Upgrading Firmware

Upgrade SR130 firmware through the Paradox In-Field software (V3.0 or higher) using the 307 USB Direct Connect Interface. The SR130 requires the batteries installed in order to upgrade the firmware.

Note: Ensure that the SR130 is awake before beginning the firmware upgrade. To wake-up the siren, press the training/reset switch (see connector #4 in Figure 1). The siren provide yous a 60 second delay in order to begin the update.

1. Remove the front cover (see Figure 2).
2. Connect the 307 USB to the In-Field connector (see connector #8 in Figure 1).
3. Upgrade according to the firmware upgrade instructions: Go to 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

Specification	Description
Power Supply	3x 1.5VDC "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 25ºC (77ºF) with default alarm time set to 4 minutes. If the alarm is set for more than 4 minutes, the battery life may be reduced).
Battery Low Voltage Signal	Signal sent at 4.1 VDC
RF frequency	433MHz or 868MHz
RF range	Up to 70m (230 ft)
Siren	100dBA or more (1 meter)
Humidity Range	5% to 90%
Dimensions	13.43cm X 21.17cm X 5.1cm (5.29in X 8.34in X 2.01in)
Weight	365g /12.87oz., 567g/20 oz. with batteries

Certifications

CE   EN 50131-4 Grade 2   EN 50130-5 Class IV

Warranty

For complete warranty information on this product, please refer to the Limited Warranty Statement found on the 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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SR130 Outdoor Wireless Siren w/Built-In Strobe Light

Overview

The SR130 is a stand-alone, fully supervised outdoor wireless siren with built-in strobe light and wireless transceiver. The SR130 uses 2-way wireless communication, which provides continuous supervision between the panel and siren with fast response to alarm signals within four seconds With normal use, the SR130 will function up to three years without the need to replace the batteries. The SR130 operates using three 1.5VDC size "C" alkaline batteries.
This guide describes how to install and configure the SR130 wireless siren.
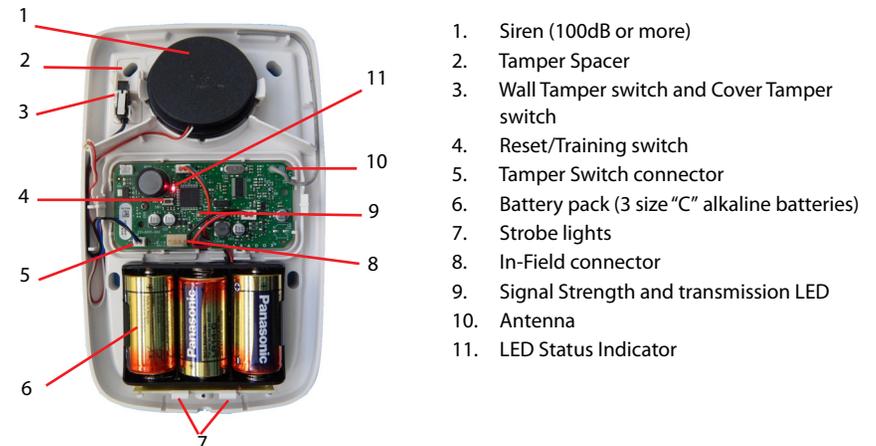
SR130 I/Os and Connectors

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

Figure 1: SR130 I/Os and Connectors

LED Feedback

LED Indicator	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

Compatibility

The following Paradox products are compatible with the SR130.

- EVOHD v1.20 or higher
- EVO192 v3.20 or higher
- MG/SP series v4.0 or higher (except SP4000)
- MG6250 v3.0 or higher
- RTX3 : SP Series v1.5 or higher; EVO Series RTX3 v5.30 or higher
- BabyWare v2.8 (v2.30 for EVO) or higher

- K32+ v1.0 or higher
- K32LCD v1.3 or higher
- K32LCD+ v1.0 or higher
- K32LX v1.0 or higher
- In-Field Upgrade software v3.8 or higher

For latest updates visit our website: www.paradox.com

Installation

1. Write down the serial number (on the back of the unit) and location of the SR130 for later reference, to insert into the Paradox BabyWare software.
2. Remove the top cover from the siren.
   a. Open the lock at the bottom of the siren with a screwdriver.
   b. Pry the cover apart from the back plate starting from the bottom.

Figure 2: Removing the Top Cover

3. Remove the PCB cover.
4. Screw the SR130 siren onto the wall through the four provided holes (3 provided holes and the Tamper Spacer.
   IMPORTANT: Ensure that the Tamper switch is screwed onto the wall through the Tamper Spacer.
5. Batteries:
   a. If the siren already has batteries installed:
     • Remove the plastic tab between the top battery terminals and the battery compartment
     • Leave the cover off until you train the siren
   b. If the siren does not have batteries installed:
     • Insert the batteries - ensure correct polarity
     • Leave the cover off until you train the siren
6. After programming the siren (see **Programming** below): Reinstall the PCB cover.
7. Reinstall the top cover and lock.

Programming

Program the SR130:

- With a keypad or:
- With BabyWare software (BabyWare)

Note: Refer to the MG/SP, EVO192 or EVOHD Programming Guide for more details on how to program SR130 wireless sirens.

Programming with a Keypad

Feature	Program		
	MG6250	**MG/SP**	**EVO192/HD**
	Sections correspond to sirens1-4 **EXAMPLE**: [0802]: Learn Siren 2 for MG6250.		Sections correspond to sirens 1-8
Learn Siren	[0801] – [0804]	[683] – [686]	[2851] – [2858]
	Press and hold the **Reset/Training** switch for 3 seconds after entering the section to learn the siren. **WARNING**: When pressing the Reset/Training switch, the SR130 squawks and the strobe light flashes five times to confirm siren registration to the panel.		
Assign Partition to Siren	-	-	[2861] – [2868]
Display Signal Strength	[0801] – [0804]	[687] – [690]	[2871] – [2878]
	Press and hold the **Reset/Training** switch for 3 seconds after entering the section to display the siren signal strength that the panel receives. Requires keypad K32LCD V1.3 or higher.		
Label Siren	[0811] – [0814]	[691] – [694]	-
	Labels identify sirens when reporting events (for MG/SP only: via e-mail through the IP100/ IP150. For MG6250 through SMS personal reporting) and for troubleshooting purposes. Maximum 16 characters.		
Temporary Tamper Switch Deactivation for Maintenance	[0800]	[695]	[2870]
	Press **[ENTER]** after entering the section to deactivate tamper alarm until the cover is reinstalled or after 30 minutes.		
Panel Supervision of Siren	[0820]	[587]	-
	ON: Enabled (default) OFF: Disabled		
	The control panel supervises the presence of the SR130. If lost, the control panel follows global supervision options set in the control panel.		

Programming with BabyWare

1. Open BabyWare > Connect your Account.
2. In the Main window: Select the **Add Item** button > **Wireless Sirens**.
3. Fill-in the SR130 label, location and serial number.
4. Select **Save.**