

PSIREN Wireless Siren-Strobe

The **PSIREN** can be installed in two different ways:

- AC operation with internal DC battery backup
- DC operation with batteries only ("mount anywhere")

Note: For code-compliant outdoor AC operation, the outlet must be in a weatherproof junction box. Follow all proper electrical codes for all outdoor AC installations. Avoid mounting in direct sunlight as this will reduce battery life.



PSIREN
Wireless Siren

The unit is shipped from the factory as a 120VAC device. Four C-cell alkaline batteries **must always** be installed (not included; see **AC With Battery Backup** instructions, on this page). The **PSIREN** can also be powered with batteries only, thus increasing the number of possible installation locations (see **Battery-Only Operation** in WI2727LF). Use one of the two templates in WI2728LF appropriate for the installation. For indoor installations, we recommend the unit be oriented as shown in the image above, but can be installed upside down if needed. When mounting outdoors, the unit must be oriented as shown to maintain moisture resistance. **Note:**

Up to three (3) **PSIREN** units are allowed for each Super Panel.

The siren will "learn" AC presence upon first power up; this means that an AC Power Failure trouble will only be reported if the siren is powered by AC and then AC power is lost or if the siren is removed from the wall power socket. In addition, if the siren is powered by AC and the batteries are low (or not installed), a low battery trouble will be reported. **Four 'C'-size batteries (not included) must always be installed for ALL installations** (we recommend using 4 fresh Duracell alkaline batteries; do not mix battery types, or old and new batteries).

An internal tamper circuit is enabled when the external Tamper Magnet is installed (the Tamper magnet is secured to the wall; it is not installed on the siren). The tamper feature alerts the Super Panel in the event of unauthorized removal or access to the **PSIREN**. For wall outlet installations, install this provided Tamper Magnet with the double-sided tape (also provided) and do NOT use the screws (DO NOT use screws near electrical wiring that runs inside walls). **Important: We recommend the use of hearing protection should the siren activate during installation or testing.** The Super Panel will "learn" the presence of the **PSIREN** when the Tamper Magnet presence is detected; subsequent separation of the Tamper Magnet from the **PSIREN** will trigger a tamper trouble. **Note:** The Super Panel's integral siren only activates upon an Area 1 alarm. All external **PSIREN** units activate upon an alarm in any Area. **Warning: Do not apply AC power when the PSIREN rear cover is open!**

AC With Battery Backup

For AC installations, be sure to select an un-switched 120VAC wall outlet and ALWAYS install the required four 'C'-size batteries (not included) that provide backup power if AC power fails.

PSIREN Signaling Information

The **PSIREN** generates three types of alarm signals: Fire, CO (carbon monoxide) and Burglary, described as follows. Take the appropriate action upon hearing these alarms.



Fire Alarm:

A fire alarm sounding is a Temporal-Three audio alarm consisting of 3 short beeps followed by a short pause before the repetition of the same beep pattern until the condition is cleared.

CO Alarm:

A carbon monoxide alarm sounding is a Temporal-Four audio alarm consisting of 4 short beeps followed by a pause of about 5 seconds before the repetition of the same beep pattern until the condition is cleared.

Burglary Alarm:

A burglary alarm is a continuous alarm sound without breaks.

Simultaneous Fire, CO and Burglary Alarms

In case of any combination of simultaneous Fire, CO and Burglary alarms, the siren will produce only one audible signal according to the signaling priority:

1. Fire (highest)
2. CO
3. Burglary (lowest)

Should simultaneous Fire, CO and Burglary alarms be triggered, Fire takes precedence. If the Fire alarm is then manually silenced at the Super Panel, the siren will then begin sounding a CO cadence until the CO cadence is silenced by the user with their passcode. The continuous Burglary alarm will then sound until manually silenced. **Note:** FIRE and CO are deadly occurrences! DO NOT silence without fully investigating the premises; these signals will reoccur if not addressed correctly. In the event of CO, leave the premises and call the appropriate agency.

Specifications -- Siren-Strobe (Model PSIREN)

Input Power

120VAC and/or four (4) 'C'-size batteries (Important: Batteries must always be installed for AC backup installation). We recommend using Duracell alkaline; never use less than 4 fresh batteries and do not mix battery types, and do not mix old and new batteries. See "Weather Proofing", below.

Input Current (120VAC)

1.60mA standby current; 3.26mA when siren active

Operating Temperature

32° to 120.2°F (0° to 49°C)

Relative Humidity (Storage)

85% Max. non-condensing

Weather Proofing

For code-compliant outdoor AC operation, the outlet must be in a weatherproof junction box. For outdoor operation, note the temperature range in "Operating Temperature", above.

Dimensions (W x H x D)

3.5 x 6.75 x 2.5 in. (8.9 x 17.1 x 6.4cm)