

## Programming

The following provides instructions on how to program your siren via a keypad or by using BabyWare. For more details on how to program, please refer to the MG/SP Programming Guide.

### To Program Using a Keypad

MG6250	MG/SP	Feature	Details
[0801]	[683]	Learn Siren #1	Press and hold "Reset/Training" switch for 3 seconds after entering the section to learn the siren. <b>WARNING:</b> When you press the "Reset/Training" switch, the SR130 will squawk and the strobe light will flash five times to confirm registration to the panel.
[0802]	[684]	Learn Siren #2	
[0803]	[685]	Learn Siren #3	
[0804]	[686]	Learn Siren #4	
[0801]	[687]	Display Signal Strength Siren #1	Press and hold "Reset/Training" switch for 3 seconds after entering the section to display, on a K32LCD V1.3 or higher, the signal strength the panel is receiving from the siren.
[0802]	[688]	Display Signal Strength Siren #2	
[0803]	[689]	Display Signal Strength Siren #3	
[0804]	[690]	Display Signal Strength Siren #4	
[0811]	[691]	Label Siren #1	These labels are used when reporting events via e-mail through the IP100/ IP150 (MG/SP only) or SMS personal reporting (MG6250 only) and for troubleshooting purposes. Maximum 16 characters.
[0812]	[692]	Label Siren #2	
[0813]	[693]	Label Siren #3	
[0814]	[694]	Label Siren #4	
[0800]	[695]	Temporary Tamper Switch Deactivation for Maintenance	Press the [enter] key after entering the section to deactivate tamper alarm until the cover is reinstalled or after 30 minutes.
[0820]	[587]	Panel Supervision of Siren	OFF = disabled ON = enabled (default)
Option [1]	Option [3]	Siren #1 (OFF/ ON)	The control panel supervises the presence of the SR130. If lost, the control panel will follow global supervision loss option set in the panel.
Option [2]	Option [4]	Siren #2 (OFF/ ON)	
Option [3]	Option [5]	Siren #3 (OFF/ ON)	
Option [4]	Option [6]	Siren #4 (OFF/ ON)	

### To Program Using BabyWare

1. Open BabyWare and connected to your system.
2. Go to BabyWare => Add Item => Wireless Sirens.
3. Fill-in the label, location, and serial number of the SR130.
4. Click **Save**.

## Certifications

CE	EN50131-4 Grade 2, Type W	EN 50130-5 Class IV
Certification Body:	Applica Test and Certification	

# P ▲ R ▲ D O X™

## SR130: Outdoor Wireless Siren w/Built-In Strobe Light



SR130-EI00

Version 1.0

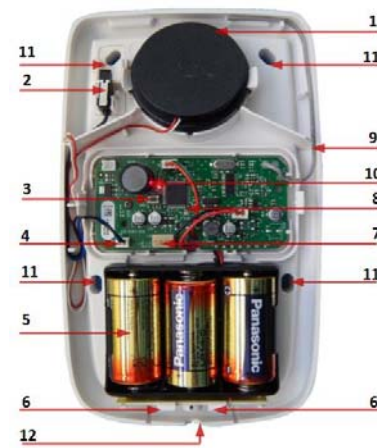
Printed in Canada

12/2014

## Description

The SR130 is a stand-alone, fully supervised outdoor wireless siren with built-in strobe light and wireless transceiver. With normal use, the SR130 will function up to three years without the need to replace the batteries. The SR130 uses 2-way wireless communication, which provides continuous supervision between the panel and siren with fast response to alarm signals within 4 seconds. The SR130 operates using three size "C" alkaline batteries.

## Overview



1. Siren (100dB or more) \*
2. Wall tamper switch and cover tamper switch
3. Reset/Training switch
4. Tamper Switch connector
5. Battery pack (3 size "C" alkaline batteries)
6. Strobe lights
7. In-Field connector
8. Signal Strength and transmission LED
9. Antenna
10. Status LED
11. Mounting screw
12. Captive screw

\* **Warning!** High Voltage. Remove batteries before maintenance

Figure 1:SR130 Back cover

## LED Feedback

Signal strength/RF transmission LED	Red blinking - sending data Green blinking - receiving data Amber flash 4x - strong signal Amber flash 3x - good signal Amber flash 2x - weak signal Amber flash 1x - very weak signal (relocate) No flash - no signal
Status LED	Red steady on - powered/normal operation Red slow blink - low battery

## Installation

1. Write down the serial number (on the back of the unit) and location of the SR130 for later reference, to insert into BabyWare.
2. Unlock the top cover by turning the captive screw.
3. Remove the top cover from the siren.
4. Mount the SR130 siren to the wall using the mounting screws.
5. Make sure the Anti-Tamper switch is screwed into the wall.

## Siren with Batteries



Figure 2: Remove the Cover

If your siren already has batteries installed you need to:

- A Remove the plastic tab between the top battery terminals and the battery compartment.
- B Leave the covers off until you train the siren.

## Siren without Batteries

If your siren does not come with the batteries then:

- A Insert the batteries. Make sure to place with the proper polarity.
  - B Leave the covers off until you train the siren.
6. Reinstall the PCB cover.
  7. Reinstall the siren cover and lock.

## Upgrading Firmware

The SR130 firmware can be upgraded through In-Field (V3.0 or higher) using the 307USB Direct Connect Interface.

- Notes:**
- a. The SR130 needs the batteries installed to upgrade the firmware.
  - b. Ensure that the SR130 Wireless Siren is awake before beginning the firmware upgrade. To wake up the siren, press the training/reset switch. The siren will provide you with a 60 second delay in order to begin the update.

1. Remove the front cover see Figure 2.
2. Connect the 307USB to the In-Field connector (connector #8 in Figure 1).
3. Refer to the firmware upgrade instructions found at: [www.paradox.com](http://www.paradox.com)  
=>Software => In-Field Firmware Upgrade Instructions.

## Tamper Supervision

If a tamper is detected, the SR130 sounds an alarm and the strobe light flashes for 4 minutes. The control panel follows the global supervision options set in the panel.

## Specifications

Power	4.5VDC (3 size "C" alkaline batteries)
Battery life	Up to 3 years based on normal use (e.g., 2 alarms per year with strobe for 2.5 hours and 8 squawks per day at an average of 25°C (77°F) with default alarm time set to 4 minutes. If the alarm is set for more than 4 minutes, the battery life may be reduced).
Current Consumption:	Standby: 5.75µA Maximum: 450mA
Battery Low Voltage signal	Will be sent at 4.1 VDC (This product requires 3 –1.5V batteries total nominal voltage 4.5VDC)
* RF frequency	433MHz or 868MHz
Siren	100dB or more (1 meter) Acoustic output type: Tone
Dimensions	13.43cm X 21.17cm X 5.11cm (5.29in X 8.34in X 2.01in)
Weight	567g (20 oz.) with batteries, 365g (12.87oz.) without
Humidity Range	5% to 93%
Operating Temperature	-25°C to 70°C (-13°F to 158°F)
RF range	Up to 70m (230 ft)

\* Only 433 MHz version is approved for FCC and IC

## Compatibility

MG/SP series v4.0 or higher (except SP4000)	K32LCD v1.3 or higher
MG6250 v3.0 and higher	K32LCD+ v1.0 or higher
RTX3 v1.5 or higher	K32LX v1.0 or higher
BabyWare v2.8 or higher	In-Field Upgrade Software v3.8 or higher
K32+ v1.0 or higher	For latest updates visit <a href="http://paradox.com">paradox.com</a>

## FCC and Industry Canada Compliance Statement

This device complies with FCC Rules Part 15 and with Industry Canada license exempt RSS standard(s). Operation is subject to two conditions:

1. This device may not cause harmful interference
  2. This device must accept any interference that may be received or that may cause undesired operation.
- Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

1. L'appareil ne doit pas produire de brouillage, et
2. L'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

FCC ID: KDYSR130  
IC: 2438A-SR130

## FCC WARNING

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 or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications to this equipment not expressly approved by the party responsible for compliance (Paradox Security Systems Ltd.) could void the user's authority to operate the equipment.

## Warranty

For complete warranty information on this product, please refer to the Limited Warranty Statement found on the website [www.paradox.com/terms](http://www.paradox.com/terms). The terms and conditions are subject to change without notice, from time to time, at Paradox's sole discretion. We invite you to visit our website on a regular basis for the latest Limited Warranty Statement. Your use of the Paradox product signifies your acceptance of all warranty terms and conditions. Please ensure that your use of the Paradox product is in compliance with local, national, and international laws.

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