

# StreetSiren Jeweller

Wireless siren with LED frame.

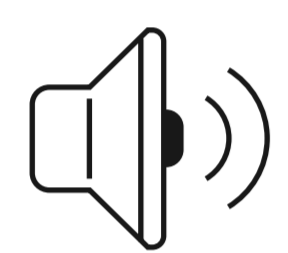


An Ajax hub is required for operation.  
Find the detailed information on the device at the link:

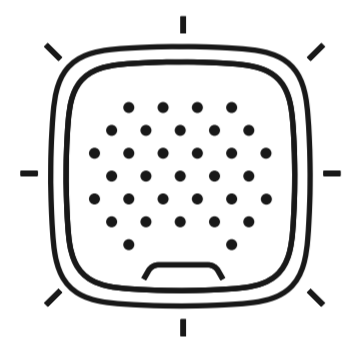
 [ajax.systems/support/devices/streetsiren/](https://ajax.systems/support/devices/streetsiren/)



## Key features



Adjustable volume: from 85 dB to 113 dB



Delay and security mode changing indication



IP54 protection class



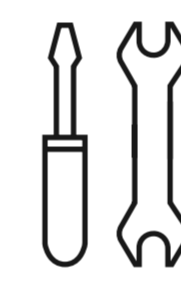
Remote control and setup via the app



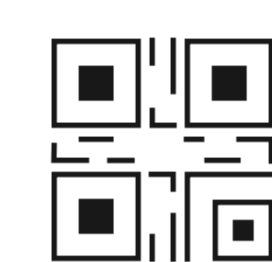
Adjustable alarm duration:  
from 3 s to 3 min



Door opening notifications

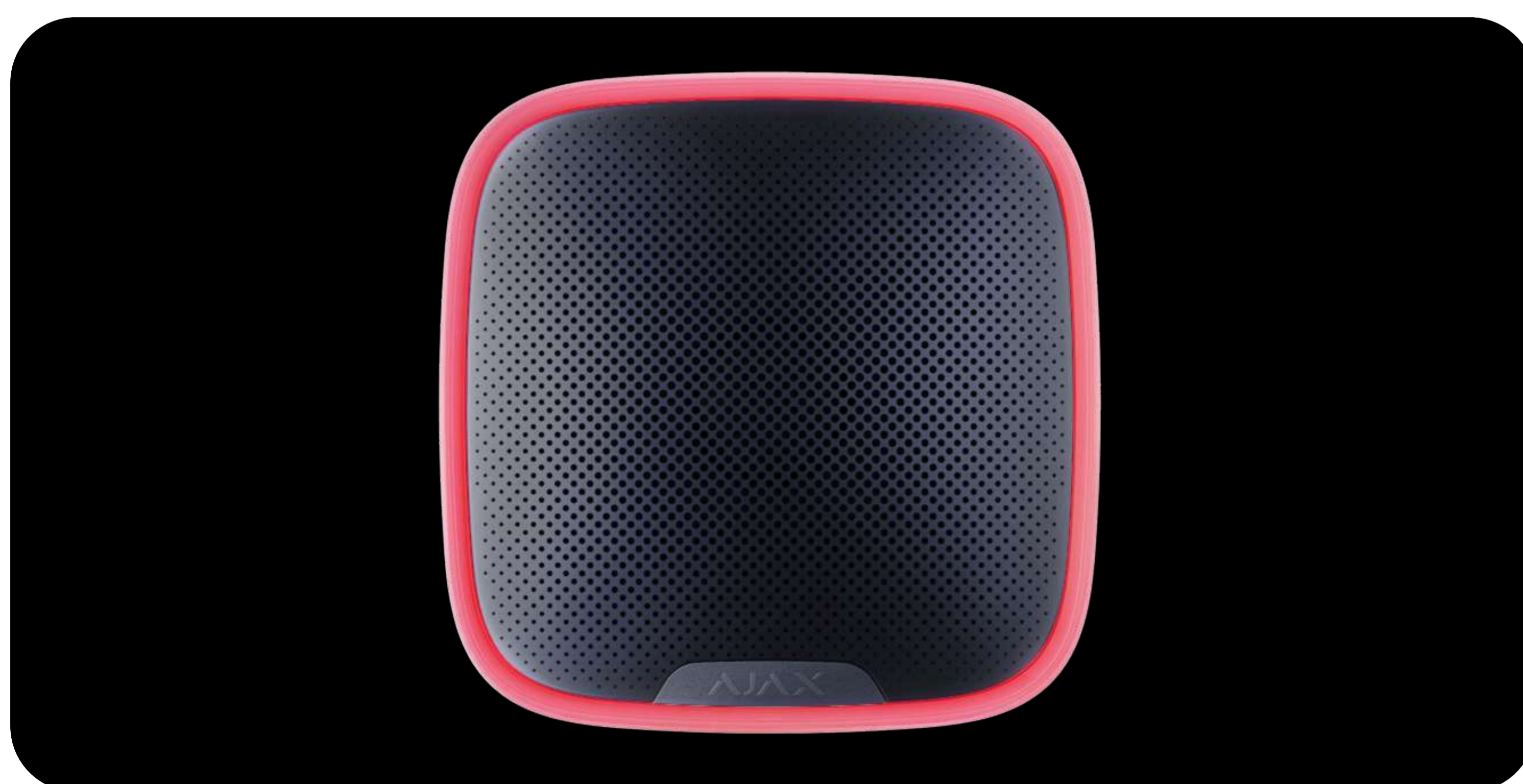


Effortless installation and replacement



Connecting via QR code

## Operating principle



### Informs about alarms

The siren responds to tamper and security system alarms in less than a second. It is loud enough to scare away intruders and attract the attention of neighbours.

## Serves as a security status indicator

The siren LED notifies that the facility is armed, and a sound signal indicates **Delay When Entering / Leaving**. These are helpful features for the users who control the security system with a keypad or key fob.



## Informs about alarms

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**Jeweller**

**communication technology**




**Jeweller** is a **two-way wireless protocol** that provides fast and reliable communication between hubs and devices. The protocol delivers instant data-rich alarms: security companies and users know who and when has armed or disarmed the facility.

Jeweller features **encryption** and **authentication** to prevent forgery, and **polling** to display devices' status in real-time. Supporting **up to 1,500 m** of wireless connectivity between StreetSiren and hub (or range extender), Jeweller is ready to protect facilities and deliver **the best user experience** for both end-users and installers.

## Technical specifications

|                           |  |               |   |
|---------------------------|--|---------------|---|
| Compliance with standards | <b>EN 50131 (Grade 2)</b><br><b>PD 6662:2017</b> | Compatibility | <b>Hubs</b><br>all Ajax hubs<br><br><b>Range extenders</b><br>all Ajax radio signal range extenders |
|---------------------------|--|---------------|---|

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|---|--|---|
| <p>Communication with control panel and range extenders</p> | <p> <b>Jeweller communication technology</b></p> <p><b>Frequency bands</b><br/> 866.0 – 866.5 MHz<br/> 868.0 – 868.6 MHz<br/> 868.7 – 869.2 MHz<br/> 905.0 – 926.5 MHz<br/> 915.85 – 926.5 MHz<br/> 921.0 – 922.0 MHz<br/> Depends on the region of sales.</p> <p><b>Maximum effective radiated power (ERP)</b><br/> ≤ 20 mW</p> <p><b>Communication range</b><br/> up to 1,500 m<br/> In an open space.</p> <p><b>Polling interval</b><br/> 12 – 300 s<br/> Adjusted by PRO or user with admin rights in the Ajax app.</p> <p><b>Protection against forgery</b><br/> Device authentication</p> | <p>Features</p> <p><b>Alarm type</b><br/> acoustic and light</p> <p><b>Alarm volume</b><br/> from 85 to 113 dB at a distance of 1 m<br/> Adjusted by PRO or user with admin rights in the Ajax app.</p> <p><b>Alarm duration</b><br/> from 3 s to 3 min<br/> Adjusted by PRO or user with admin rights in the Ajax app.</p> <p><b>Siren sound frequency</b><br/> 3.5 ± 0.5 kHz</p> <p><b>Chime</b><br/> The siren makes a special sound to notify that the opening detectors are triggered when the system is disarmed.</p> |
| <p>Power supply</p>   | <p><b>Main power supply</b><br/> 4 × CR123A battery<br/> Pre-installed</p> <p><b>Optional power supply</b><br/> 12 V<sub>DC</sub>, 1.5 A</p> <p><b>Battery life</b><br/> up to 5 years</p>   | <p>Installation</p> <p><b>Operating temperature range</b><br/> from -25°C to +60°C</p> <p><b>Operating humidity</b><br/> up to 95%</p> <p><b>Protection class</b><br/> IP54</p>   |

|   |  |
|---|--|
| <p>Enclosure</p> <p><b>Colours</b><br/>white, black</p> <p><b>Dimensions</b><br/>200 × 200 × 51 mm</p> <p><b>Weight</b><br/>97 g</p> <p><b>Anti-sabotage tampering alarm</b><br/>Triggered when the device body is opened.</p> <p><b>accelerometer</b><br/>Activated when someone's try to move or dismount the device.</p> | <p>Complete set</p> <p>StreetSiren Jeweller<br/>4 × CR123A battery<br/>Pre-installed<br/>SmartBracket<br/>Installation kit<br/>Quick Start Guide</p> |
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