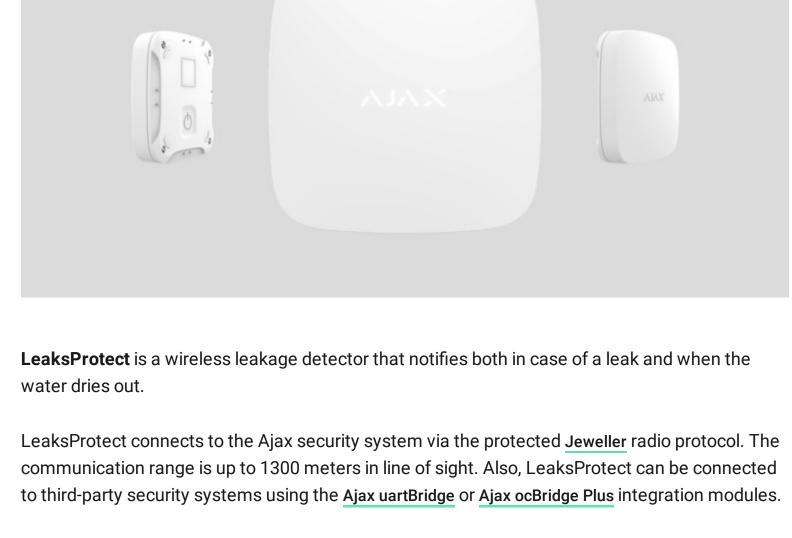
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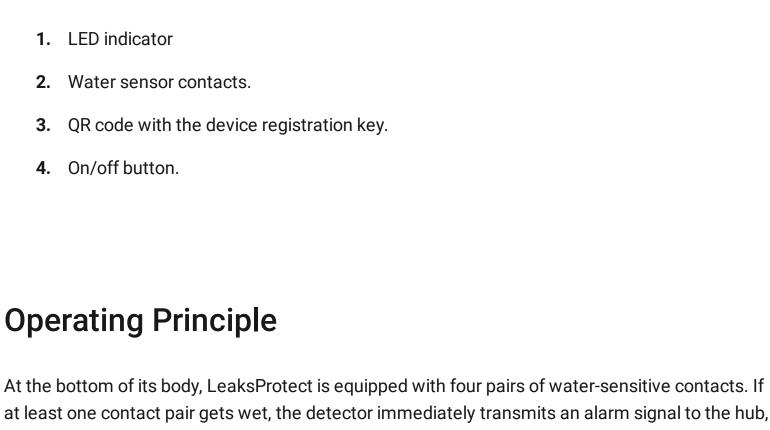
LeaksProtect User Manual Updated March 19, 2020



company.

Buy leakage detector LeaksProtect

Functional Elements and Indication



Before connecting:

Detector Connection to hub

app, and create at least one room.

3. Check the hub status in the app: make sure that it is disarmed and does not update. Only users with administrator rights can add the device to the hub.

2. Check the internet connection (via Ethernet cable and/or GSM network).

1. Following the hub user manual, install the Ajax app. Create an account, add the hub to the

Connecting the detector to the Ajax security system

2. Name the device, scan or enter the QR Code (located on the body and packaging), and select the location room.

1. Select **Add Device** in the Ajax app.

How to pair the detector with hub:

off, then retry the standard adding procedure.

Connecting to the hird-party security system

appropriate to place the detector in a permanently active protection zone.

- To connect the detector to a third-party security central unit using the Ajax uartBridge or Ajax ocBridge Plus integration module, follow the recommendations in the manual of the respective
 - 1. Devices 2. LeaksProtect

Temperature

Signal Strength

Connection

Leak detected

~26 °C

Online

No

Value

Temperature

Routed Through ReX

Leak Detected

Settings

1. Devices

2. LeaksProtect

3. Settings 🍑

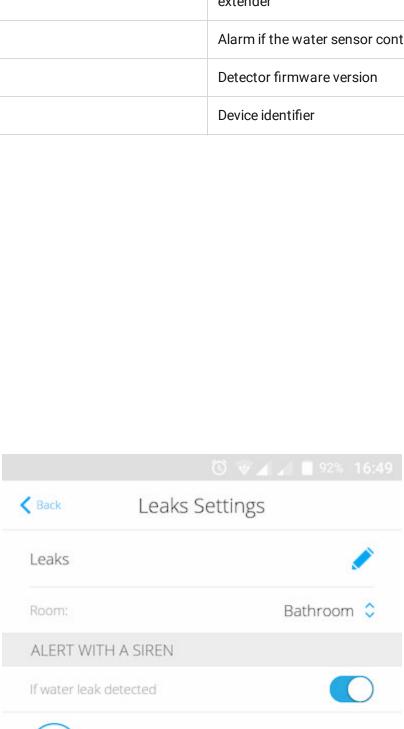
Firmware

Device ID

Lid

Jeweller Signal Strength Connection **Battery Charge**

Parameter



Signal Strength Test

Unpair Device

Value

Selecting the virtual room to which the device is assigned

If active, HomeSiren and StreetSiren are activated if

Switches the detector to the signal strength test mode

Disconnects the detector from the hub and deletes its

Indication

Note

Lights up red while the button is held down

Initially lights up red, then blinks three times

Lights up green while the device is switching on

Detector name, can be edited

Opens the detector User Manual

leakage is detected

settings

The **LeaksProtect** LED indicator may light up red or green depending on the device status.

User Guide

Jeweller Signal Strength Test User Manual Delete Device

Indication

Switching on

Switching off

Ajax security system allows conducting tests for checking the functionality of connected devices. The tests do not start straight away but within a period of 36 seconds when using the standard

paragraph on "Jeweller" settings in the hub settings).

Check the Jeweller signal strength level at the installation place.

shift can significantly improve the quality of signal reception.

Selecting the Location When selecting the device location, please take into account its remoteness from the hub (up to 1300 meters) and the absence of any obstacles between the devices hindering the radio signal transmission: walls, floors, large objects located in the room.

range extender.

Attenuation Test

Jeweller Signal Strength Test

outside the premises (outdoors); nearby any metal objects or mirrors causing attenuation and screening of the signal; within any premises with the temperature beyond the range of permissible limit; on conductive surfaces;

When the liquid gets on the detector contacts, it closes the electrical circuit. It is enough to close

1. To check LeaksProtect, close one contact pair with a wet finger for 3 seconds (the delay prevents false triggering). If water is detected, the detector LED will light up red for 1

2. Wipe the contacts with a dry napkin. When the electrical circuit is open, LeaksProtect

If you drown the detector with soapy water, it may continue signal flooding after getting dry. The

issue is about the soapy film closes the contacts. To eliminate the problem, wipe the detector

switches on its LED red for 1 second and notifies that water dried out.

contacts with a napkin moistened with pure water and then dry them up.

If the signal level is low (one bar), we cannot guarantee the stable operation of the device. Take

all possible measures to improve the signal strength. At least, move the device: even a 20 cm

If, after moving, the device still has a low or unstable signal strength, use the ReX radio signal

Install LeaksProtect in the place of potential leakage: on the floor under the bath, sink, washing

- Maintenance Check the LeaksProtect operational capability on a regular basis. We recommend cleaning the detector contacts as it gets dirty, at least, once every 2-3 months. Use an alcohol solution for cleaning.
- Tech specs 868.0 – 868.6 MHz or 868.7 – 869.2 MHz depending on Frequency band the region of sale

Plus, uartBridge

Up to 1,300 m (any obstacles absent)

Up to 20 mW

 $2 \times AAA, 3 V$

Up to 5 years

From 0°C to +50°C

IP65

GFSK

Operates with Hub, Hub Plus, Hub 2, ReX, ocBridge

The full text of the warranty

User Agreement Technical support: support@ajax.systems

Ask a quick question

J +38 044 538 13 10

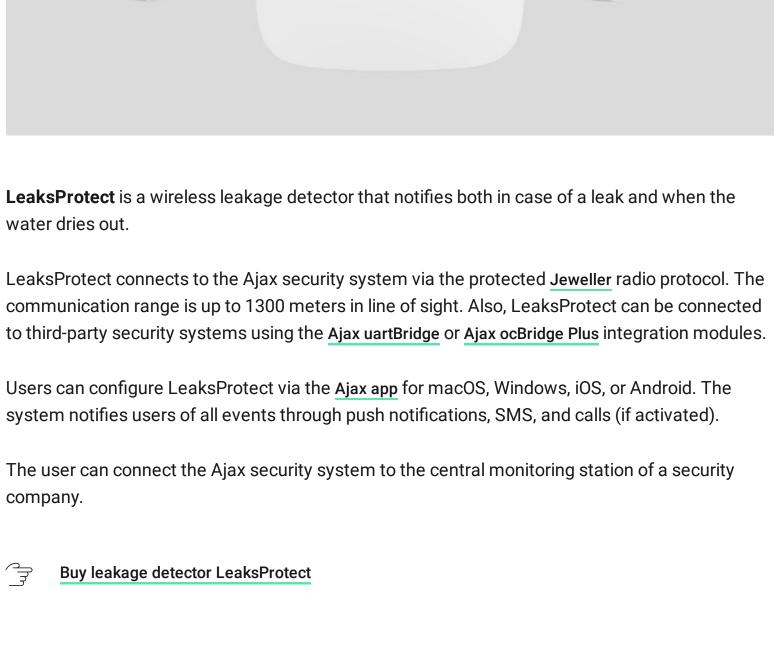
J +38 066 022 44 32

> +38 068 597 36 07

Suggest a feature

We are always open to new ideas.

All ideas



1. LED indicator 2. Water sensor contacts.

notifying the user and security company. Also, the detector notifies users if the water dries out. When switched on, LeaksProtect is always active and monitors the situation regardless of the security mode: disarmed or armed. If the leak is detected, LeaksProtect notifies once, and the next alarm is transmitted when the contacts have dried out and gotten wet again.

3. Select **Add** – the countdown will begin. **4.** Switch on the device.

value is 36 seconds).

States

For the detection and pairing to occur, the device should be located within the wireless coverage area of the hub (at the same facility). Request for connection is transmitted for a short time at the moment of switching on the device.

If the connection failed, LeaksProtect switches off after 6 seconds. To retry the connection, you

do not need to rebootthe device. If LeaksProtect is paired with another hub, switch the detector

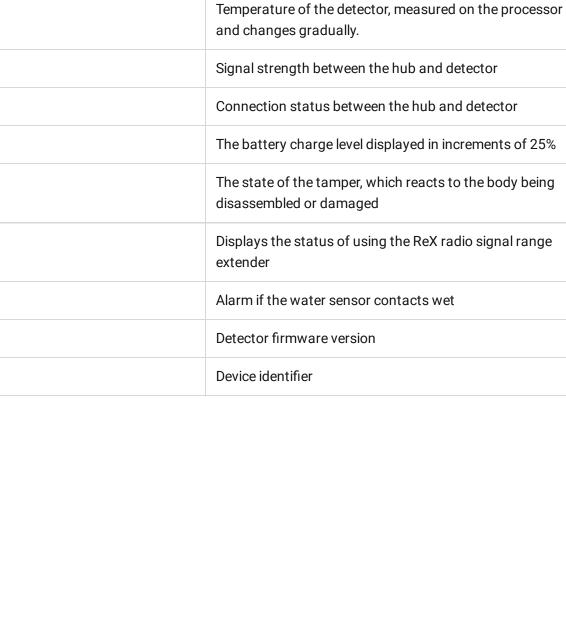
The detector connected to the hub is displayed in the list of devices in the app. The update of the

detector status in the list depends on the device inquiry time set in the hub settings (the default

LeaksProtect has a rigid "ON" button: press it with force to switch the detector on.

- device. The detector is always active. When connecting LeaksProtect to third party security systems, it is
 - **≺** Back Leaks 0
- 100% Battery Charge Closed Lid

Ajax Leaks Protect Firmware 3.18.09, Device ID 00BBA6



Activate the siren if leak is detected

First field

Room

Setting

Indication when pressing the power button

Event

Pressing the power button (detector is switched on)

Turned-on detector indication

Event

Detector connection to the **hub**,

ocBridge and uartBridge The detector requires repair, please Hardware error Blinks red continuously contact Support Service Leakage detected Lights up red for about one second Replacement of the detector battery During the alarm, it slowly lights up red is described in the **Battery** Battery needs replacing and slowly goes out replacement manual **Functionality Testing**

settings. The test time start depends on the settings of the detector scanning period (the

Indication

Lights up green for a few seconds

machine, etc. Do not install the detector:

closer than 1 m to the hub.

Detector Testing

second.

maintenance.

Battery replacement

Compatibility

Maximum RF output power

Radio signal range

Power supply

Battery life

Modulation of the radio signal

Dust and moisture protection class

Operating temperature range

Complete Set

1. LeaksProtect

3. Quick Start Guide

Warranty

green every hour, if the device is triggered.

one contact pair to activate the alarm.

Clean the detector body from dust, spider webs and other contaminants as they appear: they can

conduct electricity and cause false actuation. Use soft dry napkin suitable for equipment

Do not use any substances containing alcohol, acetone, gasoline and other active solvents.

The batteries installed in the detector ensure up to 5 years of autonomous operation on the

security system sends the notification and the detector LED smoothly lights up and goes out

LeaksProtect front panel. Change the batteries with new ones type AAA, adhering to polarity.

To replace the batteries, disconnect the detector, loosen the screws and remove the

average (with the inquiry frequency by the hub of 1 minutes). If the detector batteries are low, the

- Operating humidity Up to 100% Overall dimensions $56 \times 56 \times 14 \text{ mm}$ Weight 40 g
 - Warranty for the "AJAX SYSTEMS MANUFACTURING" LIMITED LIABILITY COMPANY products is valid for 2 years after the purchase and does not apply to the pre-installed battery. If the device does not work correctly, you should first contact the support service — in half of the cases, technical issues can be solved remotely!

2. Batteries AAA (pre-installed) – 2 pcs

Request extra help

■ support@ajax.systems

@AjaxSystemsSupport_Bot

Send a request

Please fill the form and we will answer as soon as possible.

Get started

Security Comparison

Select set

How it works

Why Ajax