INSTALLATION CERTIFICATE

The undersigned, qualified installer, attests to have personally fitted the here described security system in the building at the following address, according to the manufacturer's instructions.

By:

Sold on: ....

Device type: ☐ 5000SE

Address: ....

Signature ....

Gemini Domus

5000SE

GEMINI
ALARM SYSTEM

UK

CE

5000IS-SE- Rev. 00/01/02

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7.0 Technical data

- Power supply	:	13.8 Vdc
- Current drained in resting conditions	:	4 mA
- Current drained in alarm condition	:	1.7 A
- Minimum radio range	:	20 m
- Operating frequency	:	433.92 MHz
- Acoustic power	:	120dB (at 3 m distance)

Warranty
This device is warranted against all construction or operating defects for a period of 12 months of the date of manufacture given on the warranty label on the back. If this label is missing the warranty loses its validity. The manufacturer assumes no responsibility for anomalies or failures to the alarm device caused by transport or extraneous causes such as electric discharge, overvoltage, mechanical impact, water infiltration, or due to improper installation or non compliance with the technical data specified.

6.0 Operation

Upon detecting an alarm condition, the Domus 5000 control unit transmits it via radio to the 5000SE activating the siren. If the system is not turned off, the siren performs a sound emission cycle lasting 3 minutes, and then it goes back to its normal operating conditions.

6.1. Panic function

If you press the red button of the radiocontrol (see the Domus 5000 control unit User Manual), the siren gives out an intermittent sound, different from the audible signal produced for other alarm causes. The sound emission cycle can be silenced by pressing the radiocontrol red button again.

6.2. Sabotage

A sabotage attempt triggers an alarm condition and the siren gives out an audible signal in theft mode; this sound lasts 3 minutes and after that the siren returns to normal operating conditions. The alarm can be silenced by pressing the grey button on the radiocontrol. The anti-sabotage function of the 5000SE is always active, regardless of system conditions.

6.3. Low battery indication

When the voltage in the battery built into the 5000SE drops below 10.5 Vdc, the siren gives out a beep every 30 seconds. In this case, check the mains adapter and wait for the battery to recharge. If it fails to do so, check the conditions of the battery and the mains adapter and replace the defective component.

6.4 Siren sounding modes

If an alarm condition is triggered, the siren gives out different sounds depending on the event detected (theft, burglar, fire or gas). In this manner, it proves possible to identify the cause that has generated the alarm. The types of sound emitted by the siren are:

MODULATED SOUND — THEFT
INTERMITTENT MODULATED SOUND — BURGLAR
BI-TONAL SOUND — GAS OR FIRE ALARM

EXTERNAL SIREN (ART. 5000SE)

1.0 Description

THE 5000SE is a radio siren equipped with a rechargeable buffer battery that ensures uninterrupted power supply even in the event of a mains power outage. It is equipped with a flasher, an anti-tear off and an anti-tampering button, and is made with corrosion-proof materials (plastic bottom, internal panel of stainless steel and cover of polycarbonate).
It uses a two-directional protocol to communicate with the Domus 5000 control unit and provide signals concerning: low battery voltage, sabotage attempts, failures.

2.0 Installation procedure

Identify the point where you want to install the siren by keeping in mind the range of the radio signal (ca 20 m) and the possibility of connection with the power mains.
We recommend that the installation be sheltered from water.
- Move to the vicinity of the control unit (2 - 3 m)
- Remove the front cover and the internal panel
- Select the desired functions by means of the dip switch in the circuit by following the instructions given in the table below.

3.0 Table of dip switch functions

No. of dip switch	Function
1 ON	Silent panic
1 OFF	Audible panic
2 ON / 3 ON	Real system indications. 1 flash every 30 seconds = system ON 2 flashes every 20 seconds = system OFF
2 ON / 3 OFF	Indications concerning siren operation. 3 flashes every 20 seconds = siren is working properly **Note:** no indications on system activation/deactivation are provided
2 OFF / 3 ON	Alarm memory indication 1 flash every 4 seconds. If an alarm condition occurs, the flashing rate will be fast and will remain such even after the end of the alarm time. The alarm memory is reset at system status change.
4 ON	Audible activation/deactivation ON
4 OFF	Audible activation/deactivation OFF
5 ON	Transmission channel - control automatic learning function ON
5 OFF	Transmission channel - control automatic learning function OFF (regular operation)
6 ON / 7 OFF	Siren operation with Domus 5000 alarm.
8 OFF	To be kept in this position at all times.

To establish two-way communications between the control unit and the siren, the two units must exchange their transmission codes. The code learning procedure is described in the following paragraph.

4.0 Automatic learning function of the transmission channel

Access the control unit programming function as described in paragraph 3.1 of the Domus 5000 control unit installation manual, then go to menu: **"PROGRAM SIRENS ?".**

```
PROGRAMM
SIRENS ?
```

Press **"OK"** to display the message concerning the first siren.


```
SIREN     1
FREE
```

With the **"right arrow"** and **"left arrow"** keys you can select the siren to be programmed: 1, 2 or 3.


```
SIREN     1        SIREN     2        SIREN     3
FREE               FREE               FREE
```

Programming procedure (to be performed with the siren open)

Press **"ON"**. The control unit is ready to learn the code of the siren in question;


```
SIREN     1
READY
```

At this point proceed as follows:
- Make sure that the siren is not powered (turn off the battery and the power supply unit).
- On the siren, set dip switches 5 and 6 on **"ON"** and dip switch 7 on "OFF".
- Power the siren.
- After a few seconds, a beep is given out and the siren starts blinking; this is followed by 3 beeps given out by Domus 5000. To confirm that the code has been learnt, the display of the control unit briefly shows a message saying **"SIREN 1 PROGR"**, followed by **"SIREN 1 TAKEN"**.

CAUTION: reset dip switch 5 on "OFF" to enable the siren to start working.
- Repeat the same procedure for the other sirens.
- When the message **"SIREN 2 PROGR"** is followed by another message saying **"SIREN 2 DOUBLE"** this means that the siren in question had already be configured in a different position. In this case, the control unit gives out a single beep and shows the message **"SIREN 2 READY AGAIN"**. Use another siren and repeat the procedure.

```
SIREN     2        SIREN     2        SIREN     2
PROGRAM            DOUBLE             READY
```

- When the display shows the message **"SIREN X FREE"**, press **"OK"** to return to the starting menu, "PROGRAM SIRENS?". Then, press "OFF" to display the message **"RETURN TO CONTROL UNIT OFF?"** on the control unit display.
Finally, press **"OK"** to reset the control unit on normal operating mode.
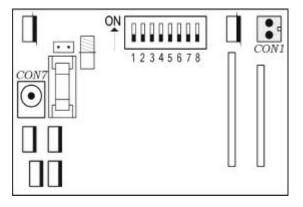
WARNING: when the battery is connected, the siren functions are not active and hence it is impossible to perform the tests until both the anti-sabotage buttons are pressed (the anti-tampering button on the front wall of the device and the anti-tear off button located on the back. To keep the latter button pressed it is sufficient to rest the siren on a flat surface, while the former has to be pressed manually. During normal operation, in fact, it is kept in that position by the cover. Upon being pressed and released, both buttons cause the activation of the siren, which can be silenced by pressing the grey or black button on the radiocontrol or by disconnecting the battery.
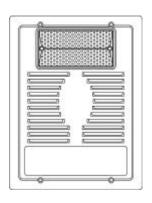
5.0. Assembly process

At the end of the tests, we recommend disconnecting the battery to perform the assembly process.
- Move up to the point selected for the installation.
- Pass the adapter cable through the entry hole in the bottom wall of the siren and fit the connector into its housing (CON7 in the figure).
- Fasten the bottom wall of the siren with the screws supplied as standard.
- Fit the flasher connector into its housing (CON1).
- Connect the battery.
- Make sure that dip switch 5 is set on OFF, or the siren will not work.
- Position the internal panel and the cover and fasten them with the screws supplied as standard. To fasten the cover apply a slight pressure to the central part of the cover so as to keep the anti-tampering button pressed.
Upon being closed, the siren gives out 3 beeps to confirm correct assembly; it if does not, check the closing of the cover.