



# HDOOREVO

User Manual

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## Important safety instructions



This manual contains important instructions and warnings for personal safety. Carefully read all parts of this manual. If in doubt, suspend installation immediately and contact the manufacturer Technical Assistance.

Keep this manual in a safe place to enable future product maintenance and disposal procedures.

### Important safety instructions for installation



Disconnect the power supply whenever you proceed to the installation, maintenance or repair of the equipment.

- Install any permanent control next to the door away from any moving part and at a minimum height of 1.5m.
- For permanently connected equipment, an easily accessible power disconnection device must be incorporated into the wiring. It is recommended that this be of the emergency switch type.
- This equipment can only be handled by a specialist fitter, by maintenance staff or by a suitably trained operator.
- Use protective goggles when handling the equipment.
- Fuses must only be handled when the appliance is disconnected from the mains.
- The instructions for using this equipment must remain in the possession of the user.
- Never apply modifications to any part of the device. Operations other than those specified may only cause malfunctions. The manufacturer declines all liability for damage caused by makeshift modifications to the product.
- Never place the device near to sources of heat and never expose to naked flames. These actions may damage the product and cause malfunctions.
- Handle the product with care, being sure not to crush, knock or drop it in order to avoid damage.

### Important safety instructions for use

- This product is not intended for use by people (including children) with reduced physical, sensory or mental capabilities or who lack experience and knowledge, unless they have been given supervision or instruction concerning the use of the product by a person responsible for their safety.



**PRODUCT DISPOSAL** This product may not be disposed of together with domestic waste. Sort the materials for disposal, according to the methods envisaged by current legislation in your area, or return the product to the retailer when purchasing an equivalent product.

### Use of the equipment / Use of the system

Designed for automation of garage doors, in accordance with the general description. Not guaranteed for other uses.

The manufacturer reserves the right to alter equipment specifications without prior notification. No liability can be accepted for errors and misprints.

# Introduction

## General description

**HDOOREVO** 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.

Since the **HONOADOOR** solution devices are connected to the Internet, you can manage them anywhere and instantly, through **cloudAssistant** by JCM, providing a fast response thanks to online management and task automation.

You can open the door with the **MOTION** control, **MOTION** proximity tag, the **HONOA APP** and/or **WIEGAND** devices.

Along with **cloudAssistant**, you can use **HDOOREVO** 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 **cloudAssistant**:
  - Setting and assigning time slots with the annual holiday calendar
- Checking the entry status in **cloudAssistant**
- Reading events in **cloudAssistant**
- 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 **cloudAssistant**:
  - 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 **cloudAssistant** for **HONOA** users
- Deactivating remote opening in **HONOA** through **cloudAssistant**
- Deactivating Bluetooth hands-free activation in **HONOA** through **cloudAssistant**

All changes to authorizations or settings in **cloudAssistant** 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, 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 **cloudAssistant** (v4 or later) with a Internet connection.





## 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 **cloudAssistant**. Moreover, these relays can be remotely activated in real time with the **cloudAssistant**.

**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.

**Extension module for wired keyboards and readers:** the device includes two "Wiegand" inputs (one can be used as BUS S / C4plus), a "Wiegand" output, and a "BUS-L" input, whose settings can be managed with **cloudAssistant**. Consumption of devices connected to these inputs cannot exceed 250mA.

**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** (BETA function) may be disabled for the entire device in **cloudAssistant**.

**Communication Module:** The equipment has a GSM / Cat M1 / NB-IoT 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 **cloudAssistant**.

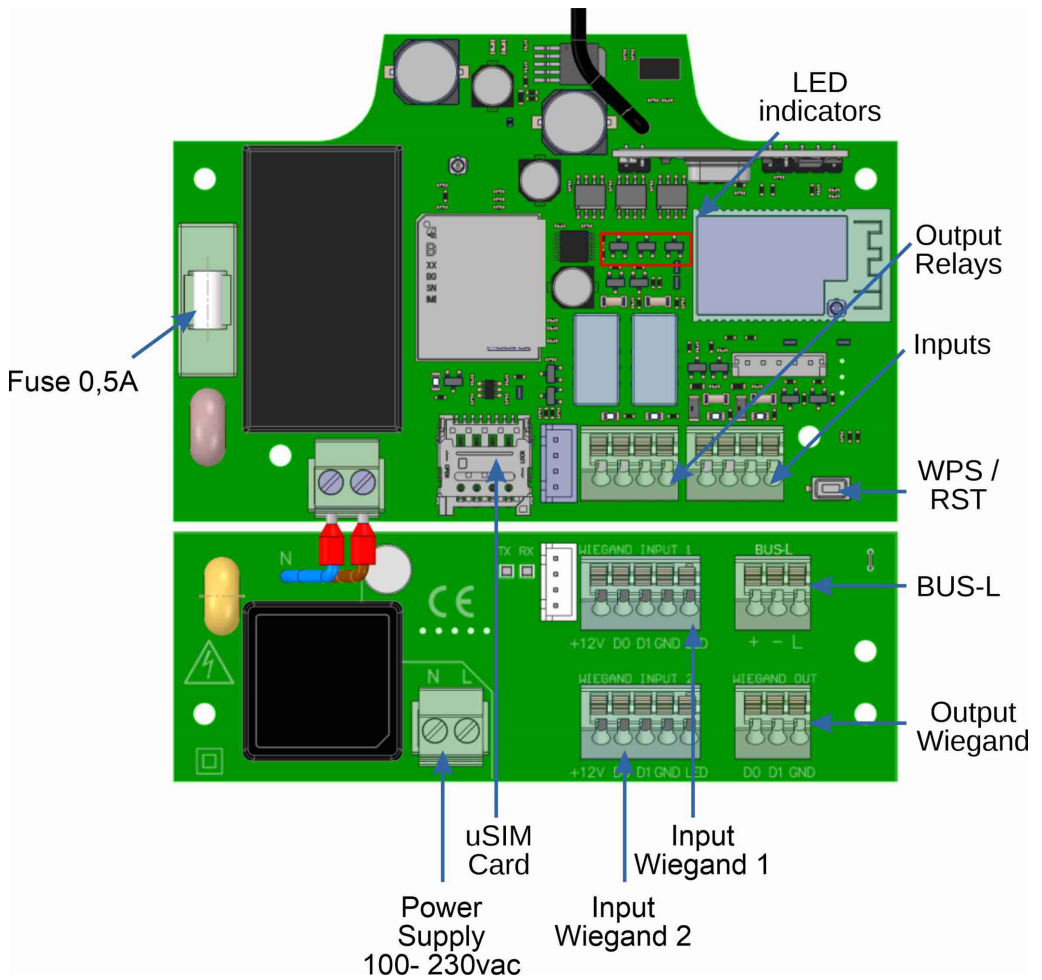
**Users:** Up to 5000 users managed with **cloudAssistant**.

**Events:** Up to 2000 events may be viewed through **cloudAssistant**. Service available expansion to 5000 events.

**Statistics and information on use:** You may use **cloudAssistant** 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 **cloudAssistant** connection status.

**Monitoring:** The equipment offers options for monitoring a door and configuring access control and maintenance alerts.



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.

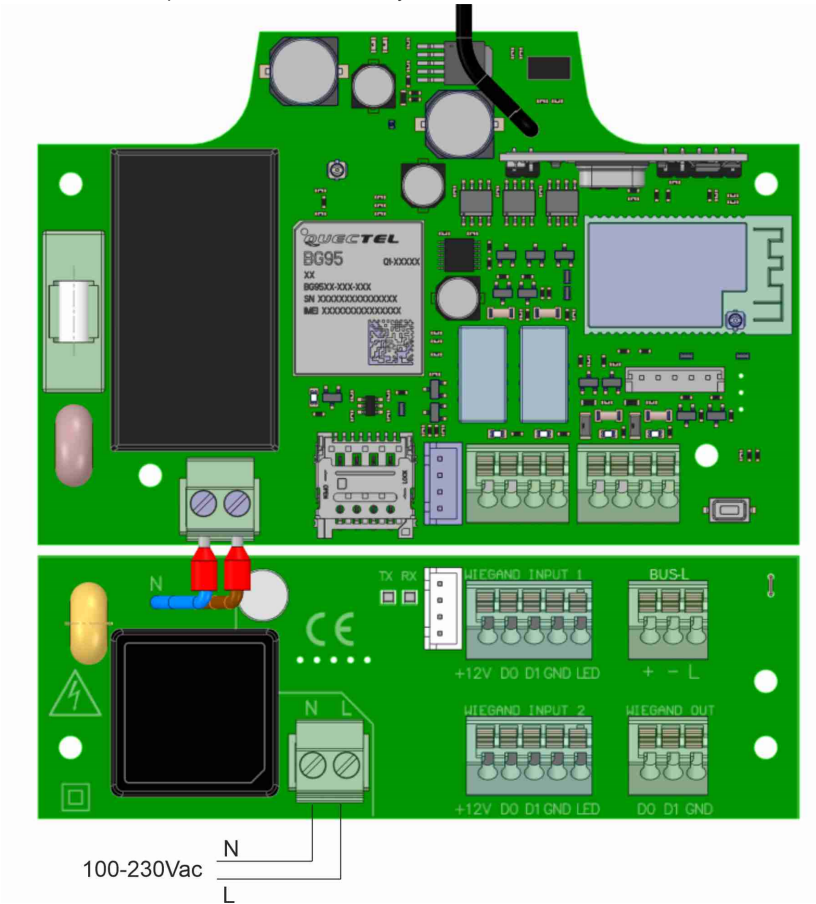
## R2: RELAY Channel 2. Potential-free contact

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

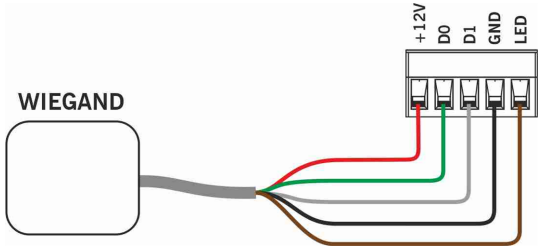
**IN1:** Monitoring input for NC contact.

**IN2:** Monitoring input for NC contact.

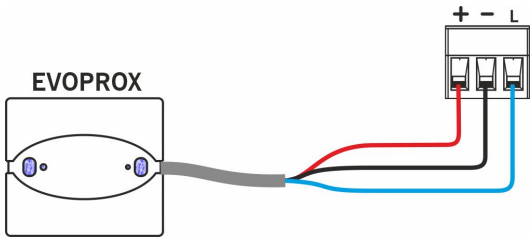
**WIEGAND OUT:** WIEGAND output for connection to auxiliary devices.



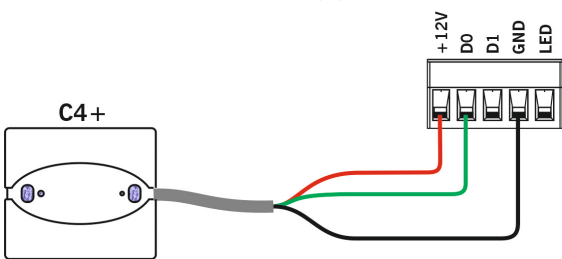
**WIEGAND INPUT X:**Consult the WIEGAND equipment manual to see the connection.



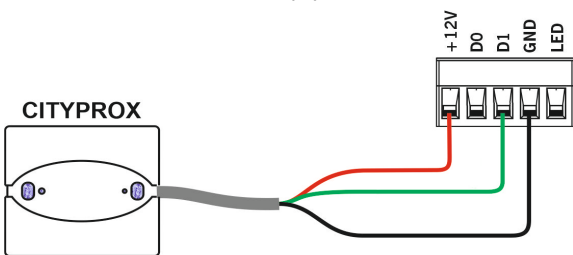
**BUS-L:** Consult the EVOPROX equipment manual to see the connection.



**C4plus:** Consult the CITYPROX C4+ equipment manual to see the connection.



**BUS S:** Consult the CITYPROX equipment manual to see the connection.



Cityprox must be connected to the Wiegand2 input of the HDOOREVO.

In Cloud Assistant, you must configure the Wiegand 2 input as BUS-S (See more information on page 21).

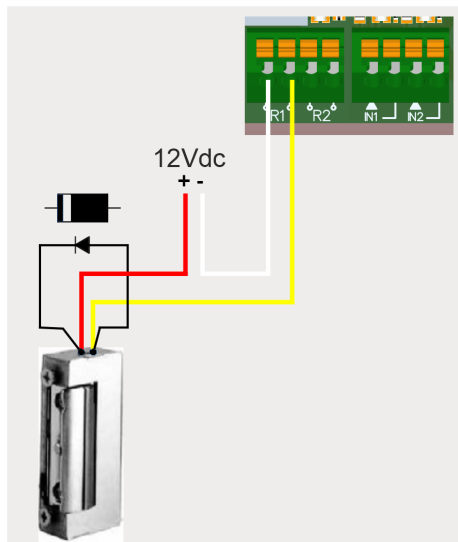
## Electric lock or suction cups

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.

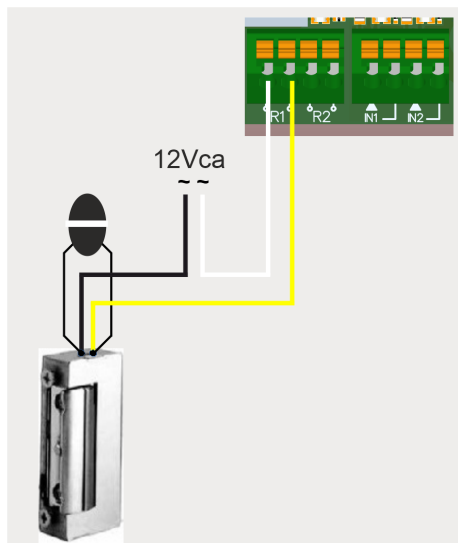
**DC inductive loads:** 30W / 30Vdc / 1A -> 500000 manoeuvres. One diode (1N4007) along with the electric lock or suction cups is necessary in parallel.

Example relay connection 1:



**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:

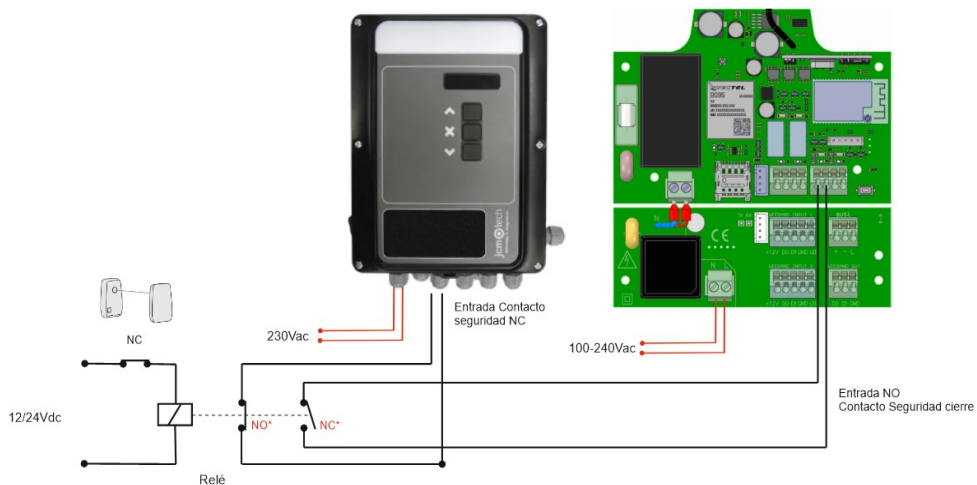


! If using suction cups, the relay type must be "Normally closed" (see: "Configuring relays and assigning traffic schedules").

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

## Monitoring

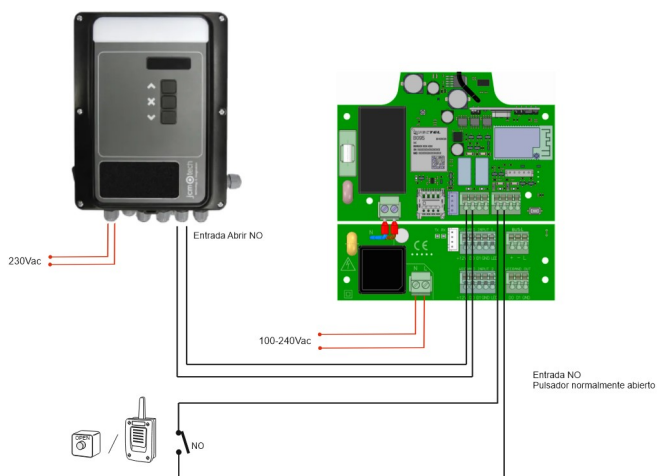
### Safety contact monitoring (intermediate relay):



Example connection Contact Sec. Close NA

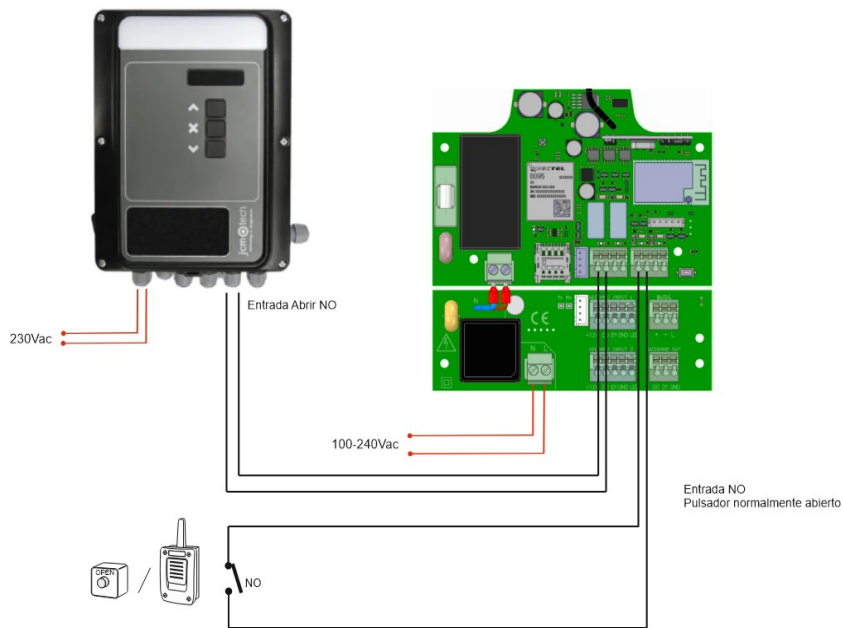
(\*) With an NC input, the relay reverses the logic of the output signals.

### Monitoring of open/alternative/external receiver signals (without intermediate relay)



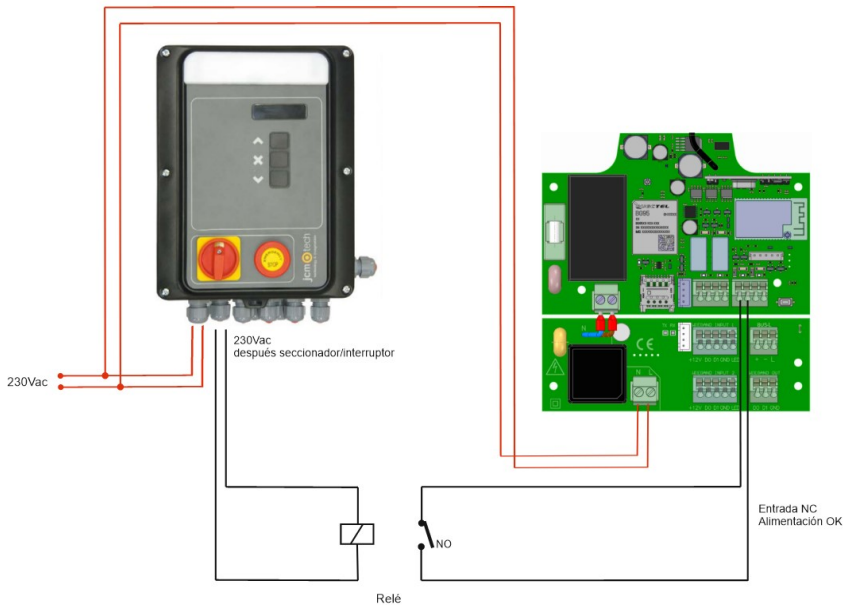
The open/alternative signal must be connected to an input on the HONOOR in Push Button mode. Furthermore, it should be noted that IN1 activates R1 and IN2 activates R2 (always, not configurable).

Open/closed door contact monitoring (without intermediate relay)



Example connection Contact Door 1 Open

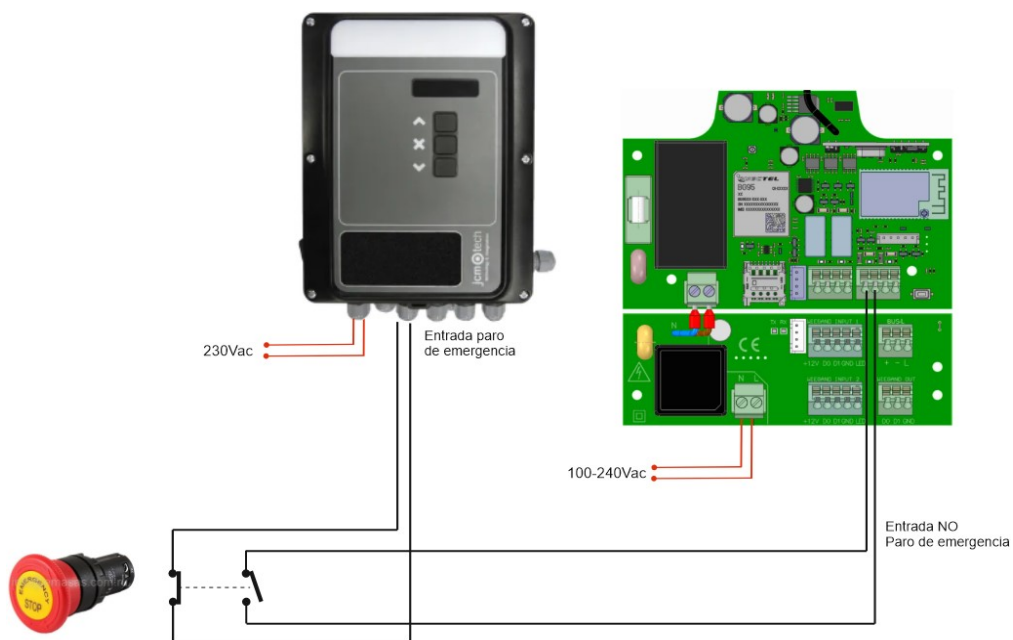
Door power supply monitoring





To monitor the mains power supply, an external UPS is required.

### Emergency push button monitoring



The emergency button must have two separate chambers.

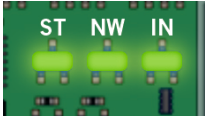


## Configuration

### 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.

**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).

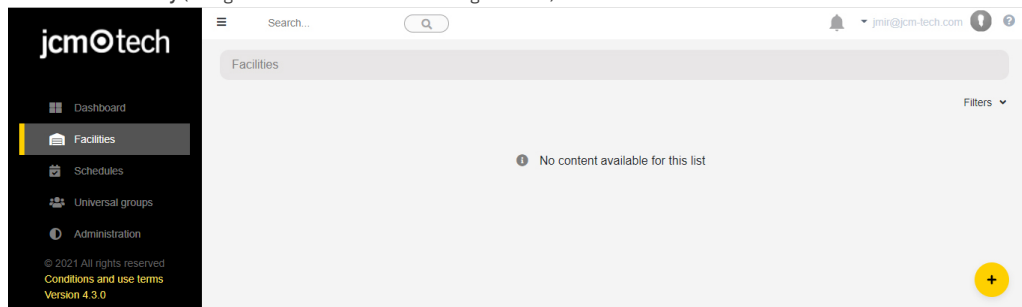


# Configuration (cloudAssistant)

## Registering the equipment

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

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



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

Facilities / New Facility

### Create facility

|              |             |             |                         |
|--------------|-------------|-------------|-------------------------|
| Name *       | Address *   | City *      | Postal code             |
| Facility 123 | Address 123 | City 123    | 123                     |
| Contact      | Phone       | Country *   | Next maintenance date * |
| Contact 123  | 555 - 123   | Country 123 | 22-12-2022              |

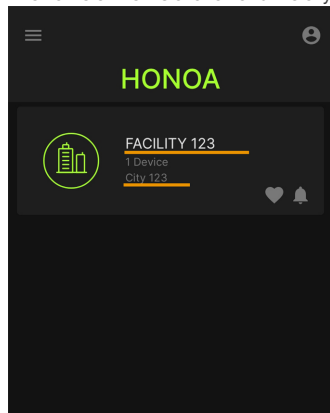
Unique identifier

Comments

☐ Use installer code

**Save** **Back**

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).

Instalaciones / Instalación 123 / Equipos

Instalación 123 Dirección 123 Ciudad 123

INFORMACIÓN EQUIPOS GRUPOS

**i** No hay contenido disponible para este listado

+

5. Enter a name for the device and select HONOADOOR. **Save**.

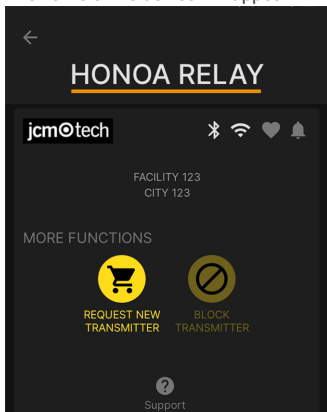
Facilities / Facility 123 / Equipments / New Equipment

Create equipment

Name \* HONOA DOOR Device \* HONOADOOR

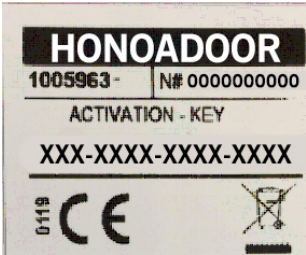
Save Back

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).



HONOA DOOR

Name \*

HONOA DOOR

Device \*

HONOA DOOR

Parameters

Relays

Fobs

Groups

Events

|                                                   |                                               |
|---------------------------------------------------|-----------------------------------------------|
| Activation key                                    | 1Si8-vJcA-Vso4-BEzu                           |
| Active group on FREE system                       | No                                            |
| Group number on FREE system                       | 0                                             |
| Group 0 on FREE system blocked                    | No                                            |
| Data usage                                        | Low                                           |
| Timezone                                          | Europe/Madrid                                 |
| Anti-Passback Mode (APB)                          | Unused                                        |
| Anti-passback reset time in hours (Anti-timeback) | 0                                             |
| HONOA Allow remote opening                        | Yes                                           |
| HONOA Allow BlueTooth hands-free                  | Yes                                           |
| Input 1 name                                      | Open door                                     |
| Input sensor 1 mode                               | [Door 1] Normally closed opening limit switch |
| Input 2 name                                      | Close door                                    |
| Input sensor 2 mode                               | [Door 1] Normally closed closing limit switch |

Save

Back

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

If working with Wiegand, see "Wiegand: Settings".

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).

HONOA DOOR

Name \*

HONOA DOOR

Device \*

HONOADOOR

Parameters

Relays

Fobs

Groups

Events

| Name | Actions |
|------|---------|
|------|---------|

Save

Back

+

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

Create facility group

Name \*

USERS GROUP

Description

Description 123

Save

Back

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

Facilities / Facility 123 / Groups / USERS GROUP / Configuration

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.

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

Facilities / Facility 123 / Groups / USERS GROUP

USERS GROUP

FOBS WIEGAND USERS INFORMATION

Available 5000 Not assigned 0 Used 0

|  | Alarm | Code | Type | Name | Surname | Identity c... | Slot |
|--|-------|------|------|------|---------|---------------|------|
|  |       |      |      |      |         |               |      |

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 Reservations

Available 5000 Not assigned 0 Used 0

Device \*  
MUVPRO4

Code \*  
381077

Name  
Name 123

Surname  
Surname 123

Identity 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 / Installation 123 / Groups / Group 1

Group 1

USERS INFORMATION

Available Reserved 0 Used 0

|  | FOBS / ... | Email | Name | Surname | Phone |  |
|--|------------|-------|------|---------|-------|--|
|  |            |       |      |         |       |  |

There is no data available.

0 Add user

Back

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

Add user

Email

jmir@jcm-tech.com

Name

Jaume

Surname

Mir

Phone

555

Accept

Back

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.

Facilities / Facility 123 / Groups / USERS GROUP / Users

USERS GROUP

FOBS WIEGAND USERS INFORMATION

Available 4999 Used 1

| <input type="checkbox"/> | Email              | Name     | Surname  | Phone | From      | To       |  |  |  |
|--------------------------|--------------------|----------|----------|-------|-----------|----------|--|--|--|
| <input type="checkbox"/> | jmir@jcm-tech.c... | Carlitos | Martinez |       | 9/26/2023 | 1/1/2100 |  |  |  |

1

Back

9. Equipments -> Save configuration.

Facilities / Facility 123 / Equipments

Facility 123

5th Avenue

New York

INFORMATION EQUIPMENTS GROUPS EVENTS RECORD

HONOADOOR HONOADOOR

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.

jcmtechnologies

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# Configure relays and assign traffic schedules

On the equipment's "Relays" screen:

InformationParametersRelaysFobsGroupsEvents

|                  |                                     |                               |                                |                          |                                      |
|------------------|-------------------------------------|-------------------------------|--------------------------------|--------------------------|--------------------------------------|
| Relay 1<br>OPEN  | <input checked="" type="checkbox"/> | Relay type 1<br>Normally open | Relay 1 activation time<br>1 s | Open door schedule<br>-- | Custom open door time schedule<br>-- |
|                  |                                     |                               | Relay 1 delay time<br>0 s      |                          | Door open time<br>5 s                |
| Relay 2<br>CLOSE | <input checked="" type="checkbox"/> | Relay type 2<br>Normally open | Relay 2 activation time<br>1 s | Open door schedule<br>-- | Custom open door time schedule<br>-- |
|                  |                                     |                               | Relay 2 delay time<br>0 s      |                          | Door open time<br>1 s                |

Save

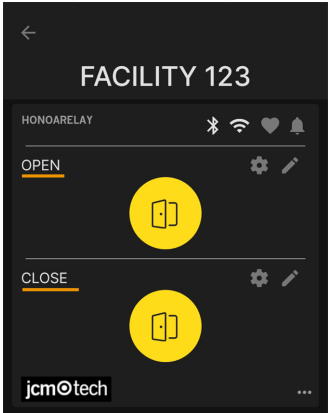
- **Relay X:** assign name to the relay
- **Selector:** enable / disable relay
- **Relay type X:** Bistable / Normally open/ Normally closed
- **Relay activation time X:** set the time that the relay remains active for (it is 1 second by default)
- **Relay delay time X:** set the time that it takes for the relay to activate (it is 0 seconds 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 scheludes, the relay operates normally
- **Door open time:** time in seconds

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



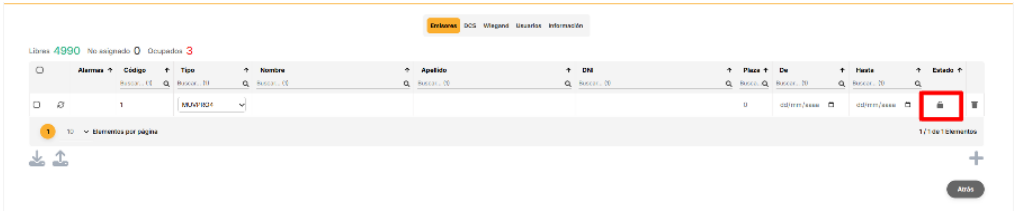
Every time an equipment parameter is modified, you must save con-  
figuration.

The relay names are displayed in the HONOA APP:

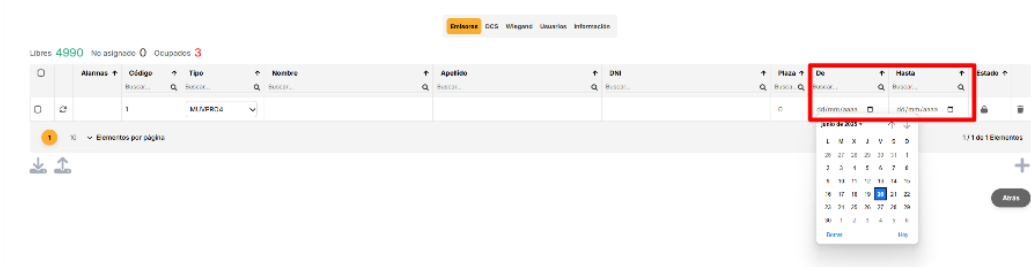


# Blocking of broadcasters/DCS/users

To manually block senders, DCS, or users, click on the padlock icon.

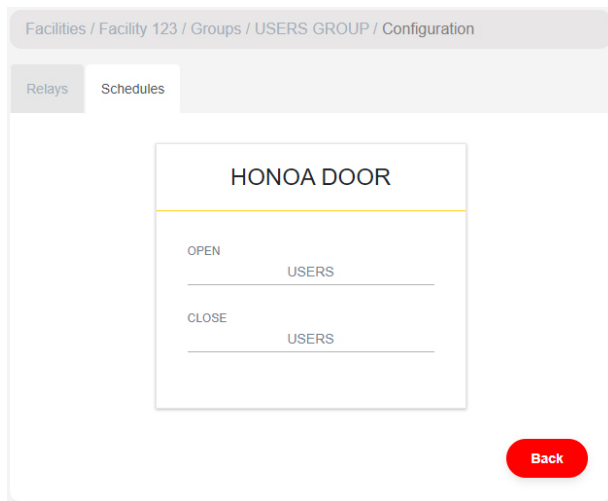


To block between dates using the calendar, select the start date and end date.



\*\* To lock WIEGAND devices, you must have subscribed to the 'HDOOR\_WGLCK\_1Y' service.

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



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

# 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".

Administration / Honoa

Web customizationInvitationsCompaniesUsersHolidaysHonoa

Customize device information for app HONOA

jcmotech

Logo \*

E-mail \*  
jmir@jcm-tech.com

Phone \*  
555 - 555

City \*  
City 123

jcmotech

Collapsed logo

Web \*  
website.com

Address \*  
Address 123

Mobile preview

jcmotech

Address 123  
City 123  
555 - 555  
jmir@jcm-tech.com  
website.com

SaveBack



## Monitoring

To configure access control alerts and maintenance alerts, please refer to the HONOADOORMONITOR user manual.

The equipment is compatible with the old range of DCS remotes and proximity devices. To connect them, the BUS S (CITYPROX) must be connected to the D1 input of the WIEGAND2, and the C4plus (INTERFACERF/WG & CITYPROX C4+) to the D0 input of the WIEGAND2.

The BUS S / C4plus allows management of up to four connected channels. Channel and relay assignment is configured via **cloudAssistant**.

In **cloudAssistant**, the codes of remotes and proximity cards must be registered from the DCS tab of the user group.

Requirements

Software versions:

- HDOOREVO → 01.03.16.00 or later.
- HDOORWG → 02.01.00.00 or later.

An INTERFACE RF/WG, a 433MHz multiprotocol radio receiver, for reading DCS fobs.

A CITYPROX or CITYPROX C4+, a proximity reader, for reading DCS RFID fobs.

Configuration

In the "Parameters" tab of the equipment, select "BUS S / C4plus" in the "Wiegand2 bus configuration" field.

Facilities / Nakatomi Plaza / Equipments / HDOOREVO / Parameters

HDOOREVOHONADOOR

InformationParametersRelaysCodesUsersGroupsEvents

| Name                                                | Values       |
|-----------------------------------------------------|--------------|
| Active group on FREE system                         | No           |
| Group number on FREE system                         | 0            |
| Group O on FREE system blocked                      | No           |
| Anti-Passback Mode (APB)                            | Unused       |
| Reset time Anti-Passback in minutes (Anti-timeback) | 0            |
| Busy slot control                                   | No           |
| Wiegand configuration                               | ⚙            |
| Wiegand2 bus configuration                          | BUS S C4plus |
| Event settings                                      | Wiegand      |
|                                                     | BUS S C4plus |

SaveBack

# Add users

On the group screen assigned to the device, go to the "DCS" tab. **Enroll code** to add fobs.

Facilities / Nakatomi Plaza / Groups / Neighbors / DCS

Neighbors

FobsDCS Wiegand Users Information

Availables 4976 Not assigned 0 Used 10

| <input type="checkbox"/> | Code      | Type         | Name      | Surname   | Identity card | Slot      |  |
|--------------------------|-----------|--------------|-----------|-----------|---------------|-----------|--|
|                          | Search... | Search...    | Search... | Search... | Search...     | Search... |  |
| <input type="checkbox"/> | 202020    | NEOCARDPR... |           |           |               | 0         |  |
| <input type="checkbox"/> | 202021    | NEOKEY       |           |           |               | 0         |  |

1 5 Items per page

1 / 2 of 2 items

Enroll code

Back

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

Facilities / Nakatomi Plaza / Groups / Neighbors / DCS / Create

ManualSequential

Availables 4976 Not assigned 0 Used 10

Device \*  
NEOKEY

Code \*

Name

Surname

Identity card

Slot  
0

SaveBack

## Equipments -> Save configuration

Facilities / Facility 123 / Equipments

Facility 1235th AvenueNew York

INFORMATIONEQUIPMENTSGROUPSEVENTSRECORD

HONOADOORHONOADOOR

Save configuration



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

# Wiegand

The device has two inputs to connect Wiegand26 or Wiegand34 devices. It also has a Wiegand output for the "radio connect interface" feature.

You can manage settings for Wiegand formats through the **cloudAssistant**, and these settings are applied to Wiegand inputs and the output.

All devices connected to Wiegand input 1 act on channel 1, and the ones with Wiegand 2 on channel 2. You can define the channels that activate relays in group settings. There are no Wiegand channels 3 and 4.

## Settings

In the device's "Parameters" tab, click the "Wiegand Configuration" icon.

The screenshot shows the 'HONDA DOOR' cloudAssistant interface. At the top, there's a header with 'HONDA DOOR' and 'HONADOOR'. Below it, a navigation bar contains tabs: 'Información', 'Parámetros', 'Relés', 'Emisores', 'Grupos', and 'Eventos'. The 'Parámetros' tab is active, and within it, the 'Configuración Wiegand' sub-tab is selected, indicated by a gear icon. The configuration table has the following fields:

| Configuración Wiegand |                                                           |
|-----------------------|-----------------------------------------------------------|
| Nombre entrada 1      | Puerta abierta                                            |
| Modo entrada 1        | [Puerta 1] Final de carrera apertura normalmente cerrado  |
| Nombre entrada 2      | Puerta cerrada                                            |
| Modo entrada 2        | [Puerta 1] Final de carrera de cierre normalmente cerrado |
| Nombre sensor radio 3 |                                                           |
| Modo sensor radio 3   | No usado                                                  |
| Clave sensor radio 3  |                                                           |
| Nombre sensor radio 4 |                                                           |

At the bottom right of the configuration area, there are two buttons: 'Guardar' (Save) and 'Atrás' (Back).

Select the Wiegand format type; you can select between Weigand26 and Wiegand34 formats.

This dialog shows the configuration for 'Formato Wiegand' set to 'Wiegand 26'. It includes the following fields:

- Paridad par (EP)**: De (1), Longitud (1)
- Código del sitio**: De (0), Longitud (0), Valor (0)
- Número de serie**: De (2), Longitud (24)
- Paridad impar (OP)**: De (26), Longitud (1)

At the bottom, there is a 36-bit binary display showing 'EP' followed by 34 'X's and a 'P'. Below the display are 'Guardar' and 'Cancelar' buttons.

This dialog shows the configuration for 'Formato Wiegand' set to 'Wiegand 34'. It includes the following fields:

- Paridad par (EP)**: De (1), Longitud (1)
- Código del sitio**: De (0), Longitud (0), Valor (0)
- Número de serie**: De (2), Longitud (32)
- Paridad impar (OP)**: De (34), Longitud (1)

At the bottom, there is a 36-bit binary display showing 'EP' followed by 34 'X's and a 'P'. Below the display are 'Guardar' and 'Cancelar' buttons.

If you wish to work in "Site Code" mode, you must set the length and value of this code. Otherwise, leave these fields at "0."

# Add users

On the group screen assigned to the device, go to the "WIEGAND" tab. **Enroll code** to add fobs.

Groupe 1

FOBS

WIEGAND

USERS

INFORMATION

Available 4998 Not assigned 0 Used 2

| <input type="checkbox"/> | Code       | Type    | Name    | Surname | Identity card | Slot |  |
|--------------------------|------------|---------|---------|---------|---------------|------|--|
| <input type="checkbox"/> | 2394621064 | Wiegand | Mathieu | Clément | 123456789Z    | 15   |  |

1 - 1 of 1

Enroll code

+

Back

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

Facilities / Installation 123 / Groups / Groupe 1 / Wiegand / New

Manual

Sequential

Available 4998 Not assigned 0 Used 2

Device \*

Wiegand

Code \*

2394621065

Name

Lester

Surname

Burnham

Identity card

123

Slot

15

Save

Back

A WIEGAND code can numerically match a MOTION code.  
The device tells them apart based on the technology used, making them 2 totally different codes.

Detection of suspicious codes only works with MOTION fobs.



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

Facilities / Installation 123 / Groups / Groupe 1 / Wiegand

Groupe 1

FOBS WIEGAND USERS INFORMATION

Available 4997 Not assigned 0 Used 3

| <input type="checkbox"/> | Code       | Type    | Name    | Surname | Identity card | Slot |  |
|--------------------------|------------|---------|---------|---------|---------------|------|--|
| <input type="checkbox"/> | 239461065  | Wiegand | Lester  | Brumham | 123           | 15   |  |
| <input type="checkbox"/> | 2394621064 | Wiegand | Mathieu | Clément | 123456789Z    | 15   |  |

H < 1 > H

1 - 2 of 2 items



+

Back

Equipments -> Save configuration

Facilities / Facility 123 / Equipments

Facility 123 5th Avenue New York

INFORMATION EQUIPMENTS GROUPS EVENTS RECORD

HONOADOOR HONOADOOR





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

The device has capacity for 5,000 codes in total, whether MOTION or WIEGAND.

If there is a device in a user group with a lower MOTION code capacity, the maximum number of MOTION codes that can be added to the group will be limited by the device with the fewest number of codes.

WIEGAND codes can only work with HONOADOOR devices.

If there is a device in the user group that does not accept WIEGAND codes, the limit on codes accepted by the group will not use the WIEGAND codes but will allow them to be managed and registered in HONOADOOR devices from the user group.

Example: In a group that affects an HDOOR EWG (5,000-code capacity) and a BASE500-2 (500-code capacity), the maximum capacity for available codes for the group would be 500 codes. However, up to 4,500 MIFARE codes could be added, which would not work with the BASE500-2, without decreasing the group's free codes.

# Events

HDOOREVO is a device with an event record. To see them, in **cloudAssistant**, go to the device's **"Events"** screen. Events are stored locally on the device. When HDOOREVO does not have an internet connection, the device keeps working, but it cannot read the events. 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.

Facilities / Facility 123 / Equipments / HONOADOOR / Events

HONOADOOR

HONOADOOR

Information

Parameters

Relays

Codes

Groups

Events

| Date                        | Event | User | Code | Group | Additional info... |
|-----------------------------|-------|------|------|-------|--------------------|
|                             |       |      |      |       |                    |
| There is no data available. |       |      |      |       |                    |
|                             |       |      |      |       |                    |

Load events

Delete events

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

Facilities / Facility 123 / Equipments / HONOADOOR / Parameters

HONOADOOR

HONOADOOR

Information

Parameters

Relays

Codes

Groups

Events

|                                         |     |
|-----------------------------------------|-----|
| HONOA Allow remote opening              | Yes |
| HONOA Allow BlueTooth hands-free (BETA) | Yes |
| Wiegand configuration                   |     |
| Event settings                          |     |

List of available events:

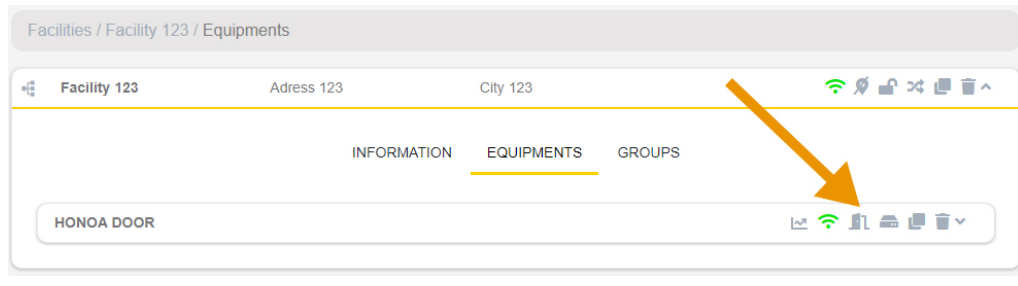
- Access denied / Fob not programmed or disabled
- Access denied/Tag/Wiegand not programmed or disabled
- Access denied / Suspicious transmitt
- Access denied / Out of calendar
- Access denied / Wrong channel
- Access denied / APB
- Access granted
- Door open/closed
- Access granted / Button
- Safety input activated
- Power on
- Eventlog reset
- FOTA

## Operational mode

### Remote control from cloudAssistant

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).



#### Remote state

##### Door status 1

Status Closed

##### Input status

|            |                                     |
|------------|-------------------------------------|
| Open door  | <input checked="" type="checkbox"/> |
| Close door | <input checked="" type="checkbox"/> |

##### Relays

OPEN activation time in sec 1

CLOSE activation time in sec 1

##### Device information

|                   |                       |
|-------------------|-----------------------|
| Device type       | HONOADOOR / EBASEDOOR |
| Connection type   | WiFi                  |
| Connection signal | Excellent             |
| RSSI Value        | -45 dBm               |
| Hardware version  | EBASEDOOR_02          |
| Software version  | 00.00.06.15           |

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.).

HDOOREVO can operate with Anti-Passback. **The Anti-Passback feature only works with MOTION tags and fobs (with compatible references), DCS y Wiegand.**

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).

The 'Occupied Space Control' feature allows devices (transmitters and tags) to be linked to a parking space (SLOT). Only one user is permitted per space.

Libros **4992** No asignado **0** Ocasionos **1**

|  | Alumnos | Código  | Tipo   | Nombre | Apellido | DNI    | Plaza  | De         | Hosta      | Estado |
|--|---------|---------|--------|--------|----------|--------|--------|------------|------------|--------|
|  | Bancos  | Bancos  | Bancos | Bancos | Bancos   | Bancos | Bancos | Bancos     | Bancos     | Bancos |
|  | 1       | MUSPRO4 |        |        |          |        | 1      | CDWRN/2020 | CDWRN/2020 |        |

10 Elementos por página

## MODE 0:

Mode 0 always returns OK permission to conduct the manoeuvre.

The timeback has no effect on this mode.

## MODE 1:

Mode 1 is designed for one single access that works as both entry and exit at once.

- Both loops are mandatory and indicate whether the code received is entering or exiting.
- The received channel does NOT define entry or exit.
- After the timeback as run out after a movement, the code goes into undefined status, allowing for all operations.
- Exit is always allowed, regardless of status, provided that the matching loop is active.
- Channel received does not matter.

## MODE 2:

Identical to Mode 1, but free exit is not allowed. Exit is only allowed if the spot is occupied. (status = INSIDE).

- Both loops are mandatory and indicate whether the code received is entering or exiting.
- The received channel does NOT define entry or exit.
- After the timeback as run out after a movement, the code goes into undefined status, allowing for all operations.
- Exit is only allowed when the status is INSIDE, provided that the matching loop is active.
- Channel received does not matter.

### MODE 3:

Mode 3 is designed for one single access that works as both entry and exit at once.

The entry may have proximity readers (in this case, the magnetic loops are not read), or operate with fobs and loops.

**Proximity entry:**

- The entry's proximity reader must be set as channel 1. It acts as a presence-detecting loop for the entry.

- The exit's proximity reader must be set as channel 2. It acts as a presence-detecting loop for the exit.

You must remember to properly set the channel-relay relationship in the central based on the installation; in other words, if using only one relay for channels 1 and 2, or the relay 1 and the 2 (multi-channel registrations) bypassed in parallel to activate the panel.

If the entry does NOT have proximity readers, it is mandatory to have magnetic presence-detection loops.

#### **Access with fob:**

For entry, channel 1 of the fob must be controlled. To exit, channel 2 of the fob must be controlled. Channels 3 and 4 are not controlled by the APB, because this card always returns the OK manoeuvre for channels 3 and 4. The status of the loops will be read to know the direction of the manoeuvre and to give permission or deny the manoeuvre.

- The entry loop is mandatory to enter with a fob.
- The exit loop is mandatory to exit with a fob.

There are three status for each memory position: INSIDE, OUTSIDE, UNDEFINED.

If timeback is greater than 0, after it has run out after a correct manoeuvre, it moves to UNDEFINED STATUS.

If timeback is 0, the APBK works absolutely, without time control.

The enter, it checks that the code is on OUTSIDE or UNDEFINED status.

The exit, it checks that the code is on INSIDE or UNDEFINED status.

#### **MODE 4:**

Mode 4 is designed for a situation with physically separated entrance and exit.

Access points may have proximity readers (in this case, the magnetic loops are not read).

- The entry's proximity reader must be set as channel 1 or 3.
- The exit's proximity reader must be set as channel 2 or 4.

Remember to correctly set the channel-relay relationship at central based on the installation.

If the access points do NOT have proximity readers, it is mandatory to have magnetic presence-detection loops.

As such, to enter, the channel received from the fob and the activated loop will be controlled. Channels 1 and 3 are associated with the entry. 2 and 4 with the exit.

The status of the loops will be read to grant or deny permission for the movement.

In both cases, there are three status for each memory position: INSIDE, OUTSIDE, UNDEFINED.

If timeback is greater than 0, after it has run out after a correct manoeuvre, it moves to UNDEFINED STATUS.

If timeback is 0, the APBK works absolutely, without time control.

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

**POWER INPUT:** Power supply at 230Vac.

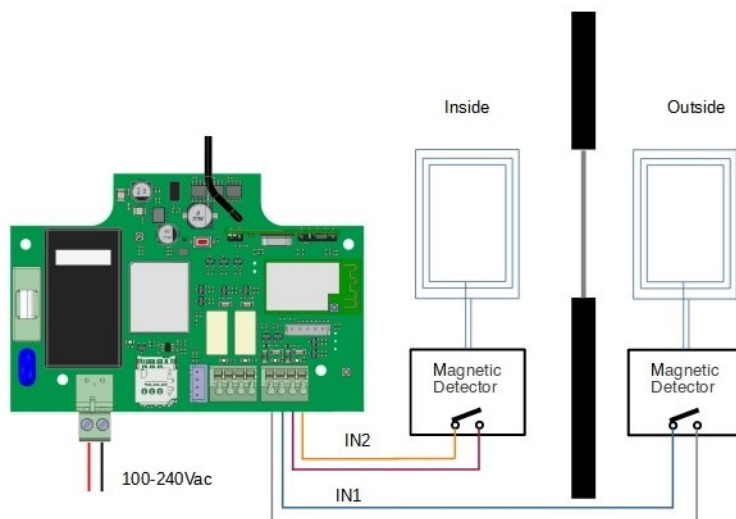
**R1:** RELAY Channel 1. Potential-free contact.

**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 cloudAssistant

Facilities / Facility 123 / Equipments / HONOA DOOR / Parameters

HONOA DOOR

Name \*  
HONOA DOOR

Device \*  
HONADOOR

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).

To activate the occupied seat control, access the 'Equipment / Parameters' tab.

Información **Parámetros** Tests Códigos Usuarios Grupos Eventos Servicios

| Nombre                                                   | Valores                                                      |
|----------------------------------------------------------|--------------------------------------------------------------|
| Clave de activación                                      | Anti-Passback/Time                                           |
| Identificador de zona horaria                            | Europe/Madrid                                                |
| Grupo del Sistema FREE activo                            | No                                                           |
| Nombre del grupo del Sistema FREE                        | 0                                                            |
| Grupo 0 del Sistema FREE bloqueado                       | No                                                           |
| Modo Anti-Passback (APB)                                 | No Usado                                                     |
| Tiempo de reset Anti-Passback en minutos (Anti-timeback) | 0                                                            |
| Control de plaza ocupada                                 | No                                                           |
| Configuración de eventos                                 | SI                                                           |
| Nombre entrada 1                                         | No                                                           |
| Modo entrada 1                                           | No                                                           |
| Nombre entrada 2                                         | No                                                           |
| Modo entrada 2                                           | Señal 15 Contraseña de puerta controlada manualmente abierta |
| Nombre sensor radio 3                                    | FCB                                                          |

Guardar

Atrás

Devices are assigned to slots from the 'Devices' tab within a group.

By default, the number of slots is '0', allowing for an unlimited number of devices.

If a slot number is assigned, only one device is allowed per slot.

## Verification

### LED behaviour



OFF



FIXED



BLINKING

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



This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.



## Technical data

| Parameter                              | Value                        |
|----------------------------------------|------------------------------|
| Power Supply                           | 100 - 230Vac                 |
| Operating consumption                  | 0,250A                       |
| Power in network standby mode          | 1,7W                         |
| Relay Contacts (R1 / R2)               | 2A Resistive load            |
| Operating temperature                  | -20°C / +55°C                |
| Size (L/W/H)                           | 140 x 220 x 55mm             |
| Watertightness                         | IP54 (with cable gland IP65) |
| Operating frequencies                  | 868MHz                       |
| Coding                                 | High security changing code  |
| Memory                                 | 5000 codes                   |
| Network type                           | GSM / Cat M1 / NB-IoT        |
| Network type                           | BLE                          |
| Access control output: WIEGAND + BUS-L | 12v (max 250 mA.)            |

### Requirements according to Ecodesign regulation

This equipment complies with the energy efficiency requirements established by the Ecodesign regulation.

The specific parameters are detailed below:

- **Network standby mode:** This device has a network standby mode that is automatically activated when the device is powered on or after receiving a signal.
- **Transition time to network standby mode:** 8 minutes.

## Regulatory Data

### UKCA Declaration of conformity

The manufacturer **JCM TECHNOLOGIES, SAU** declares that the product **HDOOREVO** complies with the relevant fundamental requirements of the Radio Equipment Regulations 2017, of the RoHS Regulations 2012, and of Ecodesign for Energy-related Products Regulations 2010, the insofar as the product is used correctly.

### EU Declaration of conformity

The manufacturer **JCM TECHNOLOGIES, SAU** declares that the product **HDOOREVO** complies with the relevant fundamental requirements of the RED Directive 2014/53/EU, the RoHS Directive 2011/65/EU, and of the Ecodesign Regulation 2023/826/EU, insofar as the product is used correctly.

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

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08500 VIC (BARCELONA)  
SPAIN

