DoorProtect User Manual

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DoorProtect is a wireless door and window opening detector designed for indoor use. It can operate up to 7 years from a pre-installed battery and capable to detect more than one million openings. DoorProtect has a socket for connecting an external detector.

The functional lifetime of DoorProtect is at least more than 7 years. In the case of the compatible control panel, the lifetime depends on the number of connected devices and their activity.

DoorProtect operates within the Ajax security system, connecting via the protected jeweller radio protocol. Communication range is up to 1,200 m in the open space. Using the **jeweller** or **ocean** radio protocol, Ajax integration modules, DoorProtect can be used as part of third-party security systems.

The detector is set up in the **Ajax app** for iOS, Android, macOS and Windows. The app notifies user of all events through push notifications, SMS and calls (if activated).

The Ajax security system is self-monitoring, but the user can connect it to the central monitoring station of a private security company.

Buy opening detector DoorProtect

Functional Elements

1. DoorProtect
2. Big magnet
3. Small magnet
4. LED indicator
5. Groove/tunnel attachment point (specified part is required for excluding the tamper in case of any attempt to dismantle the detector. Don't break it out!)
6. External detector connection socket
7. QR code
8. Service switch
9. Tamper button

Operating Principle

DoorProtect consists of two parts: the detector with a sealed contact reed relay, and the contact magnet. Attach the detector to the door frame, while the magnet can be attached to the moving door/window/other part. When the door/window/other part is opened, the magnet moves away from the magnet, that is closes the circuit, which means that the detector is closed. The opening of the door produces the magnet that the sealed contact reed relay and opening the circuit in such a way, the detector recognizes the opening.

If DoorProtect works in **Normally Open** mode, the detector can also be used for connecting other security devices.

After activation, DoorProtect immediately transmits the alarm signal to the hub, activating the alarmand notifying the user and security company.

Pairinging the Detector

Before starting pairing

1. Following the hub instruction recommendations, install the hub app on your smartphone (Android or iOS), add the hub to the app, and create at least one room.
2. Switch on the hub and check the internet connection (via Ethernet cable and/or GSM network).
3. Make sure that the hub is disarmed and does not update by checking its status in the app.

The detector can only pair to one hub at a time.

How to pair the detector with the hub:

1. Select the **Add Device** option in the hub app.
2. Name the device, scan/enter manually the **QR Code** (located on the body and packaging), and select the location room.

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

For detection and pairing to occur, the detector should be located within the coverage area of the wireless network of the hub (at a single protected object).

The request for connection to the hub is transmitted for a short period of time at the moment of switching on the device.

If pairing with the hub failed, switch off the detector for 5 seconds and retry.

If the detector has paired with the hub it will disappear from the list of devices in the app. The detector will be displayed in the app after the next action depends on the detector's plug-in/on-out in the hub settings. Its default value is disabled.

Connecting to Third Party Security Systems

To connect the detector to a third-party security system via the **uartBridge** or **ocBridge** Ajax integration modules, follow the recommendations in the manual of the respective device.

States

1. Devices
2. DoorProtect

DoorProtect
Temperature
Signal Strength
Battery Charge
Lid
Delay When Leaving, sec
Delay When Leaving, sec
Chimes
Alarm Reaction
Alarm Reaction
Alarm Type
Alarm Type
Chimes
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