Baseline

HomeSiren Plus Jeweller

Wireless siren with extended audio capabilities and flexible alerts



Powerful alarms and flexible daily alerts

HomeSiren Plus Jeweller is a wireless indoor siren designed to bring together reliable intrusion deterrence and flexible audio alerts for everyday use. Instead of a traditional buzzer, the siren features a built-in speaker that can play both loud alarms and polyphonic melodies for chimes and doorbell calls. Volume, duration, and per-mode settings are all adjustable in Ajax apps. This indoor siren operates on pre-installed batteries for up to two years and communicates wirelessly at a distance[1] of up to 2,000 m (6,550 ft) via Superior Jeweller and Wings radio protocols.

2 GRADE EN 50131

PD 6662 2017

One device, multiple missions

- Alarm
- Security state
- Entry/exit delay
- After-alarm indication
- Chime for opening detectors and DoorBell calls

Enhanced sound experience

- Built-in speaker instead of a traditional buzzer for clear and powerful sound
- Multiple polyphonic melodies for chimes and doorbell calls
- Flexible alert customization: volume level, signal duration, melody selection, and more

Flexible sound configuration

- Adjustable volume[2] for alarms and events: 80–100 dB
- Configurable alarm duration: from 3 s to 3 min
- Independent settings for each operation mode
- Group mode support: the siren responds only to events within its assigned group

Superior Jeweller and Wings communication technologies

- Up to 2,000 m (6,550 ft) of radio communication[1] in open space
- Enhanced encryption throughout data transmission
- Automatic firmware updates

System supervision

- Early low battery notifications and state display in Ajax apps
- Automatic device self-tests with status reporting
- Regular polling
- Notifications in case of malfunctions

Sabotage resistance

- Tamper alarm on device detachment
- Holding screw to secure the siren to SmartBracket
- Frequency hopping to prevent radio interference
- Device authentication to prevent spoofing
- Notifications of jamming and connection loss
- Regular polling to control the device states

Long-lasting performance

- Up to two years of operation on pre-installed batteries
- Easy battery replacement within minutes
- Option to connect an external 12 V⎓ power supply

Easy installation and setup

- Adding to the system via a QR code
- SmartBracket mounting panel for installation without enclosure disassembly
- Bubble level to check the inclination angle during installation
- Remote control and configuration in mobile and desktop Ajax apps
- Installation kit with all necessary fasteners



Compliance with standards

EN 50131 (Grade 2)
PD 6662:2017

Compatibility with hubs and range extenders

For detailed information, scan the QR code or follow the link:

ajax.systems/tools/devices-compatibility/?models=HS.P.J

Communication with a hub or range extender

Superior Jeweller and Wings communication technologies

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 sales region

Communication range[1]
up to 2,000 m
up to 6,550 ft
In open space

Alerts

Alarm
Acoustic

Entry/exit delay
Acoustic

Security mode
Acoustic, LED

Security state
LED

Chime feature
Acoustic

After-alarm indication
LED

Features

Alarm volume[2]
80 dB to 100 dB
Adjusted by a PRO or a user with admin rights in Ajax apps

Alarm duration
from 3 s to 3 min

Siren sound frequency
3.4 ± 1 kHz
1.60–4.5 kHz

Power supply

Battery
2 × CR123A
(pre-installed)

Battery life
up to 2 years

Option to connect
an external 12 V⎓ power supply

Installation

Operating temperature
–10 °C to +40 °C
14 °F to 104 °F

Operating humidity
up to 75%

Enclosure

Color
white, black

Weight
176 g
6.21 oz

Dimensions
92 × 92 × 38 mm
3.62" × 3.62" × 1.50"

Protection class
IP50

Complete set

HomeSiren Plus Jeweller
2 × CR123A battery (pre-installed)
Installation kit
Quick start guide

[1] Communication range depends on the hub model.
[2] Measured at a distance of 1 m (3.3 ft) away from the siren.

For detailed information, scan the QR code or follow the link:

ajax.systems/support/devices/homesiren-plus-jeweller/

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