CROW
Electronic Engineering Ltd

SH-SIRINT-8F/9F

**WIRELESS
INDOOR SOUNDER**

**INSTRUCTION MANUAL**
P/N 7105411_B

PRODUCT FEATURES

The SH-SIRINT is an advanced slim designed wireless indoor sounder that extends the sound of your alarm inside your premises.
The SH-SIRINT is ideal for residential and light commercial buildings, particularly where outdoor sirens are prohibited.

- ISM Radio 2GFSK
- Ultra Low current consumption
- Powered by 2 Lithium batteries Type AA 1.5V
- Wall Tamper protection
- Battery life up to 5 years
- Operating Frequencies: 868-869MHz / 916-917MHz
- Event Transmission:
    - Alarm
    - Tamper Open/Close
    - Supervision
    - Battery status
- Bi-Color LED indications
- Up to 500m transmission range in open space
- Remotely configurable
- Selectable Dipswitches for working with panel types :
    Shepherd, Serenity, Runner.

PRODUCT OVERVIEW

Unit Device

Wall Bracket

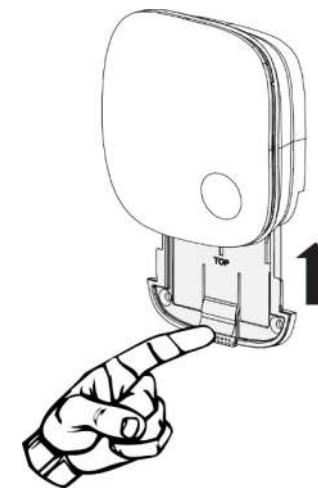Flash Light
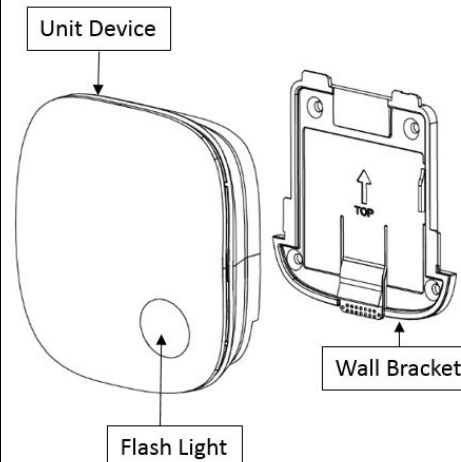
DEVICE OPENING

Figure 1

1. Push the latch located on the bracket
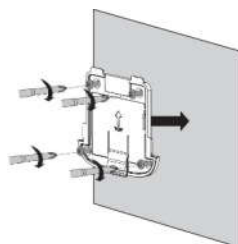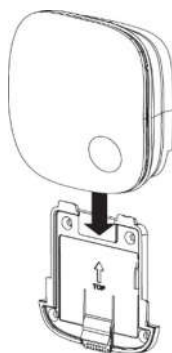2. Slide Up the unit device

WALL MOUNTING

Figure 2

Use supplied screw to mount the bracket on the wall
Check that the base is flat against the wall to facilitate the unit device insertion into the wall bracket

1. Slide down the unit device into the bracket
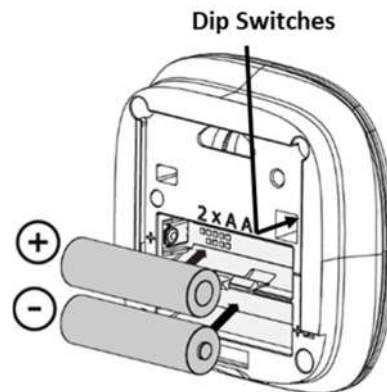2. Reset tamper alarm on the control panel

BATTERIES INSERTION

Dip Switches

2 x A A

Figure 3

Batteries can be replaced by the user

Please refer to section "Battery Replacement" for this operation.

DIPSWITCHS

Dipswitch Setting

Dipswitch Number	Shepherd	Serenity/Runner			
1	OFF -	ON	Serenity / Runner		
2	N/A	ON		ARM	DISARM
			Battery ok	2 Flashes	1 flashes
			Low battery	3+3 flashes	2 Flashes
3	N/A	ON		ARM	DISARM
			Battery ok	2 Beeps	1 Beep
			Low battery	3+3 Beeps	2 Beep
4	N/A	ON	Flasher and Buzzer timeout is 15 min dipswitch is OFF timeout is 2 min.		

The table describes the different settings for

SHEPHERD, SERENITY, RUNNER panel types.

Note (for Shepherd default): The Alert sound time is 3 minutes and The Alert flasher time is 30 minutes. Activation time can be changed from Outputs level (see installation manual)

PAIRING PROCESS

For pairing process, please refer to your control panel instructions.

To pair your sounder, please proceed as follows:

1. Enter in installing mode via the" installer Webpage"..

2. Go to Outputs and select the output # you want to learn.

3. Add Output – (insert link type "ISM" Device's ID, Device type "smart siren".

4. Set Siren Configuration output, and save configuration.

5. Place the 2 batteries as instructed in figure 3 and wait until the red/green LED stops blinking.

6. The device should register to the Control Panel.

7. When registration process is successfully completed, the Green LED will constantly light ON for 3 seconds and then turn OFF.

8. If Green LED continues flashing more than 5 minutes and stopped. Please check siren settings details, remove batteries and repeat step 5,6,7.

TESTING THE DEVICE

After the pairing is completed verify that the sounder is working properly:

- Perform Arm/Disarm verify Beep/Led indications.
- Perform an Alarm; verify Piezo and LED is activated.
- Perform Alarm Reset by User pin code.

EVENT TRANSMISSION

SUPERVISION
A periodical transmission indicating detector's presence.

ALARM
Siren sound from the device indicating alarm in progress. The white LED blinking during the operation.

LOW BATTERY
Whenever batteries reach the low level (2.9V), a Battery Low signal will be sent. When Battery level drops below Cut Off level (2.5V) the device will stop functioning and the Red LED will blink for 10 seconds and then turned Off.

TAMPER
Whenever the device is removed from the bracket, a message will be transmitted with "Tamper ON" signal. When cover will be returned a "Tamper OFF" signal will be transmitted.
You should reset this tamper alarm on your control panel.

BATTERY REPLACEMENT
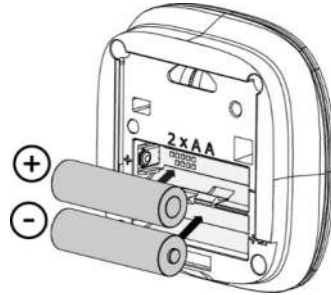
Figure 6

CAUTION

Batteries must be replaced by
2 Energizer L91 Lithium batteries AA 1.5V

RISK OF EXPLOSION
IF BATTERY IS REPLACED BY DIFFERENT TYPE / MODEL.

DISPOSE USED BATTERY
ACCORDING TO ITS INSTRUCTIONS

AFTER REPLACING BATTERIES…

- Slide down the sounder device into the bracket as illustrated in figure 4
- Perform Tamper reset on your control panel
- Proceed with device testing to check proper functioning

SPECIFICATION

Alert Method	Internal Piezo and LED
Sound Level	More than 100dB (at 1 meter)
Flash Light	Red/Green and White LED indications
ISM Radio	2GFSK
Operating Frequencies	868-869MHz / 916-917MHz
Identification	Unique ID serial number – 24 bit
Events Transmission	Alarm, Tamper, Supervision, Low Bat.
Supervision Time	7 min by default
Transmission Range	500m in open space
Battery	2 Lithium batteries 1.5V AA Type
Battery life	Up to 5 years
Current Consumptions	Standby ~60 µA Receive mode ~26 mA Transmit mode ~50 mA Transmit power <14dBm Low Bat 2.9V Cut Off 2.5V
Tamper Switch	Bracket Removal
Operating temperature	-10°C to +55°C
Dimensions	93mm x 93mm x 31mm
Weight (incl. battery)	80gr.

STANDARDS APPROVALS

<u>The SH-SIRINT conforms to the essential requirements set out by:</u>

- RED directive:2014/53/EU
- EMC directive: 2014/30/EU
- Low Voltage directive: 2014/35/EU

<u>Harmonized Standards applicable to this products are:</u>

- EN300220-2
- EN300220-1
- EN301489-3
- EN301489-1
- EN50130-4
- EN61000-6-3
- EN60950-1
- EN50130-5
- EN50131-5-3

<u>Additional Standards and Directives applicable to this product are:</u>

- RoHS directive: 2002/95/EC
- EN50131-4

Security Grade2, Environmental Class II
Power supply Type W
Certification body: Telefication B.V.

WARRANTY POLICY CERTIFICATE

sales@crow.co.il
support@crow.co.il

www.thecrowgroup.com

These instructions supersede all previous issues in circulation prior to December 2017