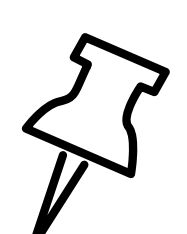


HomeSiren Jeweller

Wireless siren with external LED connector.



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

 <https://ajax.systems/support/devices/homesiren/>



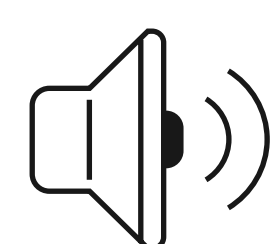
2
GRADE
EN 50131

PD 6662
2017

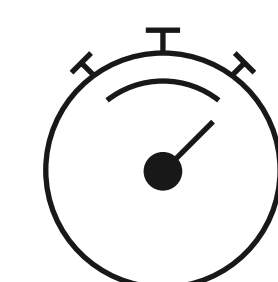
SIA
CP-01

UL®
LISTED

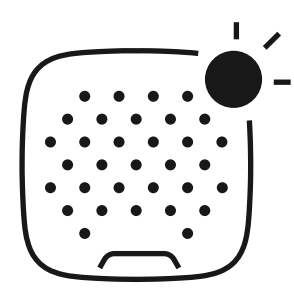
Key features



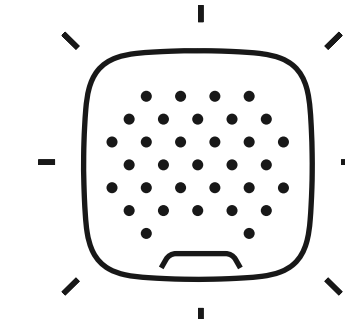
Adjustable volume: from 80 dB to 100 dB



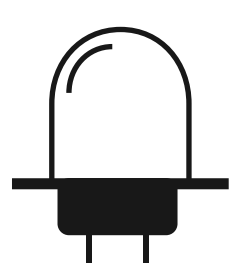
Adjustable alarm duration¹:
from 3 to 180 s



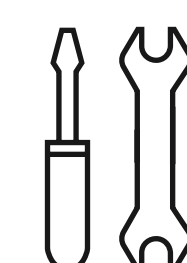
Delay and security mode
changing indication



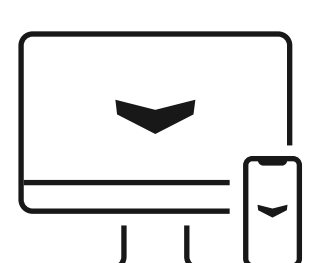
Door opening notifications



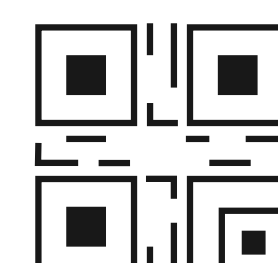
External LED connector



Effortless installation and replacement

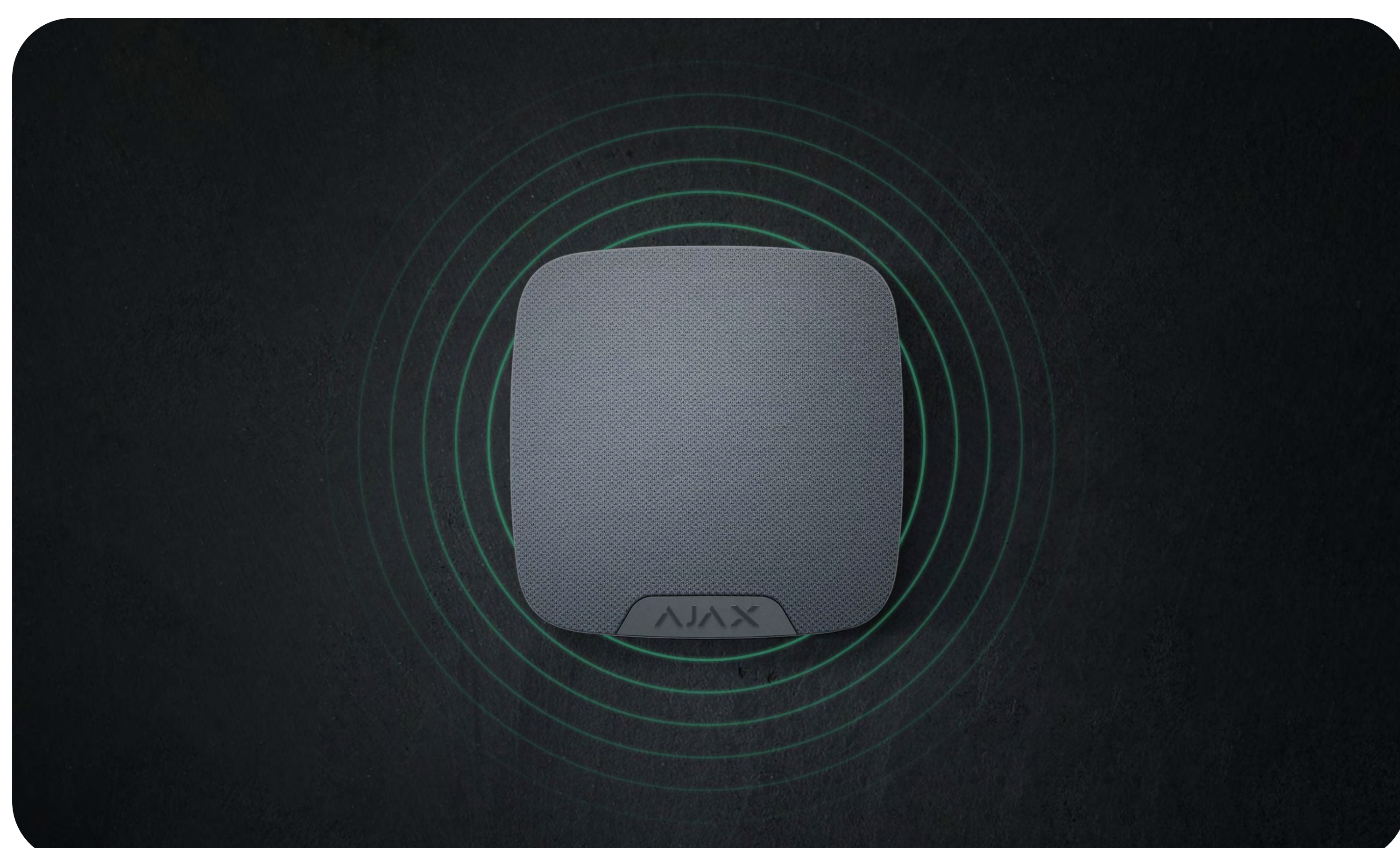


Remote control and setup via the app



Connecting via QR code

Operating principle

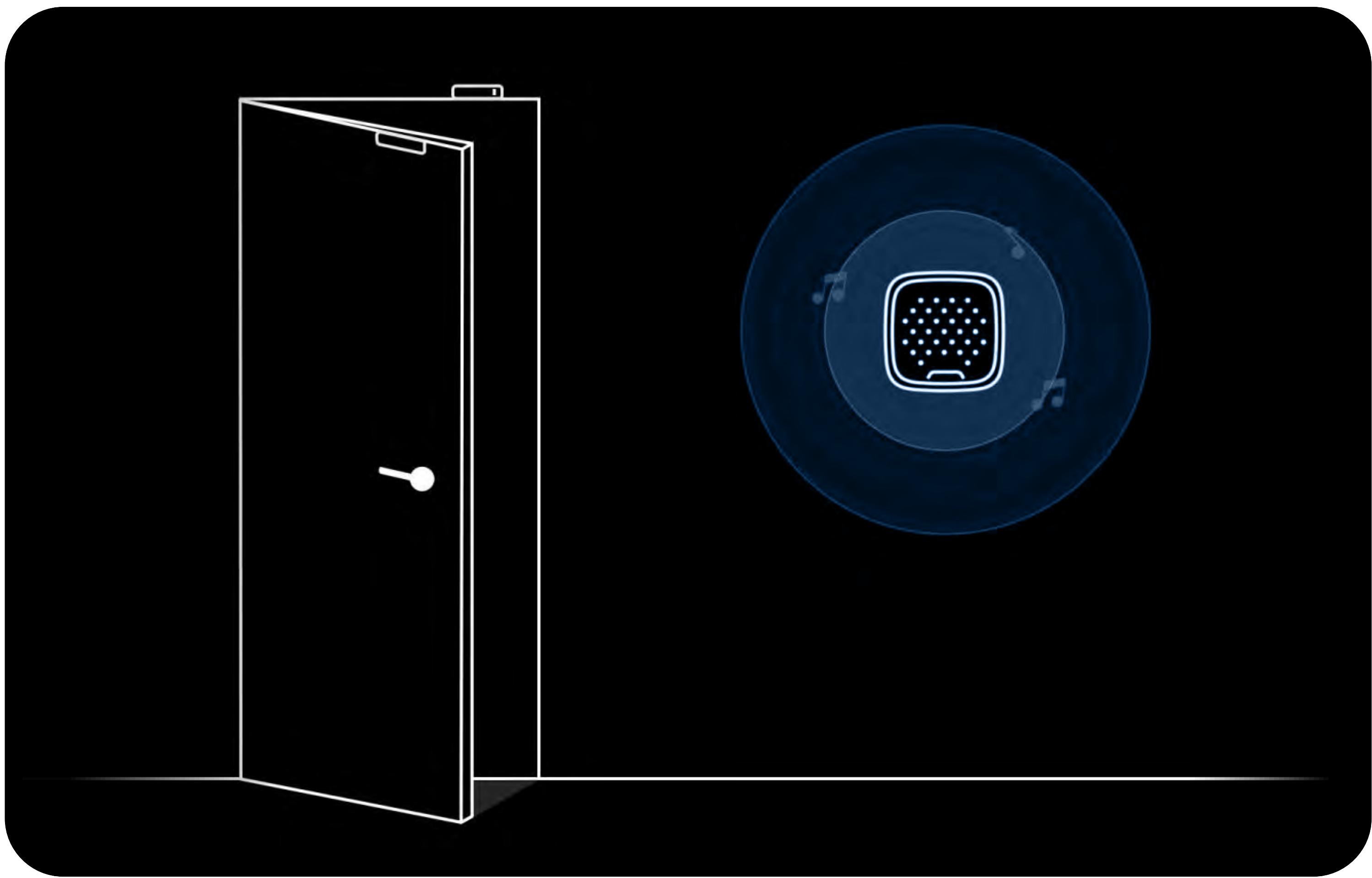


Informs about alarms

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.



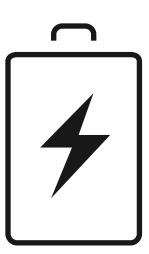
Notifies on door opening

When the **Chime** feature is enabled, the siren makes a special sound to indicate that the opening detectors are triggered when the system is disarmed. The feature is used, for example, in stores to notify employees that someone has entered the building.

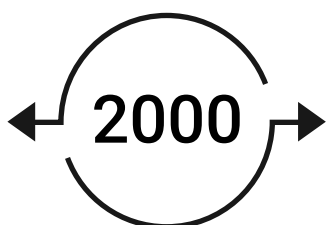


Jeweller is a **two-way wireless protocol** that provides fast and reliable communication between hubs and devices. The protocol delivers instant data-rich alarms: security companies and users know who and when has armed or disarmed the facility.

Jeweller features **encryption** and **authentication** to prevent forgery, and **polling** to display devices' status in real-time. Supporting up **to 2,000 m** of wireless connectivity, Jeweller is ready to protect facilities and deliver **the best user experience** for both end-users and installers.



Up to 5 years of operation on pre-installed battery



Up to 2,000 m of two-way encrypted wireless communication between hub and siren

Technical specifications

Compliance with standards	EN 50131 (Grade 2) PD 6662:2017 SIA CP-01 UL985, UL1023, UL2610 ULC S545, ULC S304	Compatibility	Hubs all Ajax hubs Range extenders all Ajax radio signal range extenders
Communication with control panel and range extenders	 Jeweller communication technology Frequency bands 866.0 – 866.5 MHz 868.0 – 868.6 MHz 868.7 – 869.2 MHz 905.0 – 926.5 MHz 915.85 – 926.5 MHz 921.0 – 922.0 MHz Depends on the region of sales Maximum effective radiated power (ERP) ≤ 20 mW Communication range up to 2,000 m In an open space Polling interval 12 – 300 s Adjusted by PRO or user with admin rights in the Ajax app Protection against forgery Device authentication	Features	Types of notifications Acoustic LED Alarm volume from 80 to 100 dB at a distance of 1 m Adjusted by PRO or user with admin rights in the Ajax app Alarm duration from 3 to 180 s Adjusted by PRO or user with admin rights in the Ajax app Siren sound frequency 3.4 ± 0.5 kHz Additional LED connection 3 V An external LED works in parallel with the siren built-in LED and fully replicates its indication Chime The siren makes a special sound to notify that the opening detectors are triggered when the system is disarmed

Power supply	Battery 2 × CR123A Pre-installed Battery life up to 5 years	Installation	Operating temperature range from -10°C to +40°C Operating humidity up to 75%
Enclosure	Colors white, black Dimensions 75 × 76 × 27 mm Weight 97 g Tamper alarm	Complete set	HomeSiren Jeweller 2 × CR123A battery (pre-installed) SmartBracket Connector for LED indicator Installation kit Quick start guide

¹ Alarm duration of 3 to 15 minutes is available only for sirens with firmware version 5.60.4.14 or higher. The function is available in the USA and Canada only when the siren is connected to the hub with NA X.X.X firmware version.