

alula™ RE616 Wireless Siren Connect+™ Encrypted



The RE616 Wireless Siren is an auditory warning device that produces high volume warning sounds and low volume notification sounds.

Features

- Siren cadence synchronized to panel
- 85 dBA minimum at 1m
- LEDs follow arming status and trouble conditions from panel

Sounds a high volume warning for burglary, smoke and carbon monoxide alarm conditions. Low volume notification sounds are made for auxiliary alarm, status, and trouble conditions. The siren will tamper when the cover is opened. The siren will follow the panel's alarm pattern and will chime when the panel chimes. Status beeps and volume are adjustable through the Connect+ Installer application or in the AlulaConnect™ portal.



To control chime and status beeps, adjust DIP switch 2.

- Up position: status beeps and sensor chime are disabled
- Down position: status beeps and sensor chime are enabled

Note: siren does not support the panel's Chime Volume High setting

Enroll by placing the panel into wireless enrollment mode and then pulling the battery tab, or by inserting the battery. Alternatively, move DIP switch 1 to the ON position. After enrolling the siren, take the panel out of wireless enrollment mode. Close the battery cover. The blue LED should be solid and the panel will beep when the siren is enrolled successfully.

- Once the siren is properly enrolled, test functionality in a desired location.
- The panel supports up to eight RE616 sirens at one time.

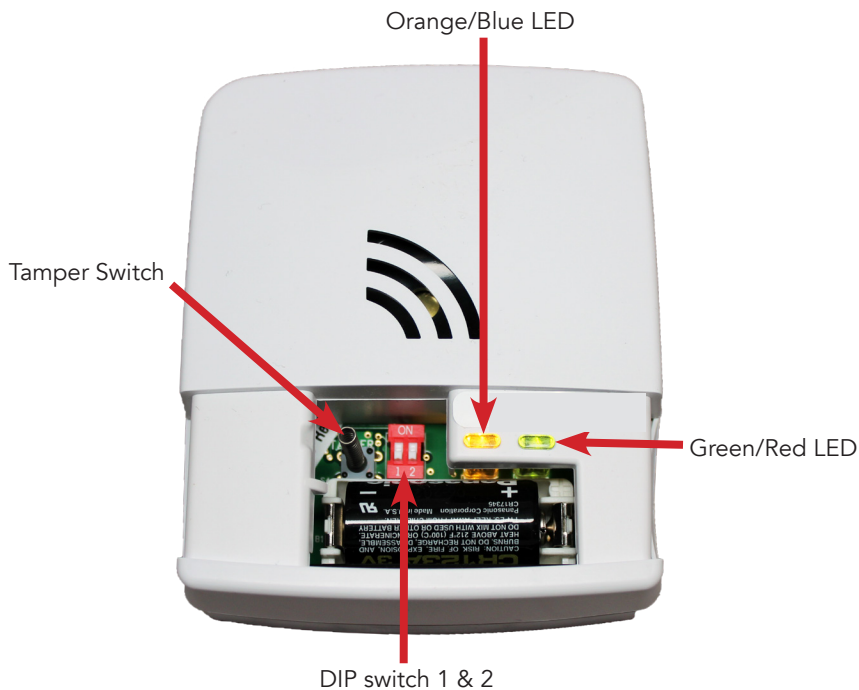
To replace the batteries, pull the battery cover off the front of the siren to expose the battery compartment.

Optional screw mounting can be done by securing the siren to a surface with the outlet plate mounting screw.

Use the panel installation guide to verify proper system setup.

Troubleshooting

Symptom	Status	Possible Solution
Blue LED blinks slowly	Not enrolled	Enroll siren into panel
Blue LED is off	Loss of AC Power to Panel	Ensure panel is plugged in
Orange LED is on	Cover tamper on siren is open	Close the siren's cover
Orange LED is on	Loss of AC Power to Siren	Ensure the siren is plugged into the outlet
Orange LED is on	Trouble condition somewhere on the system	Enter the dealer portal and check the specific trouble condition
Red LED is on	Panel is armed	
Blue LED is on	System is okay	
Blue LED blinks quickly	Siren receiving transmissions from the panel	
Green LED blinks	Zone is open on panel	



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Specifications

Physical	
Housing Dimensions	3.4 x 4 x 1.3 inches (8.6 x 10.2 x 3.3 centimeters)
Weight with Batteries	4.7 ounces (133 grams)
Mounting Hardware	Outlet plate mounting screw (break off mounting tab in Canada)
Environmental	
Operating Temperature	32°F to 120°F (0°C to 49°C)
Maximum Humidity	85% non-condensing relative humidity
Sensor Specifications	
Frequency	433 MHz
Replacement Battery	One Panasonic CR123A
Backup Battery Life	48 hours cumulative, non rechargeable
Battery Voltage	3.0 VDC (nominal)
Current Draw	25mA (nominal)
Sounder Loudness	85 dBA, minimum at 1m
Shortest ON pulse	250 ms
Shortest OFF pulse	250 ms
Electrical Connection	US 2-prong electrical outlet blades
Transmitted Indications	Low Battery, Supervisions, Cover Tamper
Certification	
RE616	FCC, IC

Specifications subject to change without notice

FCC NOTICE

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference.
- (2) This device must accept any interference that may be received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by Alula could void the user's authority to operate this equipment.

FCC ID: U5X-RE116

IC NOTICE

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

- (1) This device may not cause interference, and
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

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.

IC: 8310A-RE116

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