



Lenses



Included Items:

- 1 strobe lens (available in red, blue, amber, or clear)
- 3 type "D" alkaline batteries

Required/Optional Items:

- Mounting hardware
- 8-16Vac, or 9-20Vdc external power supply (optional)

Compatibility:

- MG/SP series V4.0 (EVO coming soon)
- MG6130/MG6160 V3.0
- RTX3 V1.5
- K32LCD V1.3
- WinLoad V4.7 (with In-Field Upgrade Software V2.3)
- For latest updates visit paradox.com

Description

The SR150 is a weatherproof, stand-alone, and fully supervised wireless siren with built-in strobe light and wireless transceiver.

The SR150 operates using 3 size "D" alkaline batteries. With normal use, the SR150 will function up to 3 years without the need to replace the batteries (battery life can be extended by using an optional AC or DC power supply).

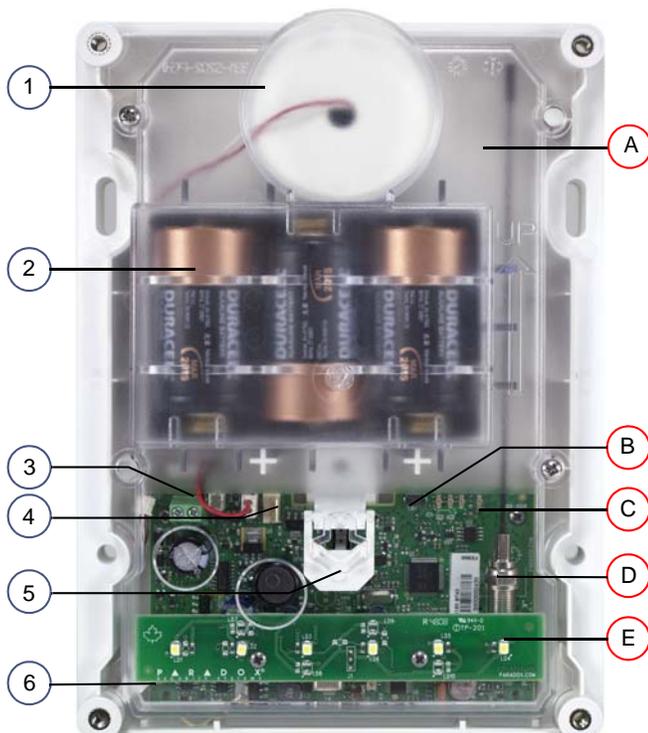
The SR150 uses 2-way wireless communication, which provides continuous supervision between the panel and siren with fast response to alarm signals of up to 4 seconds.

With its tough weatherproof construction, the SR150 will operate reliably from -30°C to 50°C (-22°F to 122°F) when using alkaline batteries or power supply.

Features

- Internal protective plastic cover (see A below)
- Built-in transceiver
- 100db wireless siren (see 1 below)
- Integrated strobe light (see E below)
- Weather-resistant design using a PC/ABS enclosure with UV protection and a silicone coated PCB
- Fast alarm response time (4 seconds)
- 2.5 hour alarm display (strobe flashes every 4 seconds after bell cut-off)
- Siren presence supervised by control panel
- Panel presence supervised by siren (activates siren and strobe for 5 minutes if communication is lost)
- Triple tamper protection for screw removal, cover removal, and removal from wall (see 5 and 6 below)
- Assign up to 4 sirens per control panel
- Firmware upgradeable via 307USB (see 4 below)
- Siren test mode

Overview



- 1) 100dB siren
- 2) Battery pack (3 size "D" alkaline batteries) with gold plated battery connections, or optional 3.6Vdc
- 3) Power supply input (8-16Vac / 9-20Vdc)
- 4) In-field firmware upgrade connector
- 5) Dual-action tamper switch (detects when cover is removed and when unit is removed from wall)
- 6) Tamper switch (detects screw removal)

- A) Internal protective plastic cover
- B) Test switch
- C) Status and Signal Strength LEDs. Refer to LED Feedback on reverse for more information.
- D) Antenna (can be extended using an RG6 or RG59 coaxial cable with standard male F connectors. Attach the antenna using a female/female F adaptor.)
- E) Strobe lights

LED Feedback

| | | |
|---|---|---------------------------------|
|  | | Remove cover to view LED status |
| TX | Sending data | |
| RX | Receiving data | |
| PSSI | Signal strength siren is receiving from panel Flash 4x - strong signal Flash 3x - good signal Flash 2x - weak signal Flash 1x - very weak signal (relocate) No flash - no signal | |
| Status | Flash once/sec. - Processor is on Flash once/4 sec. - Power save mode | |

Specifications

| | |
|-----------------------|--|
| Power | 4.5Vdc (3 size "D" alkaline batteries) Optional: 8-16Vac / 9-20Vdc external power |
| 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)). Using optional power source will extend battery life. |
| Consumption | Sleep: 22uA, Standby: 130uA, Alarm: 550mA |
| RF frequency | 433MHz or 868MHz |
| Siren | 100dB (1 meter) |
| Dimensions | 24cm X 6.cm X 18cm (9.5in X 2.3in X 7in) |
| Operating Temperature | Battery only: -30°C to 50°C (-22°F to 122°F) |
| RF range | 70m (229ft) |

Programming

| MG/SP | Feature | Details |
|------------|--|---|
| [683] | Learn Siren #1 | Press and hold "TEST" switch for 3 seconds after entering the section to learn the siren. WARNING: When you press the "TEST" switch, the SR150 will squawk and the strobe light will flash five times to confirm registration to the panel. |
| [684] | Learn Siren #2 | |
| [685] | Learn Siren #3 | |
| [686] | Learn Siren #4 | |
| [687] | Display Signal Strength Siren #1 | Press and hold "Test" 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. |
| [688] | Display Signal Strength Siren #2 | |
| [689] | Display Signal Strength Siren #3 | |
| [690] | Display Signal Strength Siren #4 | |
| [691] | Label Siren #1 | These labels are used when reporting events via e-mail through the IP100 and for troubleshooting purposes. Maximum 16 characters. |
| [692] | Label Siren #2 | |
| [693] | Label Siren #3 | |
| [694] | Label Siren #4 | |
| [695] | Temporary Tamper Switch Deactivation for Maintenance | Press the [ENTER] key after entering the section to deactivate tamper alarm until the cover is replaced or after 30 minutes. |
| [587] | Panel Supervision of Siren | OFF = disabled ON = enabled (default) |
| Option [3] | Siren #1 (OFF/ON) | The control panel supervises the presence of the SR150. If lost, the control panel will follow global supervision loss option set in the panel. |
| Option [4] | Siren #2 (OFF/ON) | |
| Option [5] | Siren #3 (OFF/ON) | |
| Option [6] | Siren #4 (OFF/ON) | |

Upgrading the Firmware

The SR150 firmware can be upgraded through WinLoad using the 307USB Direct Connect Interface. Refer to the firmware upgrade instructions found at: paradox.com - Software - WinLoad -Firmware Upgrade Instructions.

NOTE: Ensure that the SR150 Wireless Siren is awake before beginning the firmware upgrade. To wake up the siren, press the "test" button. The siren will provide you with a 60 second delay in order to begin the update.

Siren Supervises Panel/RTX3

The SR150 supervises the control panel and the RTX3 every 5 minutes (with external power supply) or every 25 minutes (with battery power only). If after 3 attempts SR150 Wireless does not receive a response, the siren will squawk every 4 seconds and the strobe light will flash every 4 second for a period of 5 minutes. When this occurs, the siren/strobe can be stopped by pressing the disarm button on any of the first 10 remotes assigned to the system.

Tamper Supervision

If a tamper is detected, the SR150 will sound an alarm and the strobe light will flash for 4 minutes. The control panel will follow the global supervision options set in the panel.

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