HSE03 Voice Siren & Strobe Light
# Installation Instruction

GENERAL INTRODUCTION

The HSE03 is a two-way wireless alarm which functions not only as a siren, but also has vocal alert sound and strobe light. Unlike any other siren alone or strobe alone products available in the market, this unique three-in-one device integrates functions of siren, vocal alert and strobe light into one unit.

The vocal alert sound can play high quality voice or music to guide the user and the siren can generate 110dB noisy sound in order to frighten the intruder。 The unit is sold individually, but its great compatibility with our *UNet* family security products makes it easier for you to add additional accessories to suit your specific needs.

The HSE03 includes the following features:
- Adopt UNet protocol to secure the success of wireless two way communication
- Can download 45 or 90 second of high quality voice files from USB port
- Different speak content of the HSE03 correspond to different trig event.
- 110dB siren sound
- With Red flashing strobe light
- With Tamperproof protection
- Visual and audible alarm indications
- Low battery indication
- Very low power consumption (3years battery life at standby mode)
- Either 4 x Battery or DC 6V adaptor for the power supply

PRODUCT LAYOUT
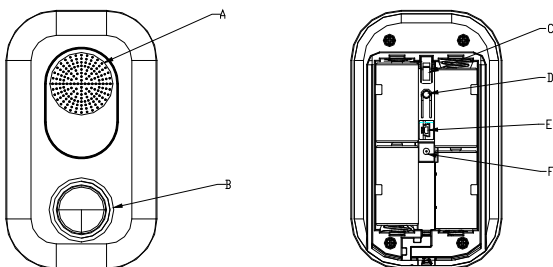
A. Speaker and strobe LED light indicator	E. USB
B. Piezo	F. DC Jack
C. Tamper Switch	
D. Learning Key	

Functions

A. Speaker and strobe LED light indicator	Two color LED (red & green)
B. Piezo	Generate 110 dB siren sound
C. Tamper Switch	A full alarm condition will be initiated if the unit is removed from the wall.
D. Learning Key	Learning and clearing ID codes.
E. USB	To download the wav file from PC to HSE03
F. DC Jack	Socket for connecting DC adapter

POWER SUPPLY & BATTERY STATUS

Four pieces 1.5V Alkaline LR14 batteries are supplied in the HSE03. An optional 600mA @ 6V DC power adapter can be purchased if needed. If HSE03 is used as a control unit, to ensure a sufficient power supply, a DC adapter is strongly recommended. A red LED flashes at every 30-second interval indicates the battery power is low. When this situation occurs, replace the batteries as soon as possible.

INSTALLATION

To Install Batteries
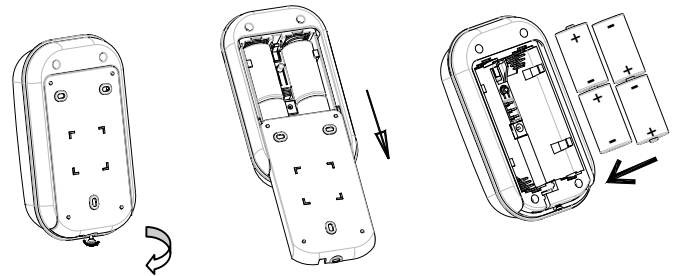
1. Loosen & remove the locking screw from the bottom edge of the unit counter clockwise.	2. Slide the backplate out of the unit.	3. Insert 4 x 1.5V Alkaline LR14 batteries with correct polarity.

To Install Power Adapter (Optional)

The power adapter is an optional accessory. Nevertheless, a cable track is set inside the unit for you to secure the power adapter. To install a power adapter:
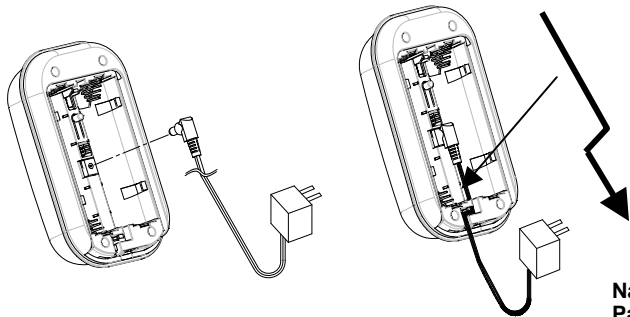
| **1.** Connect the plug of power adapter to the DC jack inside the unit. | **2.** Route the cable along the cable track. |

To Mount HSE03

The HSE03 should be mounted inside the building in a position that is clearly visible and at a height which is relatively inaccessible to an intruder. To get a supply of electric power, mount the siren & strobe unit on a wall with a DC electrical outlet nearby is suggested.

| **1.** Use the backplate as a template to mark & drill the position of three mounting holes on the wall. Fix the backplate to the wall using the plastic wall plugs and fixing screws provided. |
| **2.** Slide the unit down to the backplate and fasten the locking screw clockwise. |
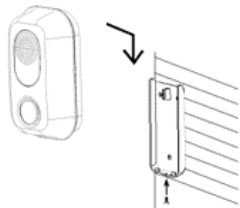
Download wave file to HSE03
WAV is the only file type that can be played by HSE03 To download songs to HSE03, please execute Door Bell.exe which already been programed in the HSE03
Please follow the steps below in sequence to execute the program.

1. Plug one end of USB cable into the Bell, and the other end into an open USB port of your computer.
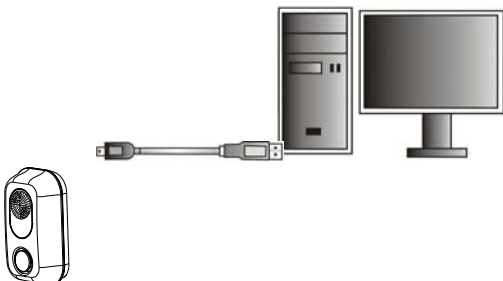
2. The HSE03.exe will auto run. If it doesn't, please double click on HSE03.exe under USB drive to execute the program.

3. A user interface will display; it contains three parts of panes: Navigation Pane, List Pane and Clipboard.

Navigation Pane: Displays a list of files those are placed on the desktop. In the Look In drop-down list, select the folder where the songs are stored.

List Pane: It unfolds the folder you've selected in Navigation Pane; a list of songs stored in the folder is displayed.

Clipboard: A temporary storage area for selected songs. They will be downloaded to the Bell once Download Key (as shown in FIGURE 10) is pressed.

The table below shows a list of keys and key functions.

Key	Name of Key	Function
▷▷	Add	Add a selected song to the playlist of Clipboard
⬇	Download	Download songs from Clipboard to HSE03
⬆	Move Up	Move selected song/songs one space up in the playlist of Clipboard
⬇	Move Down	Move selected song/songs one space down in the

		playlist of Clipboard
	Stop	Stop playing the selected song (Clipboard only)
	Play	Play the selected song (Clipboard only)
	Delete	Delete a song from the playlist (Clipboard only)
	Exit	Exit HSE03.exe
	Save As	Save selected songs to another directory or location
	Volume Control (Low / Mid / Hi)	Adjusts the volume of songs; it determines the volume of HSE03

If you wish to keep the preset songs, it is recommended you make a copy of them before carrying out the following steps.   To save the preset songs, press ; to download songs to HSE03:

1. Select a folder where the songs are stored in Navigation Pane.

2. Select song/songs you wish to download to the Bell from List Pane.

3. Press to add selected song/songs to the Clipboard.   If storage capacity in Clipboard has exceeded the limit, a warning indication will be shown (FIGURE 11); likewise, you can refer to the capacity indicator for the percentage of being occupied storage.

4. Once you've completed song selections, press to download selected songs to the Bell.   A saving prompt box will appear while data is saving (FIGURE 12).
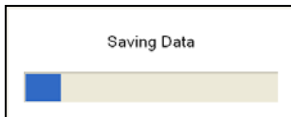
SETTING

In order to communicate with other security accessories, the HSE03 needs to learn the ID code of other accessories, and vice versa.

Learning ID Code

1. Press the learning key "D" (as shown in page 1) for more than 3 seconds and release, during which the green LED will flash at 2-second interval repeatedly. This implies HSE03 is now entering the ID code learning mode.   Green LED will flash repeatedly representing the unit is waiting for receiving the ID code signal of another accessory.

2. Within 30 seconds, press the learning key of another accessory (don't press HSE03 learning key anymore). This step allows HSE03 and the accessory to emit and learn the ID code mutually.   When a green LED keep on 1 sec. and then stop flash it implies the ID code learning procedure is completed and success

Examples of auxiliary accessories (optional)
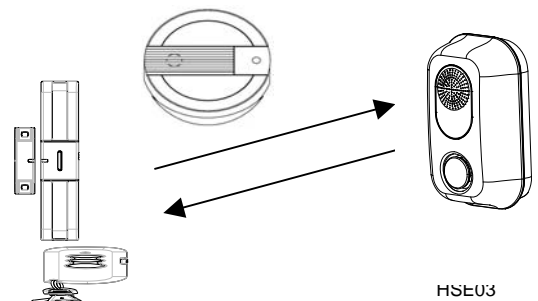
Figure 3.
Illustration of ID code learning between SE802 and cooperative accessories.

Note:
Only one accessory ID code can be learned at a time. HSE03 can store up to 12 sets of ID codes (including its own code).   If there is more than one accessory ID code needs to be learned, simply repeat the above steps.

3. Learning outcome:

	Indicator	Status
Successful	LED	Green LED illuminate for 1 seconds & turn off
	LED	Green LED flash 4 times (0.1 second on, 0.1 second off)
Failed		

Note:
No ID code has been preset when first time you operate HSE03.   After insert the batteries, Green LED will flash at 2-second interval repeatedly.

Operation Mode

The mode of HSE03 is accessory mode , and all control command come from Controller like Gateway HSC06

Accessory Mode

(HSC06) Gateway

(SM801)
Accessory

(SF802)
Accessory

(ST804)
Accessory
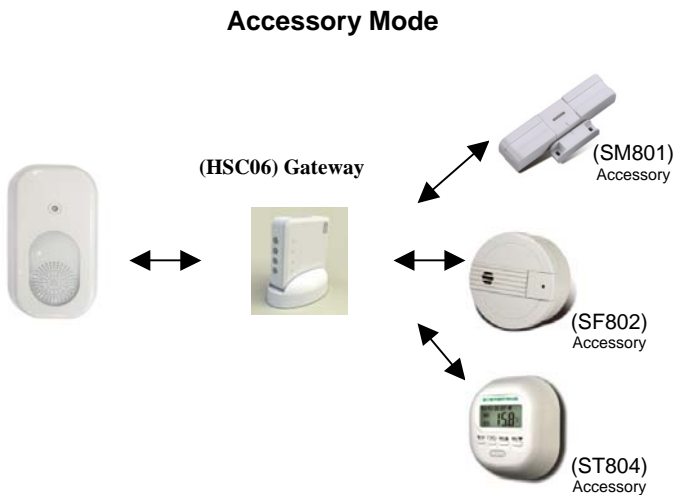
Clearing ID Code

1. Press the learning key "D" (as shown in page 1) for more than 3 seconds and release, during which the green LED should be at 2-second interval. This implies HSE03 is now entering the ID code learning mode. Green LED will flash repeatedly representing the unit is waiting for receiving the ID code signal of another accessory.

Within 30 seconds, press the learning key again for more than 6 seconds and release, during which green LED flash at 2-second interval repeatedly. it implies the ID code learning procedure is completed.

2. Clearing outcome:

	Indicator	Status
	LED	none
	LED	Green LED flash 4 times (0.1 second on, 0.1 second off)

Note:
If ID code is cleared, green LED should flash at 2-second interval repeatedly.

WARNING:
ID codes of all cooperative devices will be cleared after executing ID code clearing function.

OPERATION

HSE03 should be tested with all the Controller to ensure it can communicate with each of them successfully. To test the communication between HSE03 and other Controller, simply activate the cooperative unit after ID code learning procedure is completed. If the communication is successful, HSE03 should be triggered in a full alarm condition/by giving an indication. If the communication is failed, no response will be given.

MAINTENANCE & USAGE

* Do not immerse this unit in water or any other liquid.
* Do not cooperate the unit with more than 11 accessories.
* Due to building constructions, the operating range may vary from 250 meters to a shorter distance, such as the unit can only receive signals from pool alarm system within a distance of 50 meters. Please test the unit to find out a best operating range before mounting it. It is also suggested not to mount the unit in the basement to avoid poor transmissions.

SPECIFICATION

Power adaptor (option)	600 mA@6V DC
Battery Type	1.5V LR14 x 4 pieces
Battery Life	About 3 year, @25°C standby mode
Range	Min 200 meter/656 feet line of sight
Operating Frequency	868.30 MHz (EU)/ 923.00 MHz (US)

CE

A501110909R

FCC ID: ZGXHSE03

** Specifications are subject to change and improvement without notice.

Federal Communication Commission Interference Statement
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.   If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

WARNING:
Do not dispose of electrical appliances as unsorted municipal waste, use separate collection facilities.

Contact your local government for information regarding the collection systems available.

If electrical appliances are disposed of in landfills or dumps, hazardous substances can leak into the groundwater and get into the food chain, damaging your health and well-being.

When replacing old appliances with new once, the retailer is legally obligated to take back your old appliance for disposal at least for free of charge.