



Superior StreetSiren DoubleDeck Jeweller

Wireless outdoor siren with a clip lock for a branded faceplate. Developed for projects

Communication	<p>Jeweller communication technology Proprietary wireless communication technology to transmit commands, alarms, and events.</p> <p>Key features:</p> <ul style="list-style-type: none">• Two-way communication.• Advanced sabotage protection.• Block encryption featuring a dynamic key.• Instant notifications.• Remote configuration in the Ajax apps. <p>Frequency bands 868.0–868.6 MHz</p> <p>Maximum effective radiated power (ERP) up to 25 mW Automatic power control to reduce power consumption and noise interference.</p> <p>Radio signal modulation GFSK</p> <p>Radio signal range up to 1,500 m up to 4,500 ft Between the siren and the hub or range extender in an open space.</p> <p>Encrypted communication All the data stored and transmitted are protected by block encryption with a dynamic key.</p> <p>Frequency hopping Radio communication uses frequency hopping to prevent interception and jamming.</p>
Key features	<p>Alarm type acoustic and LED Buzzer and LED.</p> <p>Type of warning device type X External, self-powered, remote power source with EN 50131-6 compliant power supply.</p> <p>Alarm volume from 85 to 113 dB at a distance of 1 m 3.3 ft Adjusted by PRO or user with admin rights in the Ajax app.</p> <p>Alarm duration from 3 s to 3 min Adjusted by PRO or user with admin rights in the Ajax app.</p>

	<p>Siren sound frequency 1.60–4.5 kHz</p> <p>Events indication</p> <ul style="list-style-type: none"> • Alarms. • Delays when entering/leaving. • Security mode. • Security mode changing. • After-alarm indication. <p>Chime The siren makes a special sound to notify that the opening detectors are triggered when the system is disarmed.</p> <p>Jamming detection The siren detects jamming and alarms about it.</p>
	The siren is designed for indoor and outdoor use. Recommended installation height is 2.5 m 8.2 ft and higher.
Customized branded faceplate	<p>Brandplate Security service providers can print their logo and contact information on the siren's front panel.</p>
	Brandplate is sold separately from street sirens. To place an order, reach out to your regional Ajax partner. You can also compose a faceplate design in the Brandplate constructor.
Sabotage protection	<p>Tamper alarm Notifications on attempts to detach the siren from the surface or remove it from the mounting panel.</p> <p>Protection against spoofing device authentication</p> <p>Communication loss detection after 36 s Detection time depends on the Jeweller or Jeweller/Fibra settings.</p>
Main power supply	<p>Batteries 4 × CR123A 3 V⁼⁼ Lithium battery Pre-installed.</p> <p>Type Type C.</p> <p>Calculated battery life up to 5 years</p> <p>Siren's operating voltage range 3. 65–6. 2 V⁼⁼</p> <p>Siren's nominal operating voltage 6 V⁼⁼</p> <p>Quiescent siren's current consumption at nominal voltage 60 µA</p>

	<p>Peak siren's current consumption at nominal voltage 1.1 A When the siren sounds at the Very Loud volume level.</p> <p>Average siren's current consumption at nominal voltage 454 mA When the siren sounds at the default volume level. Regardless of the arming mode.</p> <p>Full capacity 6,400 mAh</p> <p>Low battery voltage 4.25 V⁼⁼</p> <p>End- of- life battery voltage 3.65 V⁼⁼ Device is switched off.</p> <p>End- of- life battery capacity 460 mAh</p> <p>Manufacturer Panasonic</p>
Optional power supply	<p>Remote power supply's operating voltage 6–20 V ⁼⁼</p> <p>Remote power supply's nominal voltage 12 V⁼⁼</p> <p>Quiescent siren's current consumption at nominal voltage 0.016 A</p> <p>Average siren's current consumption at nominal voltage 0.29 A When the siren sounds at the default volume level. Regardless of the arming mode.</p> <p>Peak siren's current consumption at nominal voltage 0.36 A When the siren sounds at the Very Loud volume level.</p>
Enclosure	<p>Dimensions 200 × 200 × 55 mm 7.87" × 7.87" × 2.17"</p> <p>Weight 517 g 18.24 oz</p> <p>Operating temperature range from –25°C to +60°C from –13°F to 140°F</p> <p>Operating humidity up to 95%</p> <p>Protection class IP54</p>

Colours	Black White
Complete set	Superior StreetSiren DoubleDeck Jeweller SmartBracket mounting panel Installation kit Quick start guide
Warranty	24 months