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HONOADOOR
User Manual

EN

Table of contents

Important safety instructions

⚠️ **Disconnect the power supply whenever you proceed to the installation or repair of the equipment.**

In compliance with the European Low Voltage Directive, we inform you of the following requirements:

- When the devices remain permanently connected, an easily accessible connecting device must be incorporated into the wiring.
- This system must only be installed by qualified professionals that have with automated garage doors and knowledge of the relevant European standards.
- The user instructions for this device must always be in the user's possession.
- The operating frequency of the receiver does not interfere in any way with the 868 MHz remote control systems.

Use of the equipment

This device is designed for applications with an automated garage door. It is not guaranteed for the direct activation of devices other than those specified. The manufacturer reserves the right to change the device specifications without warning. No liability can be accepted for errors and misprints.

General description

HONOADOOR is a Motion and Bluetooth receiver connected with **information on the state of the door and with remote activation in real time**.

Save on commutes and secure your installation. Open the door with the phone thanks to the HONOA APP or with the fob.

Along with **cloud**Assistant, you can use HONOADOOR to instantly check the door's operation from your office, avoiding unnecessary trips to check that installations are working properly and to detect and manage suspicious fobs.

The device can work without an Internet connection, but it does require a connection for certain functions.

An Internet connection is required for:

- Setting up the device in **cloud**Assistant:
  - Setting and assigning time slots with the annual holiday calendar
- Checking the entry status in **cloud**Assistant
- Reading events in **cloud**Assistant
- Remote activation of the device with the HONOA APP
- Registering and cancelling fobs
- Alerts and notifications

No Internet connection is required for:

- Setting up the device in **cloud**Assistant:
  - Name of the device that appears on the HONOA APP
  - Name of the relay that appears on the HONOA APP
  - Activating entrances and their settings
- Granting and revoking access permission on **cloud**Assistant
- Deactivating remote opening in HONOA through **cloud**Assistant
- Deactivating Bluetooth hands-free activation in HONOA through **cloud**Assistant
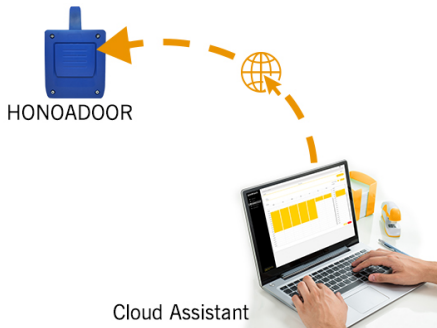
All changes to authorizations or settings in **cloud**Assistant shall be automatically updated in the HONOA APP.

For the HONOA APP to work properly on your phone, in addition to other requirements, you must authorize the use of phone data or WIFI, access to your location, and to work in the background.

The application does not require an Internet connection to activate the door.

Settings are adjusted through the **cloud**Assistant (v4 or later) with a WIFI connection.

Settings with **cloud**Assistant	Use with Honoa

Features

Power supply: The equipment is powered with a 110Vac to 230Vac voltage. 500mA protective fuse.

Relay Output: The equipment has 2 adjustable open or closed contact relay outputs. These outputs can be programmed to be activated with different fob channels through **cloud**Assistant. Moreover, these relays can be remotely activated in real time with the **cloud**Assistant.

Inputs: The equipment has 2 inputs to connect 2 limit switches to monitor the door's status (Open/Closed).

868MHz MOTION receiver module: The equipment has an 868MHz MOTION receiver module to receive from fobs.

Bluetooth receiver module: The equipment has a Bluetooth receiver module to open the door in hands-free mode with a phone with the HONOA APP. **Hands-free activation** may be disabled for the entire device in **cloud**Assistant.

WIFI / GSM Module: The equipment has a WIFI / GSM communication module for connection to the Internet and for remote opening with a phone with the HONOA APP. **Remote opening** may be disabled for the entire device in **cloud**Assistant.

**Users:** Up to 2000 users managed with **cloud**Assistant.

Events: Up to 2000 events may be viewed through **cloud**Assistant.

Statistics and information on use: You may use **cloud**Assistant to view a daily graph of the number of relay activations, accepted and rejected users, open-door and closed-door events, data consumption, and more.

Light-up signals: The equipment has three LED indicators: "ST", "NW", and "IN" to indicate the **cloud**Assistant connection status.

More information

LED indicators

Fuse 0,5A

Power Supply 100- 230vac

uSIM Card

Output Relays

Inputs

WPS / RST
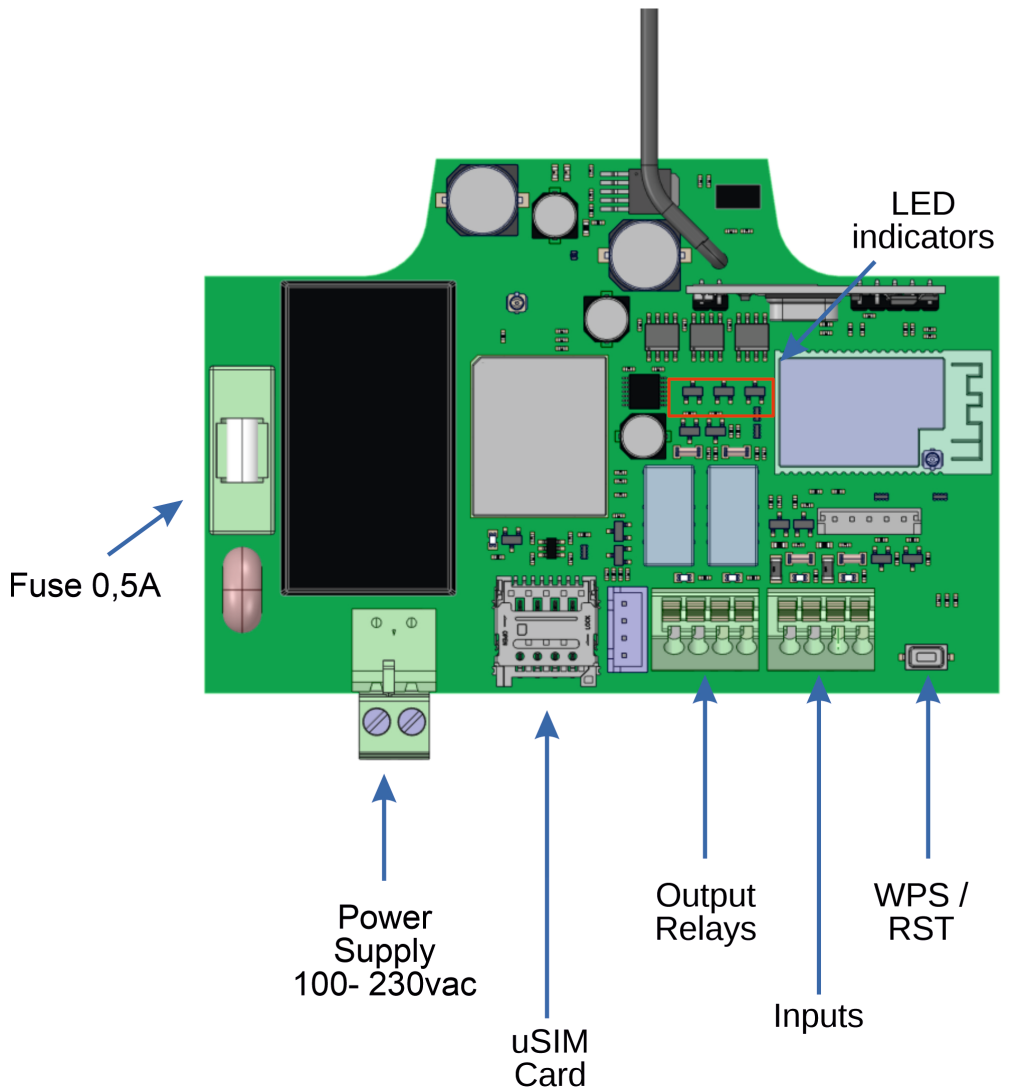
Installation

Attach the back of the box to the wall with the plugs and screws supplied.

Connect the equipment. Attach the front of the receiver to the back part with the screws supplied for this purpose.

Connection

POWER INPUT: Power supply at 230Vac.

R1: RELAY Channel 1. Potential-free contact.

R2: RELAY Channel 2. Potential-free contact

- Characteristics of output relays (for resistive load):
- Maximum current: 2A.
- Maximum power: 60W / 62.5VA.
- Maximum voltage: 24V ac/dc.

IN1: Monitoring input for NC contact.

IN2: Monitoring input for NC contact.

100-240Vac N L

Open Gate (NC)

Close Gate (NC)
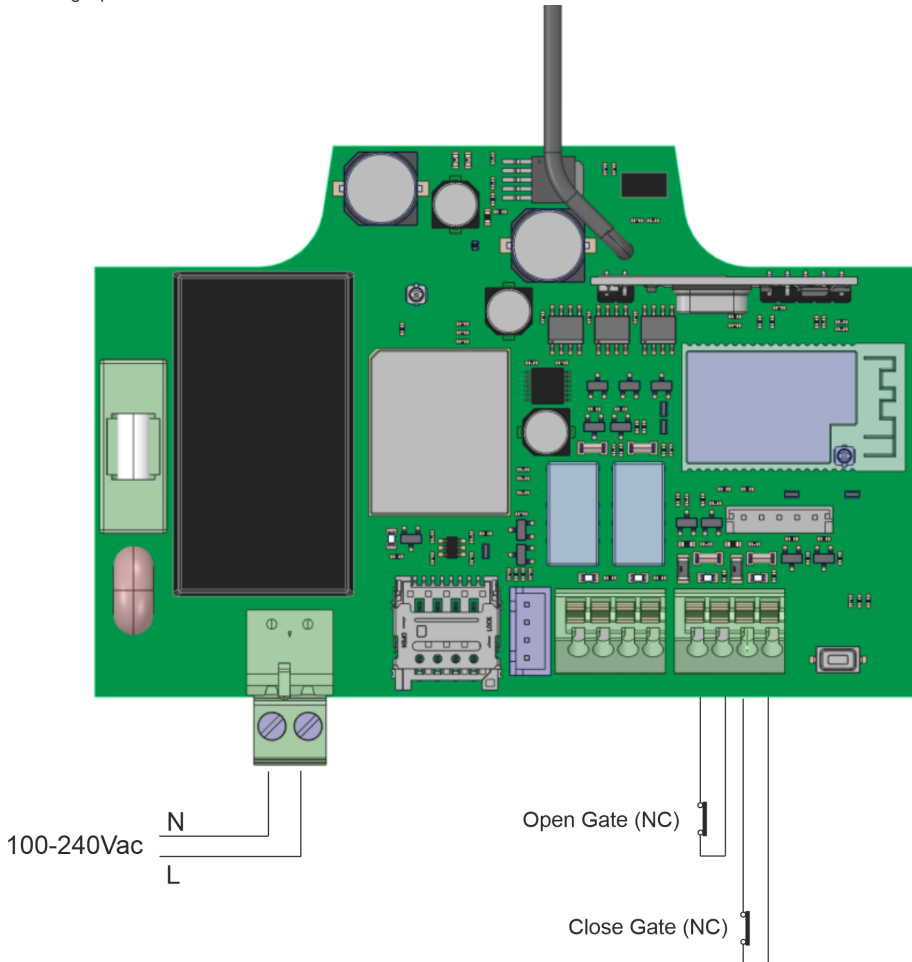
Electric lock or suction cups

The relays can switch up to 2A of resistive loads. The number of manoeuvres depends on the type and characteristics of the loads.

With resistive loads, they can reach 1000000 manoeuvres with 30W loads.

DC inductive loads: 30W / 30Vdc / 1A -> 500000 manoeuvres. One diode (1N4007) along with the electric lock or suction cups is necessary in parallel.

Example relay connection 1:

12Vdc
+ -
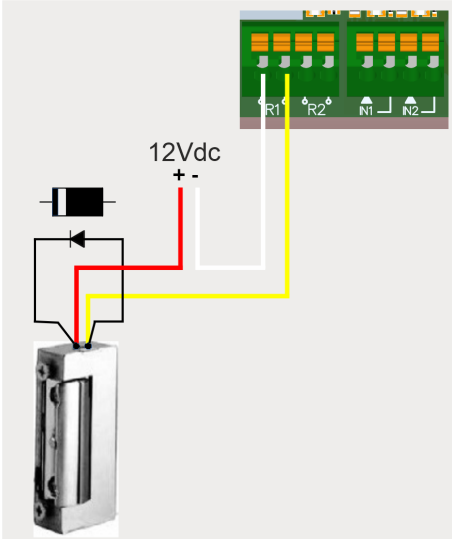
AC inductive loads: 30Va / 30Vac / 1A -> 750000 manoeuvres. A varistor (V68ZA2) with electric lock or suction cups is necessary in parallel.

Example relay connection 1:

12Vca
~ ~
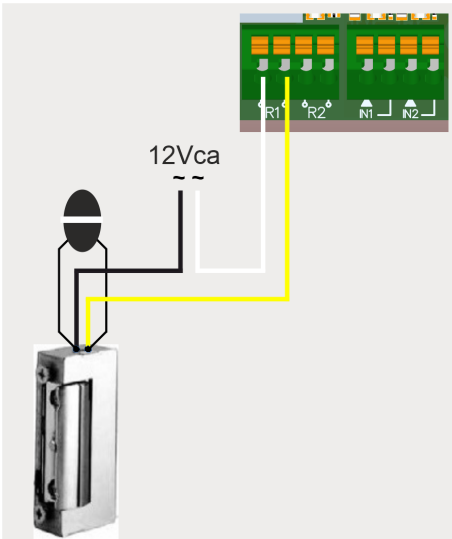
> ⚠ **If using suction cups, the relay type must be "Normally closed" (see: "Configuring relays and assigning traffic schedules").**

> ⚠ **The diode or varistor must be connected as close as possible to the electric lock or suction cup.**

Configuration

Connect to the Internet

The device must be connected to the Internet to change its settings, but it does not require a connection to function.

If the device comes with a SIM card supplied: power on the device and wait about 5 minutes until it connects to the Internet (LEDs solid green).
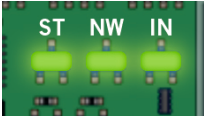

If the device does NOT come with a SIM supplied: see "Connect to a WiFi network" in "Solving problems".
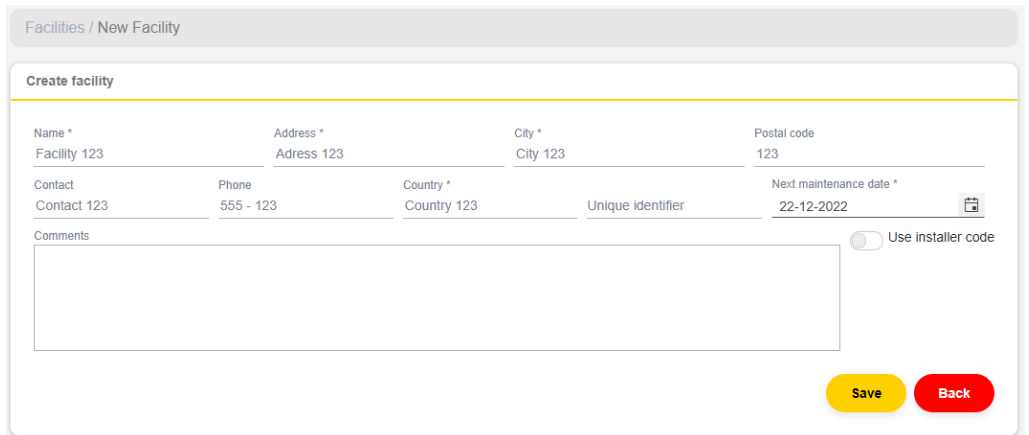
Configuration with **cloud**Assistant

Registering the equipment

Once the equipment has an Internet connection, it can be configured:

1. Enter **cloud**Assistant:https://cloudassistantv4.jcm-tech.com/login and login.
2. **Add facility** (orange button located in the lower right corner).
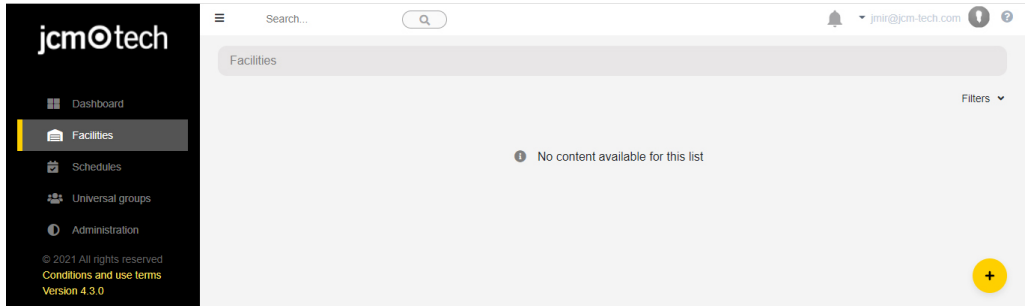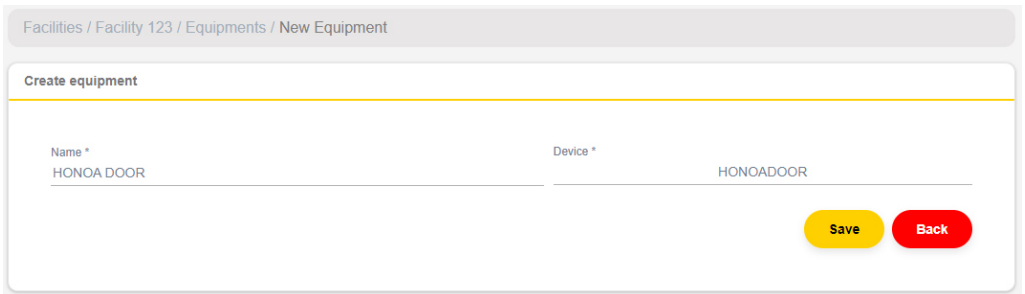

3. Fill the fields. **Save**.

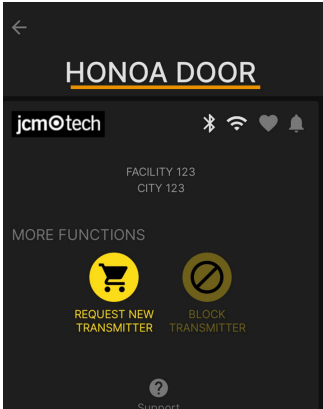The name of the installation and the city will appear in the HONOA APP:
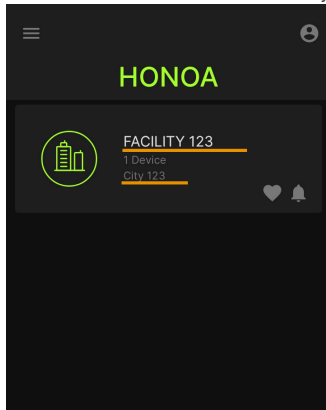
4. **Equipments** -> **Add equipment** (orange button located in the lower right corner).
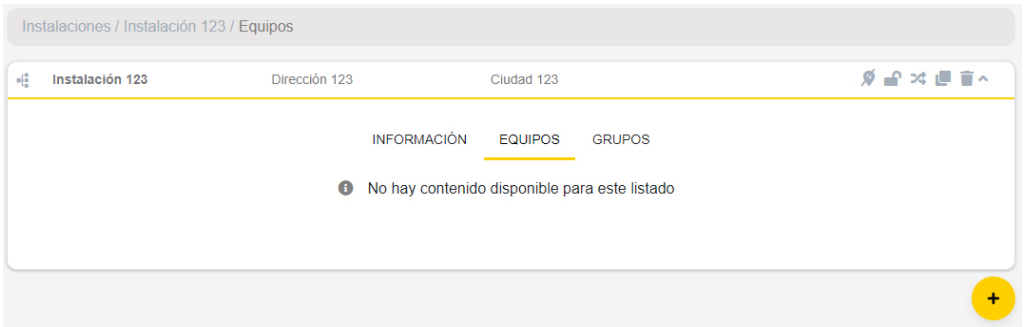
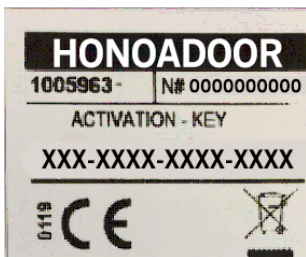5. Enter a name for the device and select HONOADOOR. **Save**.

The name of the device will appear in the HONOA APP:

6. Enter the **Activation Key** (found in the device label). Select the pertinent **Timezone** and assign names and work modes to the entries. **Save**.

The names assigned to the entries are the same ones that appear in "Remote state" (see: Operational Mode).

The Activation key and the Timezone are the only mandatory fields to register users.

On this screen, you may enable **Allow remote opening** and **Allow BlueTooth hands-free** for HONOA users. By default, these are enabled.

For remote opening, the device must be connected to the Internet.

Registering groups and users

1. **Groups** -> **Add** (orange button located in the lower right corner).

2. Enter Name and Description. **Save**.

3. Activate the relays by selecting any of the channels. HONOA activates relays. **Back**.

Relays | Schedules

USERS GROUP

HONOA DOOR

OPEN | CLOSE

- ● Channel: 1
- ○ Channel: 2
- ○ Channel: 3
- ○ Channel: 4

Back

⚠ **If this is a group of devices working with fobs, the selected channels match the function that the fob will have.**

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4. On the group screen: **Enroll code** to add fobs.

USERS GROUP   ⚙ 📄 🗑 ^

FOBS   USERS   INFORMATION

Available **2000**   Reserved **0**   Used **0**

		Ala... ⋮	Code ⋮	Type ⋮	Name ⋮	Surname ⋮	Identity card ⋮
☐			🔍	🔍	🔍	🔍	🔍
				There is no data available.			

|◄ ◄ ► ►|

Enroll code

⬆

Back

5. **Manual** to add one by one, **Sequential** to add a series of fobs. Fill in the fields correctly, enter the serial number correctly. **Accept**.

Facilities / Facility 123 / Groups / USERS GROUP / Enroll process

| Manual | Sequential | Reserve |

	Available	Reserved	Used
	2000	0	0

Device *
MUVPRO4

Code *
381077

Name
Name 123

Surname
Surname 123

Id card
123

Slot
15

Accept   **Back**

⚠️ **This equipment does not work with reservation codes and does not allow replacements. All fobs must be directly managed with the equipment's memory with the button Save configuration.**

6. On the group screen: **Add user** to add HONOA users.

Facilities / Facility 123 / Groups / USERS GROUP / Users

USERS GROUP

| FOBS | USERS | INFORMATION |

Available **1999**   Reserved **0**   Used **1**

	FOBS ...	Email		Name		Surname		Phone		
☐		🔍		🔍		🔍		🔍		
		There is no data available.								

|◄ ◄ ► ►|

Add user

Back

7. Complete the fields with the user information. **Accept**. The different users must provide the email used for their Honoa account.

> When a user is registered with cloudAssistant, they will automatically have access to the installation with the Honoa application.

8. Click "Installation Name" in the upper gray bar to go to installation.

9. **Equipments** -> **Save configuration**.

> Every time an equipment parameter is modified, you must Save configuration.

It is not necessary to press Save configuration to update HONOA user authorizations.

Configure relays and assign traffic schedules

On the equipment's "Relays" screen:

- •**Relay X:** assign name to the relay
- •**Selector:** enable/disable relay
- •**Relay type X:** Normally open/ Normally closed
- •**Relay activation time X:** set the time that the relay remains active for (it is 1 second by default)
- •**Open door schedule:** The relay activates automatically, based on the assigned weekly hours. Without assigned hours, the relay operates normally
- •**Custom open door time schedule:** Activation time goes from 1 second to the time selected in "Door open time", based on the assigned weekly hours. Without assigned schedules, the relay operates normally
- •**Relay delay time X:** set the time that it takes for the relay to activate (it is 0 seconds by default)
- •**Door open time:** time in seconds

For the activation times and schedule to work, the device must be connected to the Internet.
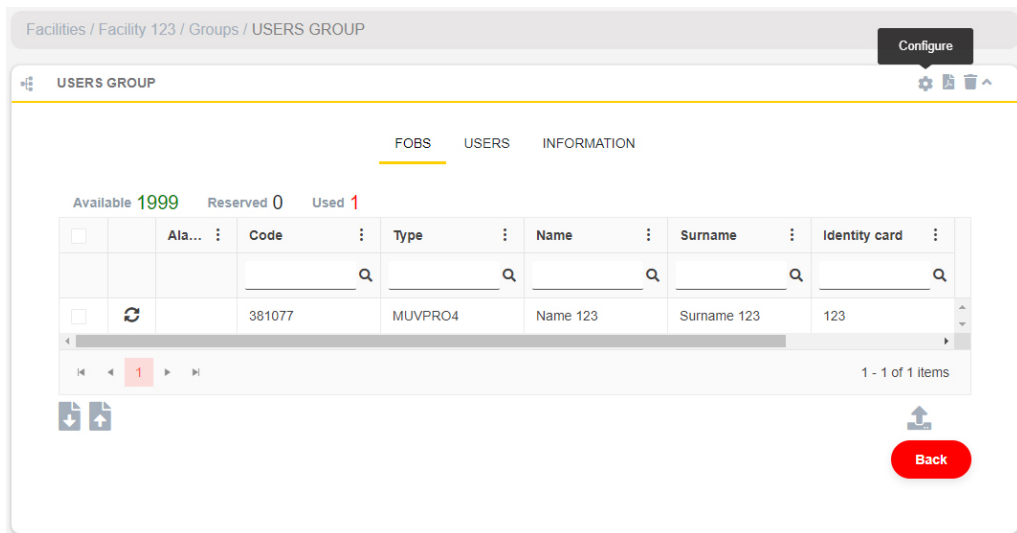

Every time an equipment parameter is modified, you must save configuration.

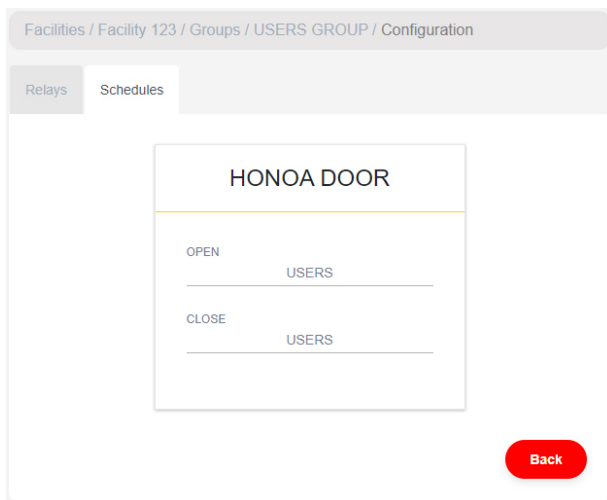The relay names are displayed in the HONOA APP:
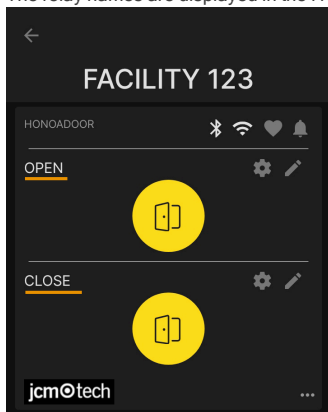
Set group schedules

The assignment of a schedule to a group is done in the "Configuration" screen of groups:

Group users can only activate the relay when within the assigned hours. If there is no assigned schedule, it can always be activated.

For the schedule to work, the device must be connected to the Internet.

Every time an equipment parameter is modified, you must save configuration.

Administration: Honoa

HONOA users may view your contact information by clicking on the logo to the bottom left of the device in the HONOA APP. Contact information can be changed on the "Honoa" screen under "Administration".
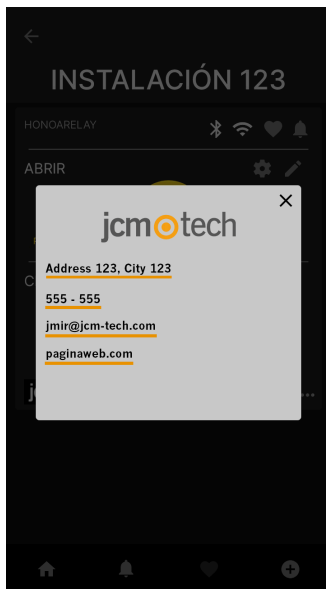
Events

HONOADOOR is a device with an event record. To see them, in **cloud**Assistant, go to the device's **"Events"** screen.

When HONOADOOR does not have an Internet connection, the device keeps working, but without sending the events in real time. In this case, the events are stored locally on the device. To load the list of events from the device, go to the **"Events"** screen → **"Load events"**.

To read the events, the device must be connected to the Internet.

To reset the device's list of events, select **"Remove events"**.

Remote control from **cloud**Assistant

To control the equipment remotely it is necessary to have it connected to the Internet:

- Go to "**Facilities**" -> "Facility name" -> "**Equipments**"-> Select "**Remote State**" (button with the door).
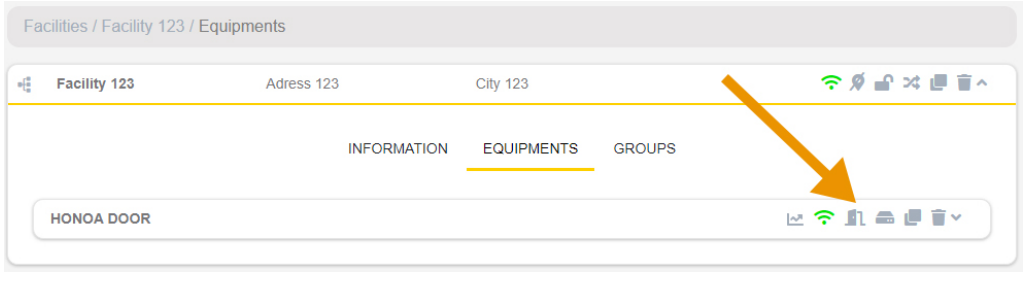
We can view the status of the inputs and remotely activate the equipment's relays. You also have information on the equipment (equipment versions, connection levels, etc.).

Anti-Passback

HONOADOOR can operate with Anti-Passback.

The Anti-Passback is to monitor passage, preventing a user from entering twice consecutively in the same direction. The user must enter once in each direction (entry and exit).

To validate entry, the user must be located in the entry loop and press the fob at the same time. To validate exit, the user must be located in the exit loop and press the fob at the same time.

Sketch HONOADOOR installation with layout of inputs Anti-Passback mode operation with magnetic Entry/Exit detectors:

POWER INPUT: Power supply at 230Vac.

R1: RELAY Channel 1. Potential-free contact.

R2: RELAY Channel 2. Potential-free contact

- Characteristics of output relays (for resistive load):
- Maximum current: 2A.
- Maximum power: 60W / 62.5VA.
- Maximum voltage: 24V ac/dc.

IN 1: Exterior magnetic detector open-contact input.

IN 2: Interior magnetic detector open-contact input.
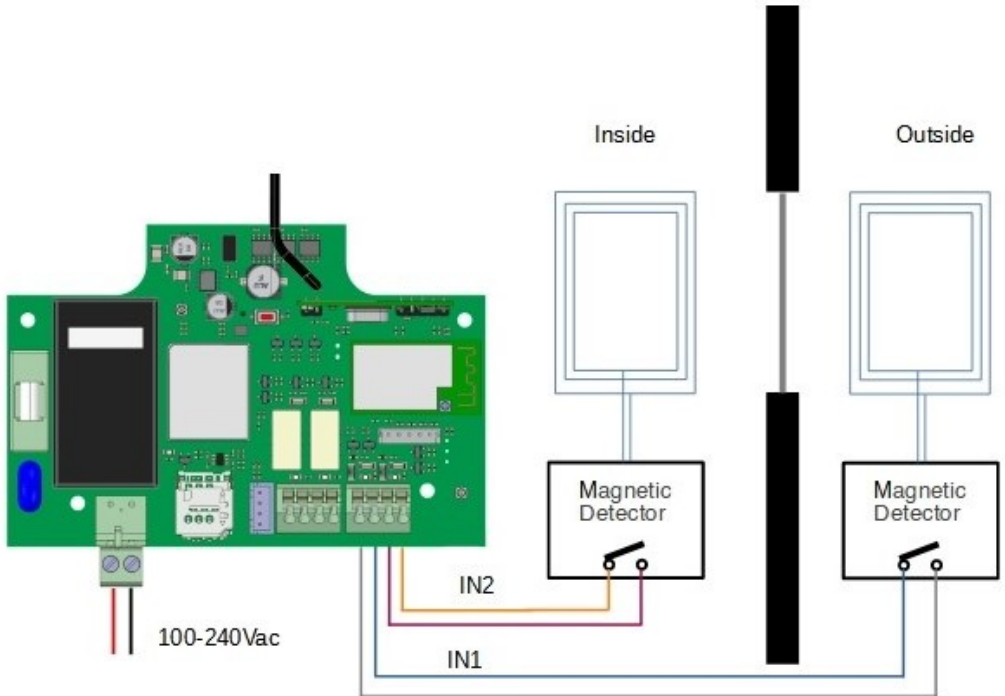
Settings in **cloud**Assistant

HONOA DOOR

Name *		Device *
HONOA DOOR		HONOADOOR

| Parameters | Relays | Fobs | Groups | Events |

Timezone	Europe/Madrid
Anti-Passback Mode (APB)	Mode 1 (1 entry/exit door)
Anti-passback reset time in hours (Anti-timeback)	0
HONOA Allow remote opening	Yes
HONOA Allow BlueTooth hands-free	Yes
Input 1 name	Anti-Passback in
Input sensor 1 mode	Input APB normally open
Input 2 name	Anti-Passback out
Input sensor 2 mode	Output APB normally open

Save   Back

The Anti-timeback is a timed Anti-Passback. It allows two consecutive entries in the same direction after the selected time has passed. By default to 0 (without Anti-timeback).

Verification

LED behaviour

| | OFF | | | FIXED | | | BLINKING |

| State	Status LED	Network LED	Internet LED	Action
Power off	OFF	OFF	OFF	-
No Firmware	GREEN	RED	RED	CALL TECHNICAL SUPPORT
Starting	GREEN blinking	OFF	OFF	WAIT
Wi-Fi/GSM Configuring	GREEN blinking	RED blinking	OFF	Use embedded web or WPS to configure connectivity
Wi-Fi/GSM Configuring timeout	GREEN blinking	RED	OFF	Reset device
Connecting Wi-Fi/GSM	GREEN	GREEN blinking	OFF	WAIT
WIFI/GSM Error	GREEN	RED	OFF	WRONG WI-FI/GSM PASSWORD
Internet Connecting	GREEN	GREEN	GREEN blinking	WAIT
Internet Error	GREEN	GREEN	RED blinking	CHECK ROUTER (INTERNET)
JCM Cloud Connecting	GREEN	GREEN	GREEN blinking	WAIT
JCM Cloud Error	GREEN	GREEN	RED	CALL TECHNICAL SUPPORT
Ready	GREEN	GREEN	GREEN	-
Reset	GREEN	RED blinking	RED blinking	Keep reset button pressed
Update	GREEN blinking	GREEN blinking	GREEN blinking	WAIT
Communicating	GREEN blinking	GREEN	GREEN	-

Solving problems

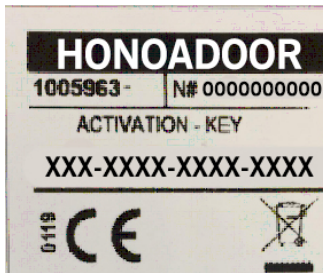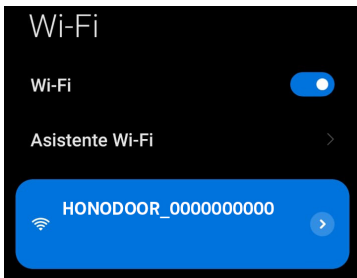## Connect to a WiFi network

⚠️ If the equipment comes with a SIM supplied, skip this section.

With the device connected to a power source, check that the ST LED is blinking green, and that the NW LED is blinking in red. If this is not the case, hold the WPS / RST button for 10 seconds (release when the ST LED is solid green, and the NW LED is solid red).
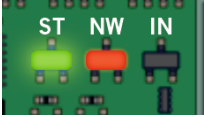
If you cannot find the WPS / RST button or the LED lights, see the image on page 6.

Use your phone or computer to connect to the WIFI network **HONOADOOR_0000000000**. "0000000000" is in reference to the device's serial number (found on the label on the back of the device).

Set up the HONOADOOR_0000000000 connection: the settings website will automatically appear (if not, go to **192.168.4.1** on your browser):

Select the WIFI network to connect to (the signal must be **Good** or **Poor** for optimum operation), enter the WIFI password, and press "Save".

Wait until the three LED lights are solid green, indicating that the WIFI connection has been successfully established. This operation may take a minute.

Resolve reception issues

In the event that the equipment does not have optimum reception where it is installed, you may purchase one of the following antenna boosters by contacting your regular supplier:

1. WIFI/BLE -> 1007315_BLE_ANT_2M
2. GSM/2G/LTE -> 1007316_MLTE_ANT_3M

Notes

Technical data

Parameter	Value
Power Supply	100 - 230Vac
Stand-by / operating consumption	0,250A / < 0,001A
Relay Contacts (R1 / R2)	2A Resistive load
Operating temperature	-20ºC / +55ºC
Size (L/W/H)	140 x 220 x 55mm
Watertighness	IP54 (with cable gland IP65)
Operating frequencies	868MHz
Coding	High security changing code
Memory	2000 codes
GSM network type	LTE Cat M1/Cat NB2/EGPRS
Network type	WIFI/BLE

Regulatory Data

UKCA Declaration of conformity

The manufacturer **JCM TECHNOLOGIES, SAU** declares that the product **HONOADOOR** complies with the relevant fundamental requirements of the Radio Equipment Regulations 2017 and of the RoHS Regulations 2012.

EU Declaration of conformity

The manufacturer **JCM TECHNOLOGIES, SAU** declares that the product **HONOADOOR** complies with the relevant fundamental requirements of the RED Directive 2014/53/EU and of the RoHS Directive 2011/65/EU.

See website https://www.jcm-tech.com/declarations/

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C/ COSTA D'EN PARATGE, 6B
08500 VIC (BARCELONA)
SPAIN