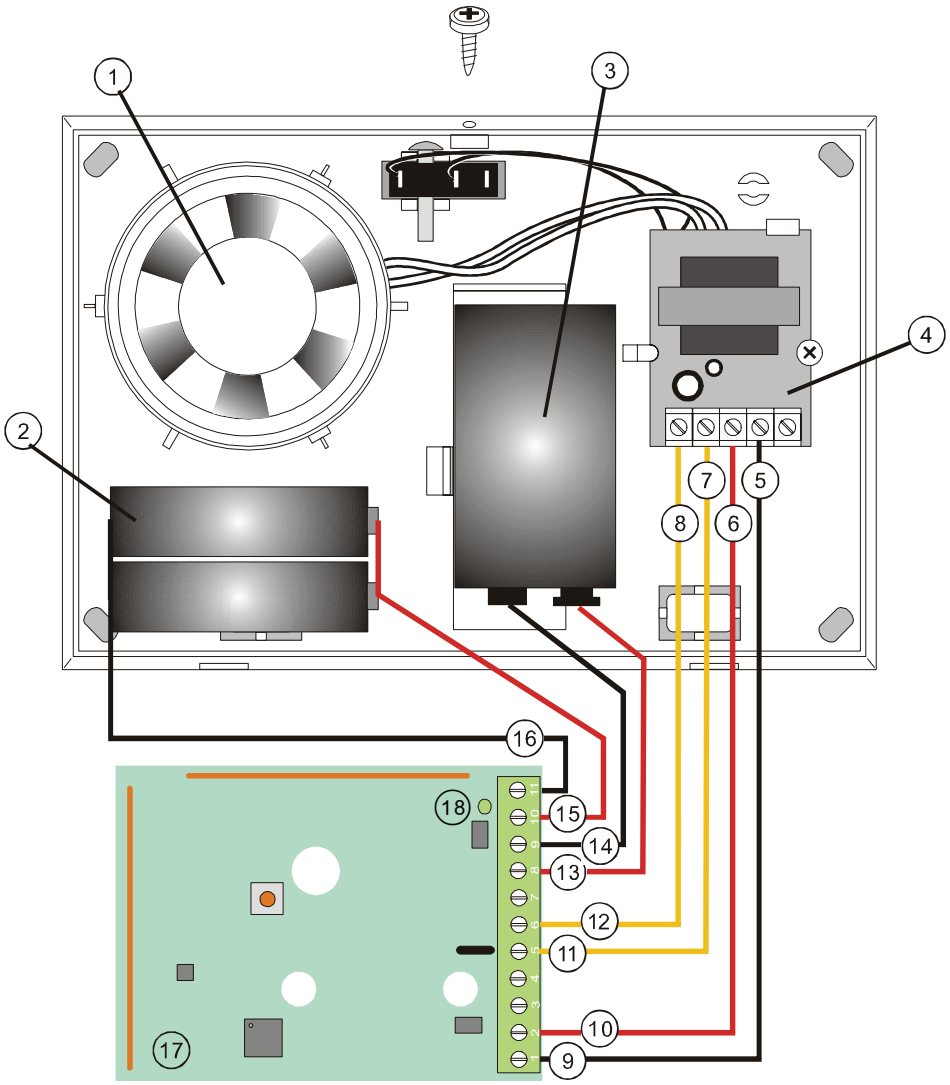
Wireless indoor siren

February 2008 • Part number 106xxxxx

Wiring diagram



1	Speaker	10	OC+
2	4x AA battery pack	11	Tamper
3	9 V battery	12	Tamper
4	Siren PCB	13	9 V battery terminal (+)
5	Speaker -0 V terminal	14	9 V battery terminal (-)
6	+12 V terminal	15	4x AA battery pack (+)
7	Tamper	16	4x AA battery pack (-)
8	Tamper	17	IO module PCB
9	OC-	18	I/O module LED

ISO 9001 Certified

The European directive "Waste Electrical and Electronic Equipment" (WEEE) aims to minimise the impact of electrical and electronic equipment waste on the environment and human health. To conform with this directive, electrical equipment marked with this symbol must not be disposed of in European public disposal systems. European users of electrical equipment must now return end-of-life equipment for disposal. Further information can be found on the following website: *www.recyclethis.info.*

European representative for manufacture (EMC):
GE Security B.V., Kelvinstraat 7, 6003 DH Weert, The Netherlands
http://www.gesecurity.eu

Learning-in an indoor siren

You have to learn-in the siren before mounting it to the desired position. In order to add a wireless siren to the system perform the following steps:

1. Enter the programming mode on the keypad, navigate with the ↑↓ keys to *RF Receivers* and press **OK**.
2. Select the relevant module bus ID and press **OK**. For example, you can select *RF Receiver 32*, which is a built-in receiver on the NX-10 panel board.
3. Select *Learn-in Mode>Learn RF Siren*, and then select the new siren number (*RF Siren 1* to *2*) and press **OK**. The panel starts the learning-in procedure, and the *Learn-in Mode* message is displayed on the keypad(s).
4. Power-up the IO-module in the indoor siren. Insert the 4 AA-batteries in the appropriate battery holder.
5. Wait until the LED on the IO-module-board (18) blinks for 0.5 sec.
6. Trigger the tamper by pushing the lever downwards, simulating the closing of the housing for at least 2 seconds, and release the tamper again.
7. The LED on the IO-module-board (18) will blink 2 times.
8. The keypad beeps once to confirm the siren is programmed.
9. To allow operation of the indoor siren, insert the 9V-battery to the battery holder.

Mounting the siren

To install the siren according to EN50131-4 grade 2, you need to enable the pry-off tamper. Mount the screw provided through the tamper hole to allow pry-off tamper detection.

Safety instructions

CAUTION: Batteries can explode or cause burns when recharged, incorrectly (dis)assembled, or exposed to fire or high temperatures.

Dispose of used batteries promptly and according to local regulations. Keep away from children.

To replace batteries, please remove the AA batteries from the battery holder. Disconnect and remove the 9 V battery from the holder. Only replace the batteries with the Energizer or Duracell AA and 9 V batteries. Do not use a different type of batteries.

Technical specifications

Power supply specifications		
Electronics	Number and type of batteries	4 x AA size, 1.5 V, primary cell
	Battery capacity	2850 mAh
	Board operating voltage	2.1 V ... 3.1 V ⎓
Siren part	Number and type of batteries	1 x 9V size block, primary cell
	Battery capacity	600 mAh
	Operating voltage	9 V ... 12 V ⎓
	Battery lifetime, typical	3 years
	Current consumption – sleep mode	20.0 uA at 3.1 V ⎓ ± 5%
	Current consumption – active mode	6.7 mA at 3.1 V ⎓ ± 5%
	Current consumption – transmitting RF	43.8 mA at 3.1 V ⎓ ± 5%
General feature specifications		
Environmental	Operating temperature	-10 °C to +55 °C
	Humidity	max 95%, non condensing
	Shipping weight	470 g