Fibra

StreetSiren DoubleDeck Fibra

Wired siren with a clip lock for a branded faceplate. Designed for indoor and outdoor use.



IP54

2 GRADE EN 50131

PD 6662 2017

The device is compatible only with hubs supporting Fibra protocol. Find the detailed information via QR code or at the link:

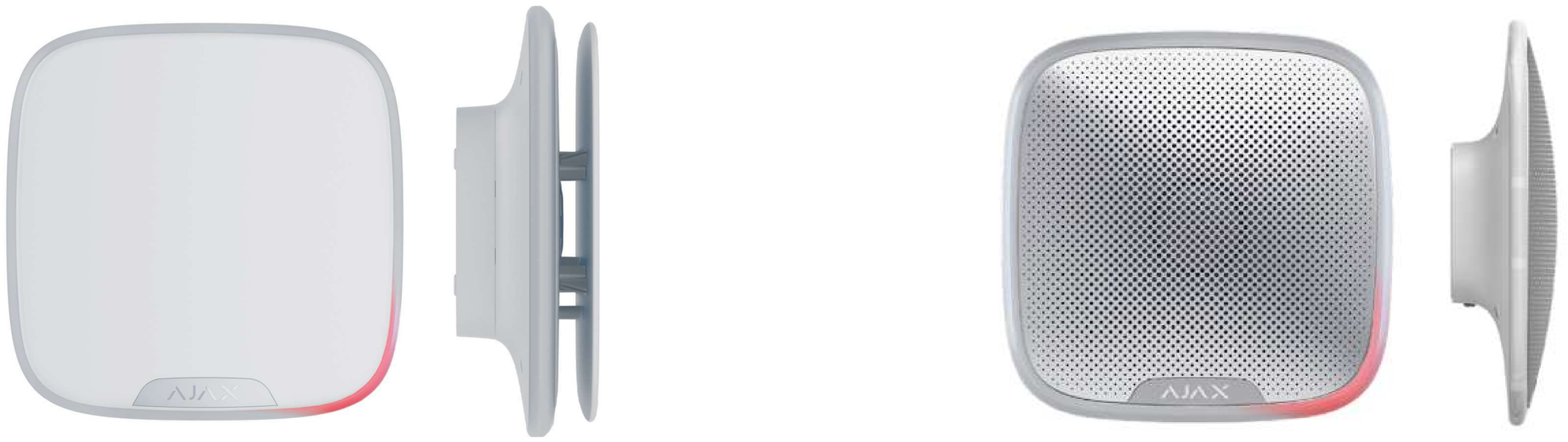
ajax.systems/support/devices/streetsiren-doubledeck-fibra/

StreetSiren DoubleDeck Fibra is the device of the Fibra wired product line. Such devices can only be purchased, installed, and administered by accredited Ajax Systems partners.

Key features

- Adjustable volume: from 85 dB to 113 dB
- Adjustable alarm duration: from 3 s to 3 min
- Delays and security mode changing indication
- Chime feature
- Remote configuring and testing in mobile and desktop apps
- SmartBracket mounting panel for installation without disassembling t he siren enclosure
- Power consumption of up to 0.37 W
- Pairing with the security system via QR code or Fibra bus scanning

Additional promotion of security services



StreetSiren DoubleDeck | StreetSiren

The main difference between StreetSiren DoubleDeck and StreetSiren is the Brandplate faceplate. Security service providers can print their logo and contact information on the front panel of an outdoor siren. Located at the building, it will serve as an additional marketing channel that reaches new customers: neighbours and visitors.

How to order Brandplate



Brandplate is available in black or white and sold in batches separately from StreetSiren DoubleDeck. One batch is 10 pcs. You get a free print of one design on all panels when ordering four Brandplate batches (40 pcs) or more. Compose your Brandplate layout in 3 steps with a **Brandplate Constructor** following the link: **ajax.systems/brandplate-constructor/**

To order Brandplate, please contact the Ajax distributor in your region.

Notifies about everything



Alarms

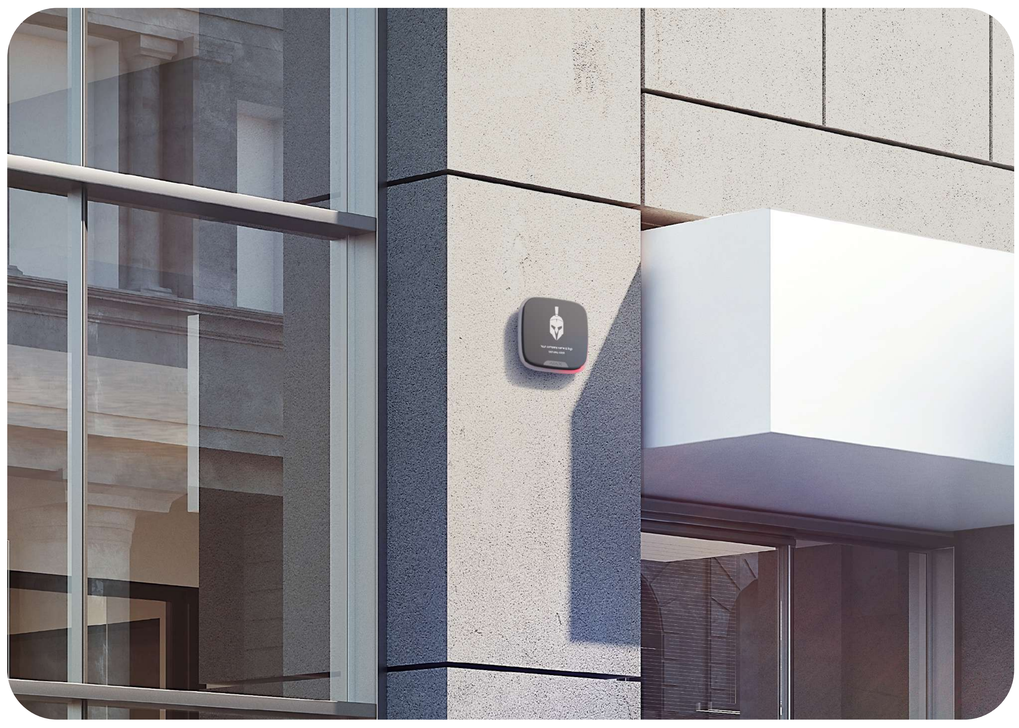
The siren responds to alarms with a bright LED and a buzzer loud enough to scare away intruders and draw the attention of neighbours. It can be set to generate sound from 85 to 113 dB for an adjustable period of 3 seconds to 3 minutes.

Or the siren can be completely silent when it is set to respond to the alarm only with LED indication. Ajax apps allow installers to select detectors that activate the siren or assign it to a specific security group, remotely or on-site.

Security status

The LED can indicate armed mode. It also can be active even when the system is disarmed to imitate armed mode.

If users control the security system mainly using key fobs or keypads, the siren can notify them about arming/disarming and enter/exit delays with LED and short beeps. If users forget to disarm the system, the siren will remind them about it when entering the facility.





Door opening

The siren supports the **Chime** feature and reacts to the door opening. When the feature is enabled, the sirens make a short beep to indicate that the opening detectors are triggered when the system is disarmed. It is used, for example, in stores to notify employees that someone came in.

After-alarm indication

The siren can continue to inform about an alarm in the armed system with LED indication after the audible signal is played. The siren's lower right corner will flash twice every 3 seconds until the system is disarmed. So when security company patrols pass by the facility — they will see that the system was triggered.



Convenience down to details



Flexible project designing

Wired connectivity can cover the most complex objects like sectional metal warehouses, deep underground facilities, and other cases where a wired connection is particularly important. So the siren is ready for stable operation even in difficult installation conditions.

The installer can set each siren to notify about all events or react to events of a specific detector. For example, a siren will not alert about a water leak if it doesn't need to.

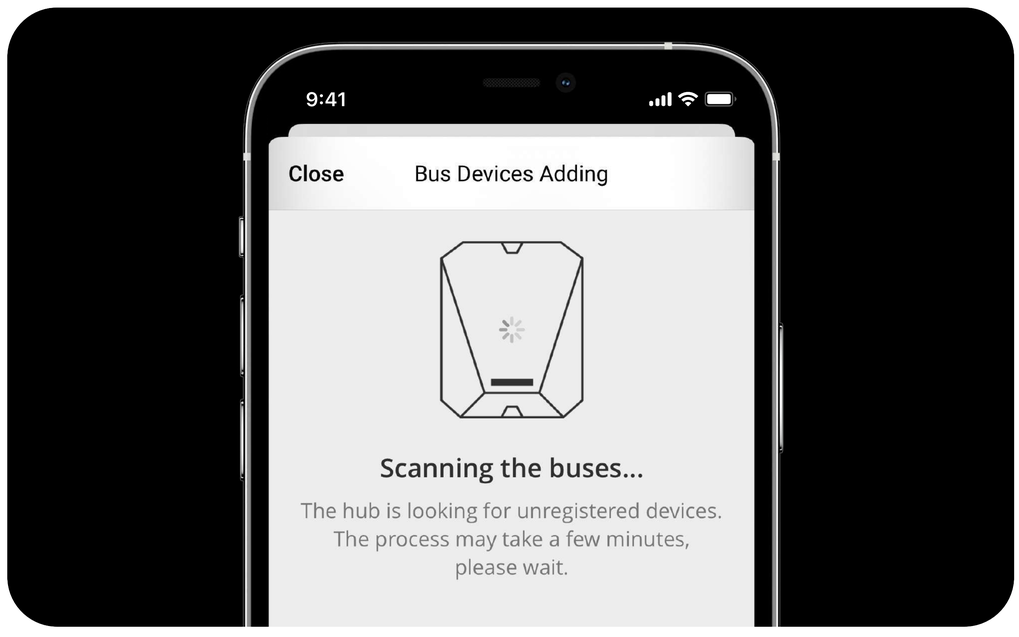
Easy installation

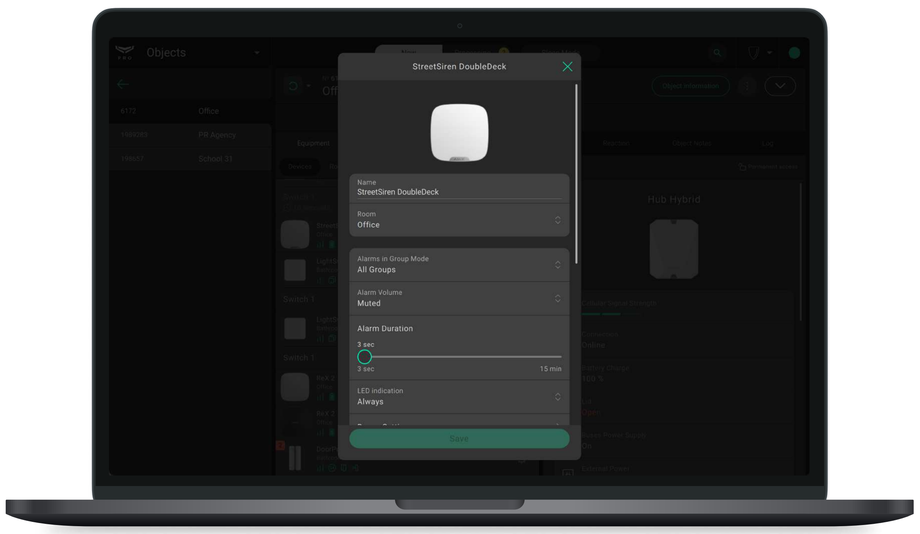
The SmartBracket panel with a built-in level allows an installer to fix the siren on the wall effortlessly. The installation kit includes all the necessary fasteners.

There is no need to disassemble the siren: the board with terminals is located outside the enclosure to eliminate hardware damage during installation. The board is removable, which makes connecting the wires more comfortable, and it can be easily installed back on special racks after connection. For cable management, there are bracings inside SmartBracket for fixing the wires with ties.

Quick pairing with the hub

The device connects to the hub automatically via the Fibra bus scanning. This tool is available in the PRO apps for PCs and smartphones. An installer only needs to name and assign the device to the room and security group. The device can also be added by scanning the QR code or entering its ID manually. All further settings are done in Ajax apps.





Remote configuring

Intuitive Ajax apps provide remote set-up and all detector information from anywhere the Internet is available, on a smartphone or PC. The installation engineer can remotely change the settings and provide services in-time. No need to visit the object.

Fibra power supply calculator

The Fibra power supply calculator is designed for security specialists to provide them with comprehensive information about the device's power consumption. It's easy to check before installation whether the wired system project will work in practice. The tool allows real-time project-making, highlighting the problem areas and offering different solutions. Once the calculations are finished, the results can be downloaded as a PDF file.

Verify your project by following the link: **ajax.systems/products/fibra/power-calculator/**



Fibra

communication technology

Fibra is a two-way wired protocol, ensuring fast and secure communication between hub and devices. Based on a bus connection method, Fibra delivers instant data-rich alarms: security companies and users know which device was triggered, when, and where it happened.

Fibra features encryption and authentication to prevent spoofing, and polling to display device status in real-time. Supporting **up to 2,000 m** of wired connectivity, Fibra is ready to protect any facilities and deliver the best user experience for both system owners and installers.

Informative notifications

Protected against sabotage and spoofing

Up to 2,000 m of wired communication range

12–300 sec

Adjustable polling interval: from 12 to 300 s

Technical specifications

Compliance with standards	EN 50131 (Grade 2) PD 6662:2017
Communication with control panel	**Fibra communication technology** **Wired connection** U/UTP cat.5 4×2×0.51 with a copper conductor Signal cable 4×0.22 with a copper conductor **Communication range** up to 2,000 m With U/UTP cat.5 4×2×0.51 cable **Protocol features** Two-way communication Protection against sabotage Instant notifications Remote configuring in Ajax apps **Polling interval** 12–300 s Adjusted by PRO or user with admin rights in Ajax apps
Compatibility	**Hubs** Hub Hybrid (2G) Hub Hybrid (4G) **Range extenders** no
Features	**Types of notifications** Acoustic LED **Alarm volume** from 85 to 113 dB at a distance of 1 m Adjusted by PRO or user with admin rights in Ajax apps **Alarm duration** from 3 s to 3 min Adjusted by PRO or user with admin rights in Ajax apps **Piezoelectric buzzer frequency** 3.5 ± 0.5 kHz

Alerts	**Alarms** Acoustic LED **Entry/exit delays** Acoustic **Security mode change** Acoustic LED **Security status** LED **Chime** Acoustic If enabled, the siren makes a short beep to indicate that the opening detectors are triggered when the system is disarmed. **After-alarm indication** LED	Enclosure	**Colour** black, white **Dimensions** 198.5 × 198.5 × 59 mm Without Brandplate 198.5 × 198.5 × 63.25 mm With Brandplate **Weight** 516 g Without Brandplate 527 g With Brandplate **Tamper alarm**
Installation	**Operating temperature range** from -25°C to +50°C **Operating humidity** up to 95% **Protection class** IP54 **Recommended installation height** 2.5 m and higher	Power supply	**Main power supply** 24 V⎓, up to 100 µA From Fibra line **Backup power supply** LTO 18650, 1500 mAh, 2.4 V⎓ Up to 30 min of alarm signalling after main power failure

Complete set	StreetSiren DoubleDeck Fibra SmartBracket mounting panel Installation kit Quick Start Guide Complete set does not include Brandplate. It is available separately from StreetSiren DoubleDeck.