StreetSiren Fibra User Manual

Updated March 11, 2022

StreetSiren Fibra is a wired siren of the Ajax security system. Equipped with a LED frame and piezoelectric alarm indicator producing sound volume up to 113 dB. For both indoor and outdoor installation.
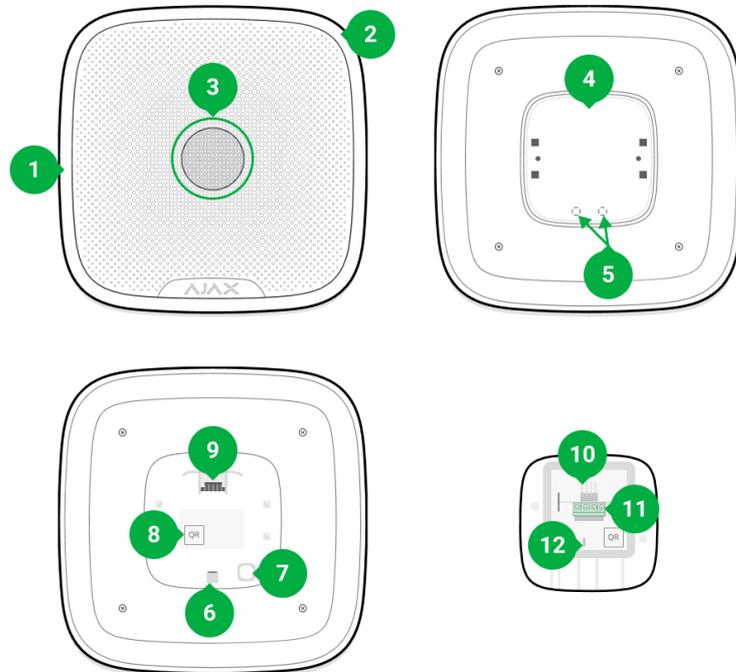
> ⚠️ The siren is compatible with Hub Hybrid (2G) and Hub Hybrid (4G). Connection to other hubs, radio signal range extenders, and ocBridge Plus and uartBridge is not supported. Integration with other security systems is not provided.

StreetSiren Fibra only works as a part of the Ajax security system, communicating with the hub via the secure Fibra protocol. The wired connection range is up to 2000 meters when connected via the twisted pair U/UTP cat.5.

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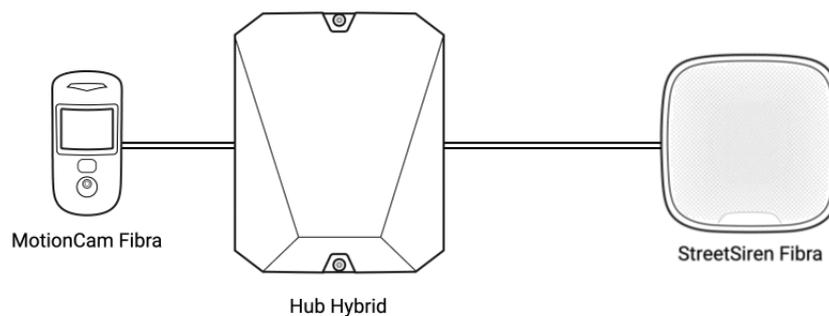
Buy StreetSiren Fibra

Functional elements

TBC

Operating principle

MotionCam Fibra

Hub Hybrid

StreetSiren Fibra

StreetSiren Fibra is a wired outdoor siren. The device is equipped with a piezoelectric buzzer for sound alerting and an LED frame for visual alerting.

StreetSiren Fibra performs two tasks: It informs about alarms and indicates the arming mode.

1. **Informs about alarms**. The device responds to tamper triggering and security system alarms by activating the buzzer and LED lights in less than a second. This scares intruders away and attracts the attention of neighbors.

2. **Indicates the security status**. The siren can use an LED indication to notify that the object is armed as well as sound and light to indicate entry/exit delays. These features can also be useful when controlling the security system with key fobs or keypads. In this case, the siren can remind you to disarm when you enter the object.

What is Delay when Entering/Leaving

Alarm volume and duration

When alarmed, the siren sounds for 3 to 180 seconds, producing a sound volume of 85 to 113 dB. In the Ajax apps, you can set the duration and volume of the alarm, as well as determine which detectors will activate the siren.

Anti-sabotage protection

StreetSiren Fibra is equipped with a tamper button and raises an alarm when the main power is lost. The tamper button is triggered when the siren is removed from the mount or when the body is opened.

In the event of a sabotage, the users and the security company will know exactly which siren the intruders are trying to disable. The notifications contain the hub name (name of the guarded facility), the incident time, the siren name, the alert type, and the virtual room to which the device is assigned.

Fibra data transfer protocol

The siren uses Fibra technology to transmit alarms and events. This is a two-way wired data transfer protocol that provides fast and reliable communication between the hub and the rest of the devices. Using the bus connection method, Fibra delivers alarms and events instantly, even if 100 detectors are connected to the system.

Fibra supports floating key block encryption and verifies each communication session with devices to prevent sabotage and forgery. The protocol requires regular polling of sirens and detectors by the hub with a predetermined frequency to monitor connection and display the status of the system devices in real time in the Ajax apps.

Sending events to the monitoring station

The Ajax security system can transmit alarms to the **PRO Desktop** monitoring app as well as the central monitoring station (CMS) in the formats of the **Sur-Gard protocol (Contact ID)**, **SIA (DC-09)**, and other proprietary protocols. A complete list of supported protocols is **available here**.

Which CMSs can the Ajax security system be connected to

StreetSiren Fibra can transmit the following events:

1. Tamper alarm / recovery.

2. Alarm due to loss / restoration of the main power.

3. Loss / restoration of connection to the hub.

4. Temporary deactivation / activation of the siren.

When an alarm is received, the operator of the security company monitoring station knows exactly what happened and precisely where to send a fast response team on the site. Addressability of each Ajax device allows you to send not only events to the PRO Desktop or to the CMS but also the type of the device, the name of the device, and the virtual room to which the detector is assigned. Note that the list of transmitted parameters may differ depending on the type of CMS and the selected protocol for communication with the monitoring station.

> ⓘ The device ID, the loop (zone) number, and the bus number can be found in its states in the Ajax app.

Siren placement

When choosing where to place the device, consider the parameters that affect the operation of the siren: the level of Fibra signal, the length of the connection

cable, the audibility of the sound signal, and the visibility of the LED indication of the siren.

StreetSiren Fibra withstands heat, cold, and temperature drops. The siren is protected from rain and snow and can be installed on the facade of the building without a canopy. The body is IP54 certified.

The recommended installation height is **2.5 meters or more**. This will make it harder for intruders to access the device in case of an attempted sabotage. If the siren cannot be placed at this height, it can be installed lower.

Consider the placement recommendations when designing your facility's security system. Design and installation of the security system should be carried out by professionals. A list of authorized official Ajax partners is **available here**.

Design and preparation

For the system to work correctly, it is important to properly design the project and install all devices correctly . Failure to follow the basic installation rules and recommendations of this manual may result in detector malfunction, false alarms, or loss of connection with already installed devices.

When designing the layout scheme of the detectors, consider the wiring diagram of the power cables laid on the site. Signal cables must be laid at a distance of at least 50 cm from the power cables when lying parallel, and, if they intersect, it must be at a 90° angle. Note that, if you connect multiple devices on the same bus, detectors are connected in sequence.

> ⓘ The maximum number of connectable devices for the Hub Hybrid is 100 at the default settings.
>
> How to calculate the number of connectable detectors (in progress)

For facilities that are under construction or renovation, cables are laid after the main wiring of the facility. Use protective tubes to route system cables to organize and secure the wires; ties, clips, and staples can be used to secure them.

When laying wires externally (without mounting them inside the walls), use an electric channel raceway. Raceways should be no more than half-filled with cables. Do not allow cables and wires to sag. The raceway should be hidden from view if possible — for example, behind furniture.

> ℹ️ We recommend laying cables inside walls, floors, and ceilings. This will provide greater security: the wires will not be visible, and it will be impossible for an intruder to access them.

When selecting a cable, consider the length of the connection lines and the number of detectors to be connected; these parameters affect the signal strength. We recommend using shielded copper cables with a high-quality insulation layer.

When installing, observe the bend radius that the manufacturer specifies in the cable specs. Otherwise, you risk damaging or breaking the conductor.

Be sure to check all cables for bends and physical damage before installation. Perform the installation in a way that minimizes the possibility of damage to the cables from the outside.

Signal strength and wire length

The Fibra signal level is determined by the number of undelivered or corrupted data packages over a certain period. The icon ılI on the **Devices** ➖ tab indicates the signal strength:

- Three bars — excellent signal strength.

- Two bars — good signal strength.

- One bar — low signal strength, stable operation is not guaranteed.

- Crossed out icon — no signal.

The signal strength is influenced by the following factors: the number of devices connected to one bus, the length and type of cable, and the proper connection of the wires to terminals.

> ⚠️ Check the Fibra signal strength before final installation of the siren. If the signal strength is as low as one or zero bars, we cannot guarantee stable operation of the device.

The maximum permissible cable length depends on its type, its material, and the method of connecting the devices. When connected using the **Star connection method** with a twisted pair U/UTP cat.5 (4×2×0.51), the wired connection length can be up to 2,000 meters.

When detectors are connected using the **Ring connection method**, the maximum cable length is 500 meters when using a twisted pair.

How to calculate the wire connection length (in progress)

> ℹ️ Connecting devices using the **Ring connection method** will be available with future OS Malevich updates. Hardware update of Hub Hybrid won't be required.
>
> How OS Malevich updates

Do not install the siren

1. Near the glass break detectors. The siren sound may trigger an alarm.

2. In places where the audio signal of the siren can be jammed.

3. In places where the LED indication of the siren will not be visible.
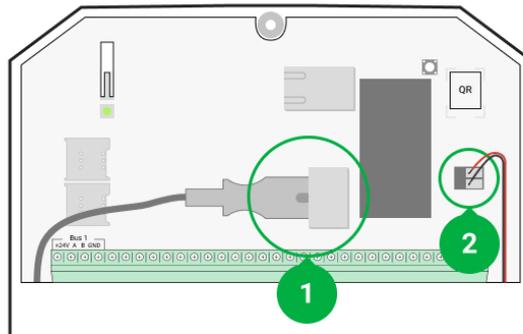
Installation and connection

> ⚠️ Before installing StreetSiren Fibra, make sure that you have selected the optimal location and that it meets the conditions of this manual. Wires must be hidden from view and located in a place that is difficult for intruders to access to reduce the likelihood of sabotage.
>
> Ideally, the wires should be set into the walls, floor, or ceiling. Before the final installation, test the volume level and the Fibra signal strength.

When connecting, do not twist the wires together; solder them. The ends of the wires that will be inserted into the siren terminals should be tinned or crimped with a special sleeve. This will ensure a reliable connection. **Follow safety procedures and regulations for electrical installation work**.
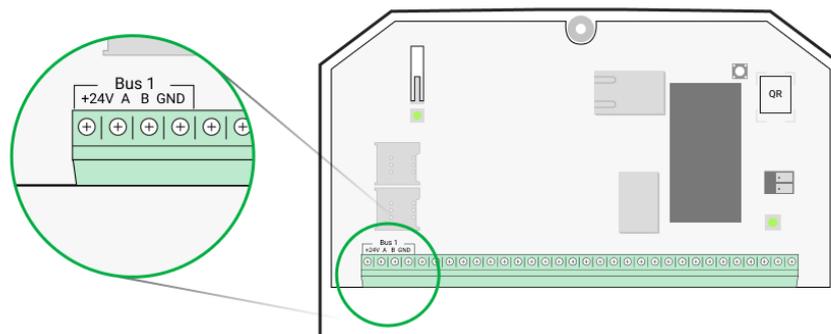
In order to install a siren:

    1. Disconnect the external power and the hub backup battery.
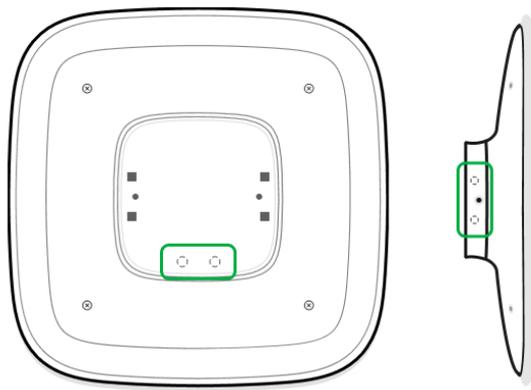

       1 — External power supply

       2 — Backup battery

    2. Run the siren connection cable into the hub body and connect the wires to the bus.
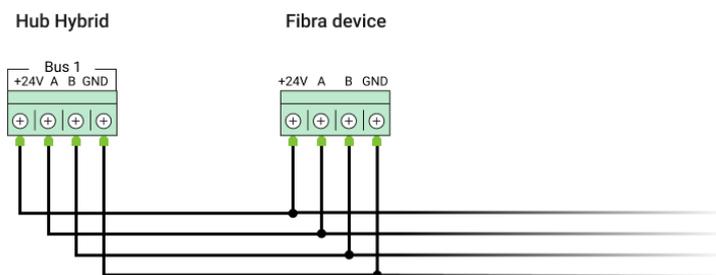

       +24V — power supply input

       A, B — signal terminals

       GND — ground

    3. Remove the SmartBracket mounting panel from the siren body and carefully break out the perforated part to lead the cable out.

4. Run the cable from the hub into the siren body through the hole made.

5. Connect the wires to the terminals according to the scheme below. Follow the polarity and connection order of the wires. Securely fasten the wires to the terminals. Secure the cable with ties.

> **+24V** — power supply input
> **A, B** — signal terminals
> **GND** — ground

6. If the siren is not the last device in the line — prepare and wire the cable into the StreetSiren Fibra terminals for the next device.

7. If the siren is the last device in the line, install a terminating resistor at the end of the connecting line with the **Star** connection topology. With the **Ring** connection topology, a termination resistor is not required.

More about connection methods (in progress)

> ⓘ We recommend connecting devices via the **Ring connection method** (hub – detector – hub), because, if the line is broken, the devices will be connected via the **Star connection method** and will continue to transmit events to the hub. Notification about the **Ring** failure will be sent to users and the security company.
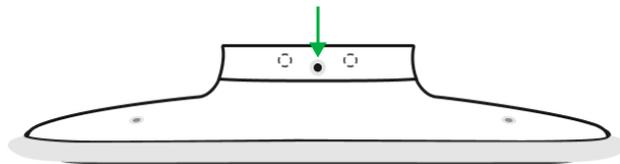
8. Attach the SmartBracket mounting panel to a vertical surface with the bundled screws. When using other fasteners, make sure they do not damage or deform the mounting panel. The recommended installation height is 2.5 meters or more.

> ⚠️ Don't use double-sided adhesive tape for temporary or permanent fixation of the siren, as the device may come off the surface at any time.

9. Place the siren on the SmartBracket mounting panel.

10. Secure the siren with a screw. This reduces the risk of burglary and sabotage.

11. Turn on the hub to supply the connected siren with power. When power is applied, the siren's LED frame will notify that the device is turned on.

12. Add StreetSiren Fibra to the system.

13. Conduct the Fibra signal strength test. The recommended signal strength value is two or three bars. Otherwise, check the connection and the condition of the wire.

14. Conduct the **Volume level test**. If the siren is hard to hear, change the volume or move the device.

Adding to the system

Before adding a device

1. Install the **PRO version of the app**. Log in to a **PRO account** or create a new one if you don't have it yet. Add a hub compatible with the siren to the app, make the necessary settings, and create at least one **virtual room**.

2. Make sure that the hub is turned on and has Internet access via Ethernet and/or mobile network. You can check the connection in the Ajax app or by looking at the LED on the hub board:it should light up white or green.

3. Make sure the hub is disarmed and does not start updates by checking its status in the Ajax app.

4. Make sure the siren is physically connected to the hub.

How to add StreetSiren Fibra

There are two ways to add devices: manually and automatically.

To add a siren manually:

1. Open the **PRO version of the app**. Select the hub you want to add StreetSiren Fibra to.

2. Go to the **Devices** ➖ tab and click **Add device**.

3. Name the siren, scan or type in the QR code (placed on the siren body and the packaging), select a room and a group (if the **group mode** is enabled).

4. Click **Add**.

To have a siren added automatically:

1. Open the **PRO version of the app**. Select the hub you want to add StreetSiren Fibra to.

2. Go to the **Devices** ⬛ tab and click **Add device**.

3. Select **Add all bus devices**. After scanning, a list of all devices physically connected to the hub, which have not yet been added to the system, will be displayed on the screen. The devices are sorted by the buses they are physically connected to.

4. In the list of available devices to add, click on any item. The LED of this device will start blinking after you press it. This way, you'll know exactly which device you're adding, how to name it correctly, and which room and group it should be assigned to.

5. To add a device, give a name and specify the room and the group. Click **Save**. If the device adds to the hub successfully, it will disappear from the list of devices available to add.

6. The devices added to the hub will appear in the list of devices in the Ajax app.

> ⓘ Device status updates depend on the Fibra settings; the default value is 36 seconds.

If the connection fails, check the accuracy of the wired connection and try again. If hub already has the maximum number of devices added (for Hub Hybrid, the default is 100), you will get an error notification when you add one.

StreetSiren Fibra works with one hub only. When connected to a new hub, the siren stops exchanging commands with the old one. Once added to a new hub, StreetSiren Fibra is not removed from the list of devices of the old hub. This must be done manually in the Ajax app.

Malfunctions

When a siren malfunction is detected (for example, there is no connection with a hub via the Fibra protocol), the Ajax app displays a malfunction counter in the upper left corner of the device icon.

All malfunctions can be seen in the siren states. Fields with malfunctions will be highlighted in red.

Malfunction is displayed if:

- The siren temperature is out of acceptable limits.

- The siren body is open (tamper is triggered).

- There is no connection with the hub via the Fibra protocol.

Icons

The icons display some of StreetSiren Fibra states. You can view them in the Ajax app on the **Devices** ⬛ tab.

Icon	Meaning
ᵢ�||	Fibra signal strength, displays the signal strength between the hub and the StreetSiren Fibra. The recommended value is 2–3 bars. Learn more (in progress)
⚙	StreetSiren Fibra has been temporarily deactivated by a user or PRO with administrator rights. **Learn more**
⤵	У StreetSiren Fibra has tamper triggering events temporarily deactivated by a user or PRO with administrator rights. **Learn more**

States

The states include information about the device and its operating parameters. StreetSiren Fibra states can be found in the Ajax app:

1. Go to the **Devices** ⬛ tab.

2. Choose StreetSiren Fibra from the list.

Parameter	Meaning

Malfunction	Clicking on ⓘ opens a list of StreetSiren Fibra malfunctions. The field is displayed if a malfunction is detected.
Temperature	Siren temperature. Measured on the processor and changes gradually. Acceptable measurement error between the value in the app and the room temperature: 2–4°C. The value is updated as soon as the siren identifies a temperature change of at least 1°C.
Fibra signal strength	Signal strength between the hub and StreetSiren Fibra. Recommended values — 2—3 bars. Fibra — protocol for transmitting StreetSiren Fibra events and alarms. Learn more (in progress)
Connection via Fibra	The status of connection between the hub and the StreetSiren Fibra: • **Online** — the siren is connected to the hub. • **Offline** — the siren is not connected to the hub. Check the siren connection to the bus.
Bus voltage	Displays the total bus voltage. TBC
Lid	The status of the tamper that responds to demount or opening of the body: • **Open** — the siren is removed from its SmartBracket mounting plate. • **Closed** — the siren is mounted. **Learn more**
Alarm volume	Volume level in case of alarm:

	• **Muted** — the siren does not sound when the alarm is raised
	• **Quiet** — 85 dB sound volume
	• **Loud** — 100 dB sound volume
	• **Very loud** — 113 dB sound volume
	The volume level is measured 1 m away from the siren.
Alarm duration, sec	Duration of the alarm sound: 3 to 180 seconds Set in increments of 3 seconds.
LED indication	Settings of the StreetSiren Fibra LED indication: • **Off** — LED indication is off. • **Armed** — LED blinks once every 2 seconds only when the system is armed. • **Always** — LED blinks once every 2 seconds regardless of the arming mode. **More about indication**
Notify when arming/disarming	When enabled, the siren notifies about arming and disarming by flashing the LED and making a short beep.
Notify about switching the Night mode on/off	When enabled, the siren notifies you when the **Night mode** is switched on and off by flashing an LED and making a short beep. **What is Night Mode**
Notify on entry/exit delay	When enabled, the siren beeps to signal about a delay when entering/leaving. **What is Delay When Entering/Leaving**
Chime on opening	When enabled, a siren notifies about the door opening while system is disarmed. **What is Chime**

Notifications sound volume	Notifications sound volume of arming/disarming, entry/exit delay, activation of opening sensors: • **Quiet** — 88 dB sound volume • **Loud** — 94 dB sound volume • **Very loud** — 112 dB sound volume The volume level is measured 1 m away from the siren.
Temporary deactivation	Shows the status of the siren temporary deactivation function: • **No** — the siren operates normally and transmits all events. • **Lid only** — the hub administrator has disabled notifications about triggering tamper. • **Entirely** — the hub administrator has entirely excluded the siren from the system. The device does not execute system commands and does not report alarms or other events. **Learn more**
Firmware	Siren firmware version.
ID	StreetSiren Fibra identifier / serial number. Also available located on the siren packaging box and on the body under the SmartBracket mounting panel.
Device №	Siren loop (zone) number.
Bus №	The number of the hub bus the siren is physically connected to.

Settings

To change StreetSiren Fibra settings in the Ajax app:

1. Go to the **Devices** tab.

2. Choose StreetSiren Fibra from the list.

3. Go to **Settings** by clicking on the gear icon ⚙.

4. Set the required parameters.

5. Click **Back** to save the new settings.

Settings	Meaning
First field	Siren name. Displayed in the list of hub devices, SMS text, and notifications in the events feed. To change the siren name, click on the pencil icon ✏. The name can contain up to 12 Cyrillic characters or up to 24 Latin characters.
Room	Selecting the virtual room to which StreetSiren Fibra is assigned. The room name is displayed in the text of SMS and notifications in the event feed.
Alarms in Group Mode	Selecting the group to which the siren is assigned. You can select one or all groups: • **When assigned to a group**, the siren and its indication notify of alarms and events of this group. • **When assigned to all groups**, the siren and its indication notify of alarms and events of all groups in the system. Regardless of the group selected, the siren will respond to **Night Mode** activation and alarms. The option is displayed if group mode is enabled on the hub. **Learn more**
Alarm volume	Volume level in case of alarm:

- **Muted** — the siren does not sound in case of alarm.

- **Quiet** — 85 dB volume.

- **Loud** — 100 dB volume.

- **Very loud** — 113 dB volume.

The volume level is measured 1 m away from the siren.

Alarm duration, sec	Determines how long the siren sounds in case of alarm: 3 to 180 seconds for each operation. Set in increments of 3 seconds.
LED indication	Settings of the StreetSiren Fibra LED indication: **Off** — LED indication is off. **Armed** — LED blinks once every 2 seconds only when the system is armed. **Always** — LED blinks once every 2 seconds regardless of the arming mode. **More about indication**
Notification settings	Opens the siren notification settings. A detailed description of the settings is **available below**.
Activate the siren if the siren body is opened	When enabled, the siren will be activated when a tamper triggering is detected. **What is a tamper**
Activate the siren if there is no power on the buses	When enabled, the siren will be activated when a loss of main power is detected.
Fibra Signal Strength Test	Switches the siren to the Fibra signal strength test mode. The test allows you to check the signal strength between the hub and StreetSiren Fibra and determine the optimal installation location. Learn more (in progress)

Volume Level Test	Switches the siren to the volume level test mode. Use it to check how loud the siren is and whether it can be heard in other rooms. **Learn more**
User Manual	Opens StreetSiren Fibra User Manual in the Ajax app.
Temporary Deactivation	Allows to disable the device without removing it from the system. Two options are available: • **Entirely** — the device will not execute commands or participate in automation scenarios. The system will ignore device alarms and other notifications. • **Lid only** — the system will ignore notifications about the tamper triggering. **Learn more**
Unpair Device	Unpairs siren from the hub and deletes its settings.

Siren notification settings

Event	Description	Note
Arming/Disarming	When enabled, the siren notifies about arming and disarming by flashing the LED and making a short beep.	The presence, brightness of the indication and the volume of the audible signal depend on the siren settings.
Switching the Night mode on/off	When enabled, the siren notifies about switching in the Night Mode by flashing the LED and making a short beep. **What is Night Mode**	The presence, brightness of the indication and the volume of the audible signal depend on the siren settings.
Delay when entering	When enabled, the siren beeps	The volume of the sound

	once per second to signal about an entry delay. **What is Delay When Entering/Leaving**	signal depends on the siren settings.
Delay when leaving	When enabled, the siren beeps once per second to signal about an exit delay. **What is Delay When Entering/Leaving**	The volume of the sound signal depends on the siren settings.
Delay when entering for the Night mode	When enabled, the siren beeps once per second to signal about an entry delay in the Night mode. **What is Night Mode** **What is Delay When Entering/Leaving**	The volume of the sound signal depends on the siren settings.
Delay when leaving for the Night mode	When enabled, the siren beeps once per second to signal about an exit delay in the Night mode. **What is Night Mode** **What is Delay When Entering/Leaving**	The volume of the sound signal depends on the siren settings.
Chime on opening	When enabled, the siren beeps 1 to 4 times to indicate the door opening while system is disarmed. **Что такое оповещения об открытии** **Как настроить оповещения об открытии**	The volume of the sound signal depends on the siren settings.
Beep volume	Selecting the siren volume	

level for notifications about arming/disarming, entry/exit delay, and opening:

- **Quiet** — 88 dB volume

- **Loud** — 94 dB volume

- **Very loud** — 112 dB volume

The volume level is measured 1 m away from the siren.

Setting up the processing of detector alarms

Through the Ajax app, you can configure which detector alarms can activate the siren. This will help to avoid situations when the siren sounds on water leak detection or any other alarm.

The parameter is adjusted in the detector or settings:

1. Sign in to the Ajax app.

2. Go to the **Devices** ▬ tab.

3. Select the device.

4. Go to its settings ⚙ and set the necessary parameters for activating the siren.

Setting the tamper alarm response

The siren can respond to alarms of hub tampers, devices, and detectors within the system. The option is disabled by default. The tamper reacts to the opening and closing of the body even if the system is not armed!

What is a tamper

For the siren to respond to tamper triggering, in the Ajax app:

1. Go to the **Devices** ▬ tab.

2. Select the hub and go to its **Settings** ⚙.

3. Select the **Service** menu.

4. Go to **Siren Settings**.

5. Enable the **Alert with a siren if the hub or detector lid is open** option.

Setting the response to pressing the panic button in the Ajax app

The siren can respond to pressing the panic button in Ajax apps. Note that the panic button can be pressed even if the system is disarmed!

For the siren to respond to pressing the panic button:

1. Go to the **Devices** ⬛ tab in the Ajax app.

2. Select the hub and go to its **Settings** ⚙.

3. Select the **Service** menu.

4. Go to **Siren Settings**.

5. Enable the **Alert with a siren if in-app panic button is pressed** option.

Setting the siren after-alarm indication

The siren's LED can indicate that an alarm was previously registered in the armed system.

The featuren functions as follows:

1. The system registers the alarm.

2. The siren plays an alarm sound (the duration and volume depend on settings).

3. The siren's LED and the external LED (if connected) blink twice every 3 seconds until the system is disarmed.

With after-alarm indication the users and passing security companies patrols can see that the system was triggered.

> **i** The siren after-alarm indication does not work for always active detectors, if the detector was triggered when the system was disarmed.

To enable the siren after-alarm indication, in the PRO version of the app:

1. Go to siren settings:

- Hub → Settings ⚙ → Service → Siren Settings

2. Specify about what events the sirens will indicate with LED inform about by double blinking of the LED before the security system is disarmed:

- Confirmed alarm

- Unconfirmed alarm

- Lid opening

3. Select the sirens which will participate in after-alarm indication. Go back to **Siren Settings**. The new parameters will be saved.

4. Click **Back**. All setting will be applied.

How to set Chime

Chime is a sound signal that notifies about the triggering of the opening detectors when the system is disarmed. The feature is used, for example, in stores, to notify employees that someone has entered the building.

Notifications are configured in two stages: setting up sirens and setting up opening detectors.

What is Chime

Siren settings

1. Go to the **Devices** ⊟ tab.

2. Select the siren.

3. Go to its **Settings** by clicking the gear icon ⚙ in the upper right corner.

4. Go to the **Beeps Settings** menu.

5. Scroll down and enable the **Chime on opening** option in the **Beep when disarmed** category.

6. Set the volume of the beeps. 3 options are available:

   - **Quiet** — 88 dB at a distance of 1 m.

   - **Loud** — 94 dB at a distance of 1 m.

   - **Very loud** — 112 dB at a distance of 1 m.

> ⓘ The specified **Beep volume** also applies to the volume of siren notifications when arming/disarming and for the entry/exit delays.

7. Click **Back** to save and the the settings.

8. Repeat steps 2–7 for other sirens for which you want to enable the notifications.

Detector settings

1. Go to the **Devices** ⊟ tab.

2. Select the detector.

3. Go to its **Settings** by clicking the gear icon ⚙ in the upper right corner.

4. Go to the **Chime on opening** menu.

5. Select the events to be notified by the siren (depending on the device):

- If a door or a window is open.

- If an external contact is open (available if the **External contact** option is enabled).

6. Select the chime sound: 1 to 4 short beeps. Once selected, the Ajax app will play the sound.

7. Click **Back** to save and apply the settings.

8. Repeat steps 2–7 for other detectors for which you need to enable the notifications.

Indication

Event	Indication	Note
Alarm.	Beeps, the LED frame blinks red.	The duration and volume of the sound signal depend on the siren settings.
An alarm is detected in the armed system (if the post-alarm indication is on).	The siren LED frame blinks red twice in the lower right corner every 3 seconds until the system is disarmed.	The indication turns on after the siren has completely played the alarm signal configured in settings (if enabled).
Power connection.	The LED frame lights up once.	
The security system is armed (if indication is enabled).	The frame blinks once, the siren emits a short beeps one.	The volume of the sound signal depends on the siren settings.
Security system is disarmed (if indication is enabled).	Blinks twice with the LED and beeps twice.	The volume of the sound signal depends on the siren settings.
Siren in the armed mode (if indication is enabled).	The LED frame in the lower right corner is permanently on.	

Functionality testing

The Ajax security system provides several types of tests that help you make sure that installation points of devices are selected correctly. StreetSiren Fibra tests do not start straight away but no later than over a single hub-detector ping period (36 seconds whith a default hub settings). You can change the ping period of devices in the **Fibra** menu of the hub settings.

To run a test in the Ajax app:

1. Select the hub if you have several of them or if you are using the PRO version of the app.

2. Go to the Devices ⬛ menu.

3. Choose StreetSiren Fibra.

4. Go to **Settings** ⚙️.

5. Select a test:

   - Fibra Signal Strength Test. (in progress)

   - **Volume Level Test**.

6. Launch and conduct a test.

Maintenance

Check the functioning of your siren on a regular basis. The optimal frequency of checks is once every three months. Clean the siren body from dust, cobwebs, and other contaminants as they emerge. Use a soft dry cloth that is suitable for equipment care.

Do not use substances that contain alcohol, acetone, gasoline, or other active solvents to clean the siren.

Technical specifications

Learn more

Complete set

1. StreetSiren Fibra.

2. SmartBracket mounting panel.

3. Installation kit.

4. Quick Start Guide.

Warranty

Warranty for the AJAX SYSTEMS MANUFACTURING Limited Liability Company products is valid for 2 years after the purchase.

If the device does not function correctly, please contact the Ajax Technical Support first. In most cases, technical issues can be resolved remotely.

[Warranty obligations](#)

[User Agreement](#)

Contact Technical Support:

- [e-mail](#)

- [Telegram](#)

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