attention: do not use the drilling template printed on the packaging.
Use the base of the siren to mark the holes to drill in the wall.
● Apply the lid to the base and lock it in place with the 2 lid screws.



● **Carry out a live intrusion test:**
❍ send an Arm command (Partial, Group 1 or 2 or Total),
❍ the siren passes to normal mode by generating a BEEP of 3 secs then signals the Arming of the control panel with a BEEP of 3 secs (depending upon selected option),
❍ at the end of the exit delay, simulate an intrusion and verify the triggering of the siren. Pay attention to the options (delay of 10 secs or 60 secs on intrusion) which may have been selected on the siren.

● **Check the tamper contact for the opening of the siren:**
❍ unscrew the 2 lid screws and to remove the lid,
❍ the siren triggers,
❍ send an Off command.

Attention: tamper for the removal and the opening is not operational if contacts are closed for more than 5 secs.

Signalling of a power problem

The siren signals a power problem at the time of receiving an Off command, whether in Partial Arm, Group 1 or 2 or Total. It gives an audible message like “BIPBIP ___BIPBIP ___BIPBIP”. If the option os Arm/Off reports is selected, the signaling of the power problem occurs after the Arm/Off report.

Procedure for changing the lithium block

● Put the control panel into test mode.
● Remove the siren.
● Remove the depleted lithium block.
● To wait for 2 mins (time for reinitialization of the siren).
● Connect to the new lithium block, the siren emite a 3 sec BEEP.
● Send an Off command and check that the siren no longer signals the power problem.
● Close and refit the siren.
● Send an Arm command, the siren generates a 3 sec BEEP.

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Declaration of conformity to the R&TTE directives 99/5/EC

Manufacturer: ATRAL S.A., rue du Pré de l'Orme, F-38926 Crolles Cedex, France

Atral radio equipments are in conformity with the following european directives:

- R and TTE Directive 99/5/EC,
- Electromagnetic Compatibility Directive 89/336/EEC,
- Low Voltage Directive 73/23/EEC,

and the harmonised European Standards notified under these directives:

- EN 300 220-3 (Spectrum Respect),
- EN 300 683 or EN 301489-1 (EMC Conformity),
- EN 55022 and EN 55024,
- EN 60950 (Electrical Security).

These products can be used in all the EU and EEA countries and Switzerland.

Crolles, January the 14th 2003

DAITEM

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