BJC | nexus

User Guide

Index

BJC | nexus

System introduction
BJC Nexus

1. Introduction

The BJC Nexus system uses an 868.5MHz radio frequency network with its own protocol where we can find the following types of elements:

-Gateways: These elements allow the integration of the modules with the BJC Nexus Cloud and their control through the BJC Nexus App.

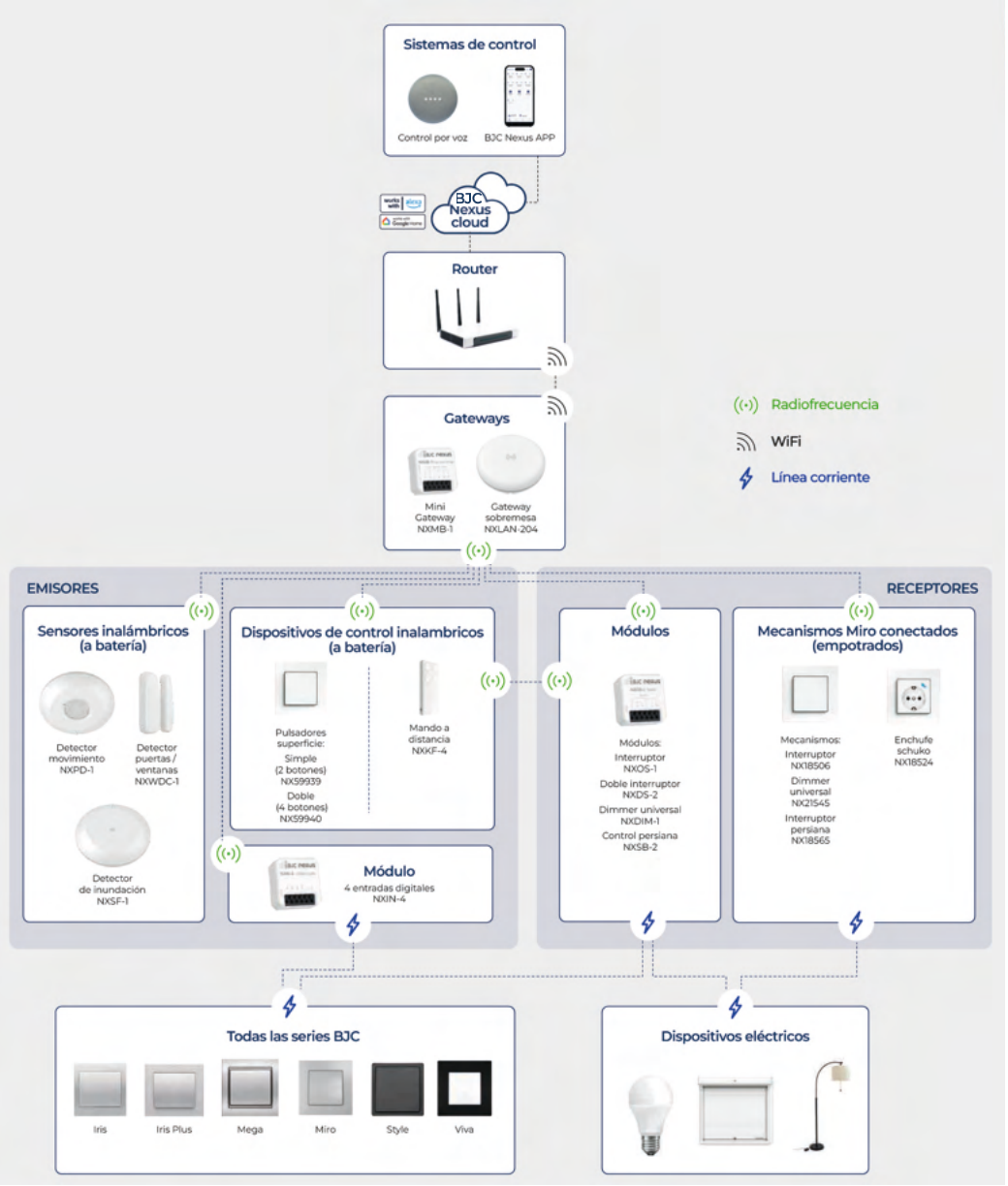
-RF Transmitters: These are devices that send a signal under certain conditions. They have no outputs. Within these devices we can find detectors, control remotes, input modules and wireless push buttons.

-Actuators or RF Receivers: These are elements that control devices connected to their outputs. Within these devices we can find switching modules, blind controller modules, light dimmer modules, DALI control modules, connected switches and connected power outlets

-BJC Nexus App: Tool designed to remotely control BJC Nexus environment devices from a smartphone or tablet.

-BJC Nexus Cloud: It is a cloud platform that allows storing account data and configurations, adding users, controlling or managing an installation remotely.

Within the BJC Nexus system, RF Transmitter devices can be linked directly with RF Actuators (see device manuals for this procedure) or the different devices can also be linked with a Gateway to be controlled through the BJC Nexus application.



1. 1. Gateway installation

The location of the ideal place to position the Gateway must take into account the location of the devices and the structure of the home, placing it as centrally as possible to allow the best operating range.

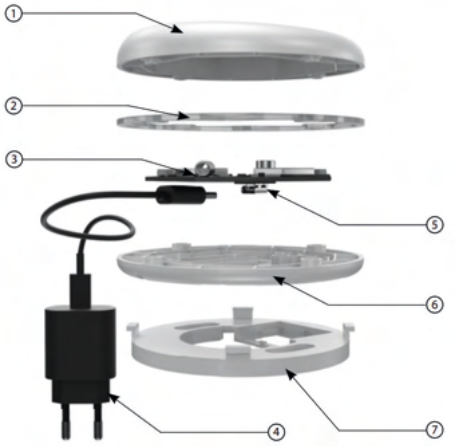
The gateway can connect to the router network via a Wi-Fi connection. The system needs 2.4 GHz Wi-Fi networks to function.

The BJC Nexus system has two types of Gateway:

Gateway NXLAN-204: A desktop Gateway that connects to power via an adapter.

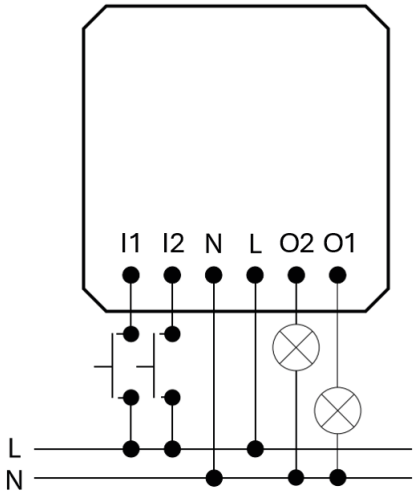
Gateway NXMB-1: A gateway module to be placed in junction boxes that incorporates the possibility of including two external push buttons to control two external loads.

NXLAN-204



1. Top cover
2. LED communication and status indication
3. Electronics
4. 230 VAC/5 VCC power adapter
5. USB-C connector for external power
6. Bottom cover
7. Wall mounting base

NXMB-1



1. 2. NXLAN-204 gateway signalling

The NXLAN-204 gateway has indicator lights to show its status:

WHITE: Directly connected in local mode (without cloud access)

RED: Error status / Restart

GREEN: Connected to BJC Nexus Cloud

TURQUOISE: Connected to BJC Nexus Cloud and MQTT connection

YELLOW: MQTT Connection

BLUE: Connected to a local Wi-Fi network

1. 3. NXLAN-204 assembly

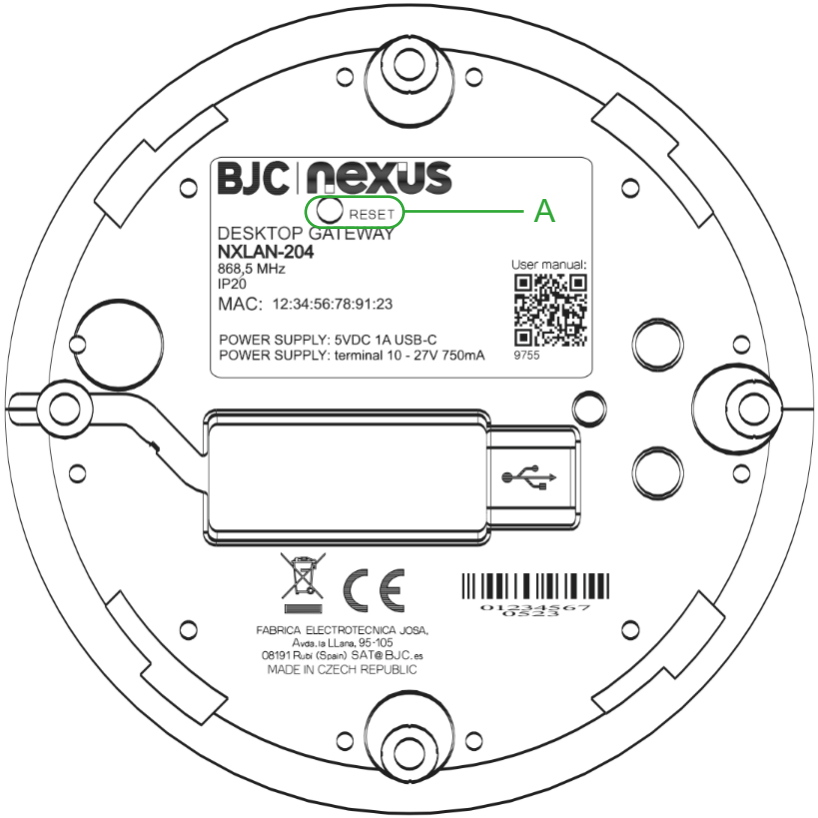
The NXLAN-204 gateway, in addition to being used as a desktop device, has a fixing element to place it on the wall.

The bracket is fixed using two wall plugs and screws, and the gateway is fixed by turning it clockwise once it is fitted.

1. 4. NXLAN-204 RESET button behaviour

Depending on the seconds we hold the RESET button **(A)** , the NXLAN-204 Gateway will act as follows:

- **3 to 7s:** The gateway lights up green. Activates/Deactivates Wi-Fi
- **7 to 11s:** The gateway lights up blue. Its credentials are reset
- **12 to 20s:** The gateway lights up red. A factory reset is performed



1.5. Introduction to the BJC Nexus application

The BJC Nexus application (for mobile phones with Android or iOS OS) is designed for comfortable control of an electrical installation via your mobile phone. It is a complement to the BJC Nexus system that, thanks to its elegant design, fits into all modern homes. The menu is divided into easy-to-navigate sections in which each function is displayed as an icon. Here you will also find quick access to your favourite functions and will have permanent control of your home.

Thanks to the BJC Nexus application you will perfectly control your electrical installation wirelessly. This way you will have control of the home lighting, switching on appliances, etc.

The application functionality is possible with the NXLAN-204 and NXMB-1 gateways. One of these elements must be used in your wireless installation.

The BJC Nexus application:
- Designed for devices with Android 6.0 OS, iOS 11 and higher.
- The application language changes automatically according to the language configured in Android and iOS OS.

The Cloud account will be created upon registering in the application.
Allows control of multiple Gateways simultaneously.

Configuration options for an NXLAN-204 gateway
- max. number of memory positions for devices: 70 (30 inputs and 40 outputs)
- maximum number of scenes: 30
- maximum number of schedules: 20
- maximum number of automations: 30

Configuration options for an NXMB-1 gateway
- max. number of memory positions for devices: 70 (30 inputs and 40 outputs)
- maximum number of scenes: 20
- maximum number of schedules: 20
- maximum number of automations: 30

Download:
You can download the current version under the name BJC Nexus

Google Play
https://play.google.com/store/apps/details?id=com.bjc.nexus

App Store
https://apps.apple.com/us/app/bjc-nexus/id6769331894

GET IT ON Google Play

Download on App Store

BJC | nexus

Installation manual
BJC Nexus application

2. Installing the application on the mobile phone through the Google Play or App Store service

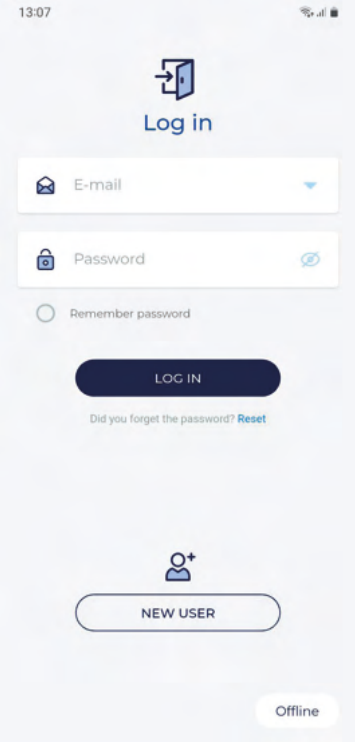
- Connect to the Internet via the mobile phone.
- Activate the Google Play / APP Store service
- In the search field enter BJC Nexus and tap search.
- Select from the list the application named BJC Nexus and tap it to access the application details.
- Click the Install/Get button. A notification about the application's permission to access phone services will appear. These are the condition for the application installation; click Accept.
- The download progress bar of the application to the phone will appear on screen and then the notification about the installation of the application on the phone.
- Once the application installation on the phone is complete, the Open option will appear.
- After installation the icon will appear on the mobile device:

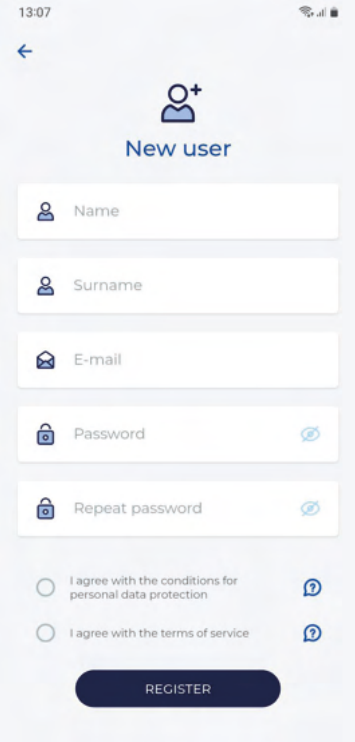
3. Registration

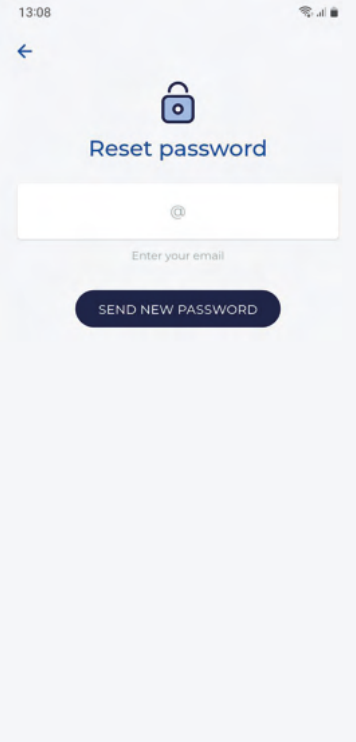
When activating the application for the first time the registration screen will appear. From here you can Log In, or create a new registration in BJC Nexus Cloud for a new user.
After filling in the new account user details, a password must be included that contains at least one uppercase letter, one lowercase letter, one number and one special character (#?!@\$%^&*-,). The contractual terms and conditions must also be confirmed, included in the following links:

1) Privacy policy https://bjc.es/politica-privacidad/
2) Terms of service https://bjc.es/condiciones-de-uso-del-sitio-web/

After completing the form, a confirmation message will be sent to the email address provided. After clicking the confirmation it is possible to log in to the application.
The "offline" mode is used to access device control without needing an internet connection, using only the gateway's local network. The Gateway must have previously been installed in local mode.
If you have forgotten your password you can reset it. If you tap "Reset" the account email will be requested and a message with the procedure to reset the account will be sent to that email.







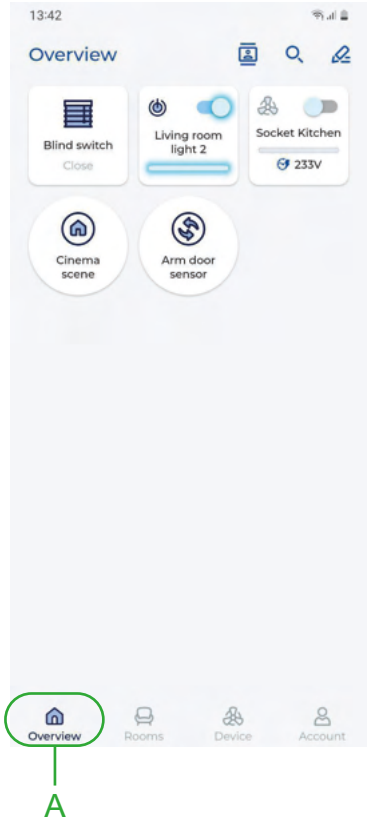
4. Main menu - application configuration

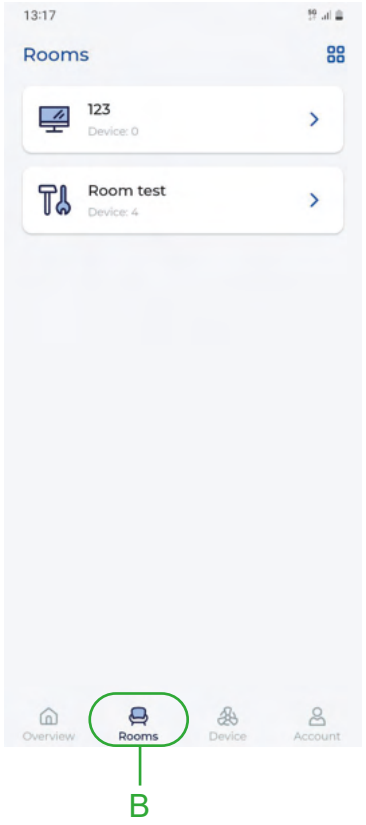
The main application menu appears at the bottom of the application and is divided into 4 tabs: Summary, Rooms, Devices and Account.

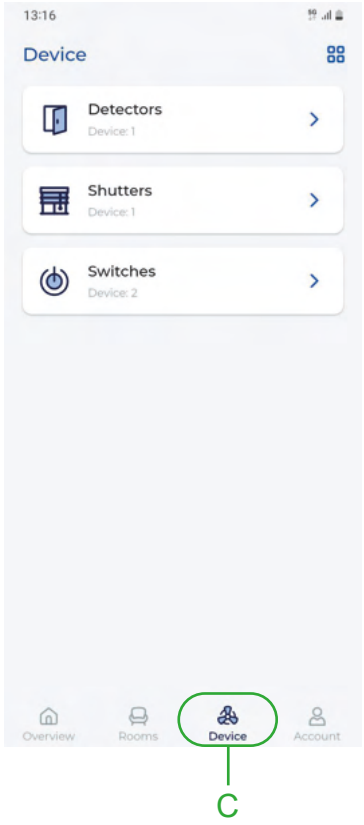
(A) After logging in the "Summary" screen appears where the devices added as favourites are displayed. This screen is mainly used for controlling the most frequently used elements. At the top you can add or remove these devices. Here you can also move and sort the elements according to your preference.

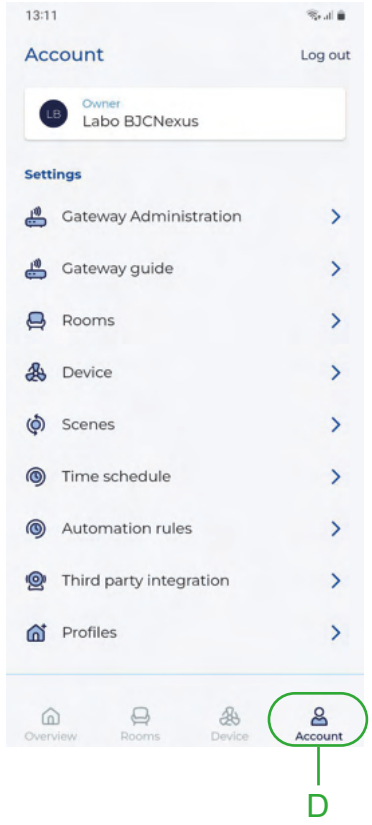
Other control options are accessible from the Rooms or Devices tabs.
(B) In the "Rooms" tab the elements are organised according to the room where they are assigned.
(C) The "Devices" tab shows elements grouped by type. For example, lights, switches or detectors.

(D) The last tab is the "Account" tab, where the gateway, rooms and devices can be configured, scenes, automations and time schedules created, profile data modified and the account configured.







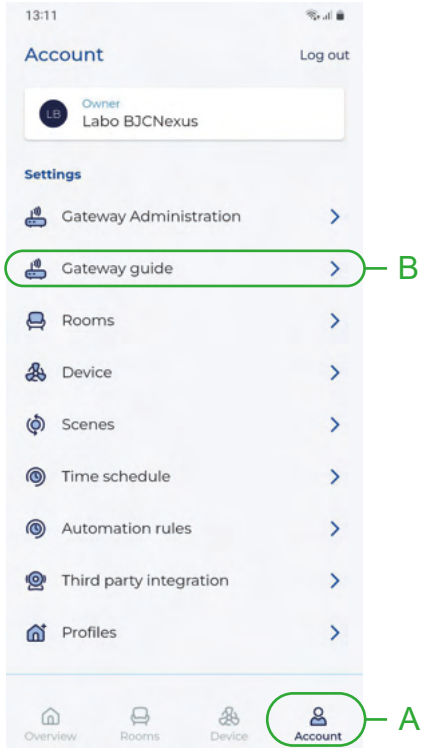


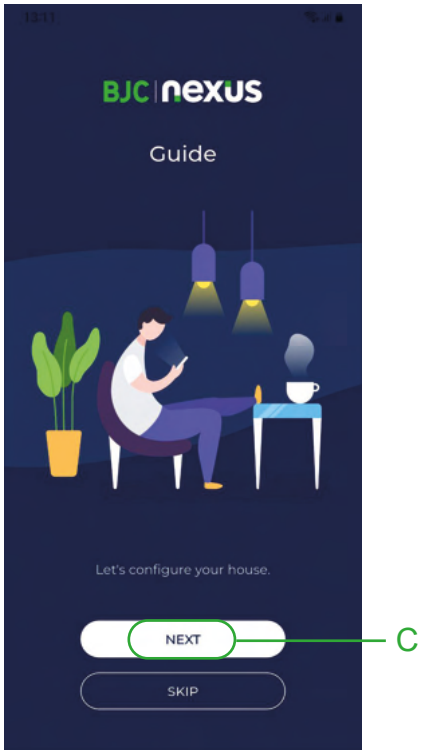
5. Account management

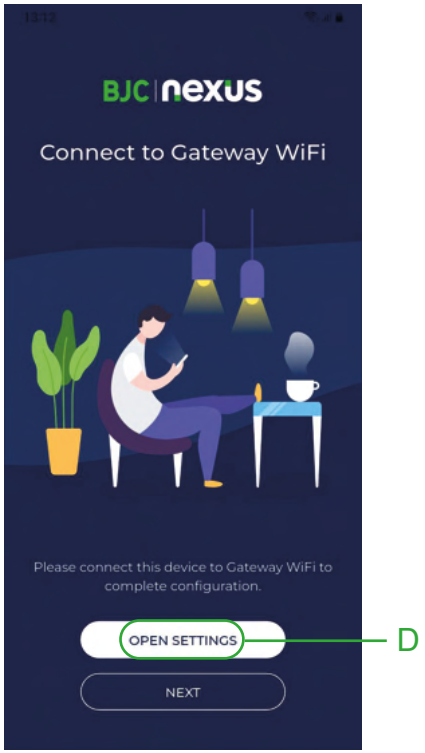
The first action that will be requested in your account is to add a gateway. This can be added locally (connecting directly through the gateway's wifi, allowing control from inside the home) or through online mode (accessing the gateway through a router, allowing control from inside and outside the home).

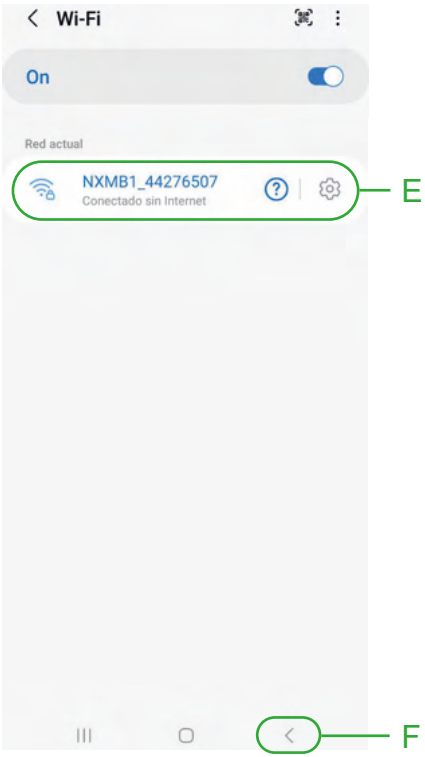
5.1. Add a gateway in local mode without router

(A) We go to the "Account" tab
(B) We select the "Gateway guide" option to enter the guide where the home is configured.
(C) To enter the step-by-step guide we select "Next"
(D) A new screen will ask us to connect our mobile or tablet to the Wi-Fi generated by the Gateway. We select "Open settings"
(E) From the list of available networks we select NXMB-1_xxxx (if the gateway is the NXMB1) or NXLAN-204_xxxx (if the gateway is the NXLAN-204). The default password is BJC12345 in both cases.
NOTE: If the phone sends us a warning message that we are going to connect to a network without internet access, we must tap "Accept"
(F) We tap Back to exit Settings and return to the BJC Nexus application.









Add a gateway in local mode without router (continued)

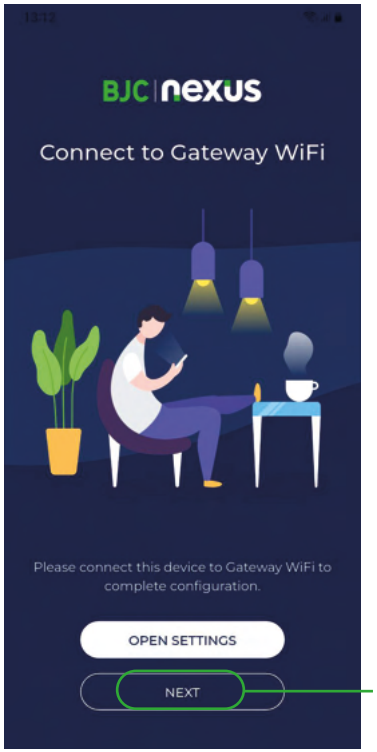
(F) Once the gateway Wi-Fi has been selected, we return to the BJC Nexus application and tap "Next".

(G) The application will ask if we want to connect to the BJC Nexus cloud. To add the gateway in local mode we indicate "No"

(H) Next it will ask us to connect to the Gateway by accessing its IP address 192.168.1.1. We tap "Continue"

(I) The Gateway will ask for its password. The default is **bjc**
We tap "Ok".

(J) The App will proceed to add the Gateway. Once it has finished it will notify us with a message. We tap "Ok"



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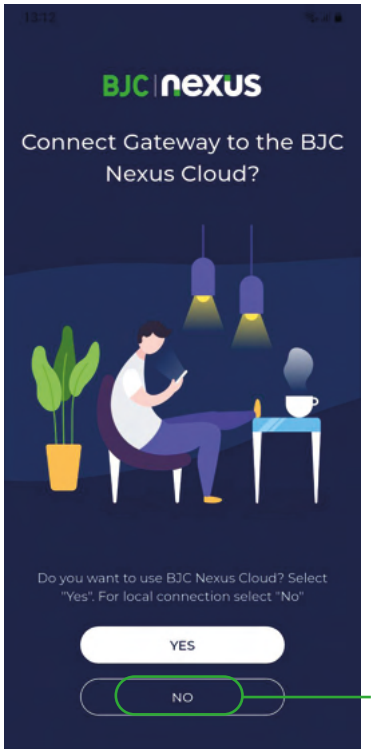

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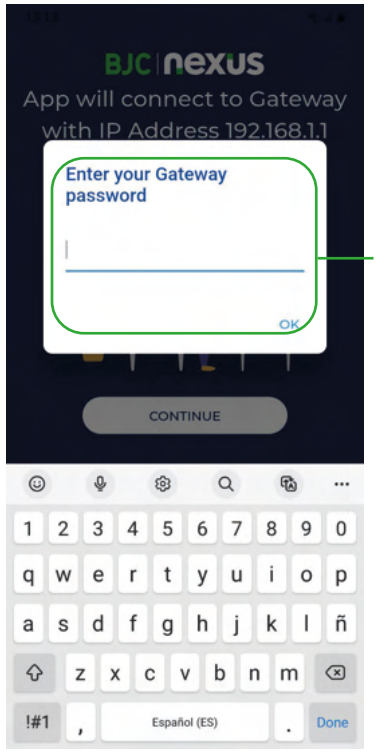

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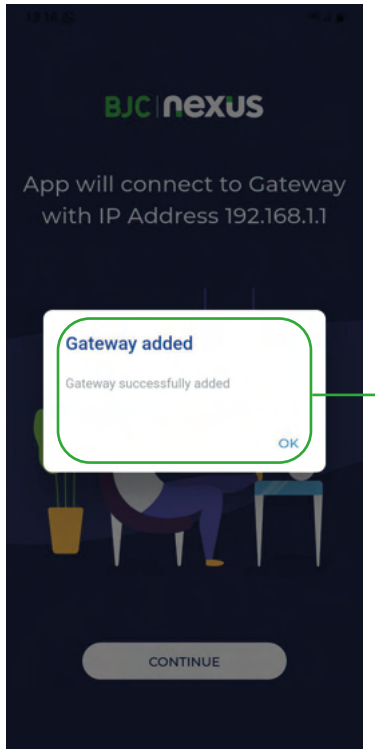


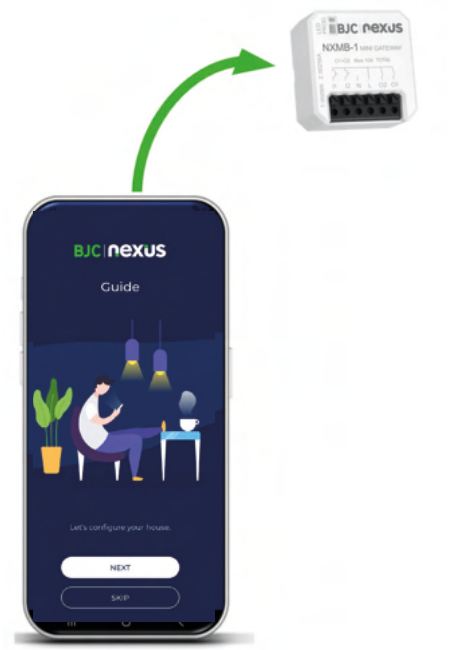
J

5.2. Add a gateway in online mode

The process of linking the Gateway to the router consists of two parts:

Part 1.
From the application we connect to the Gateway through its Wi-Fi.

Once connected we provide the Wi-Fi network information from the router so the gateway is able to connect



Part 2.
We then connect to the router's Wi-Fi, previously saved in the Gateway

Once connected we search for the Gateway within its network to complete the linking process

5.2. Add a gateway in online mode

(A) We go to the "Account" tab

(B) We select the "Gateway guide" option to enter the guide where the home is configured.

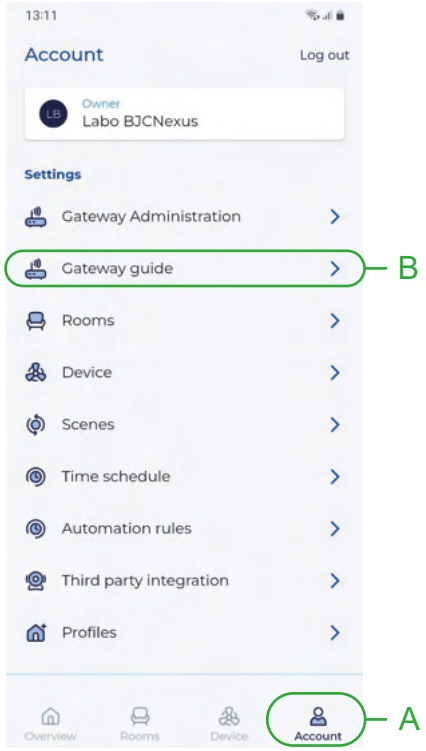
(C) To enter the step-by-step guide we select "Next"

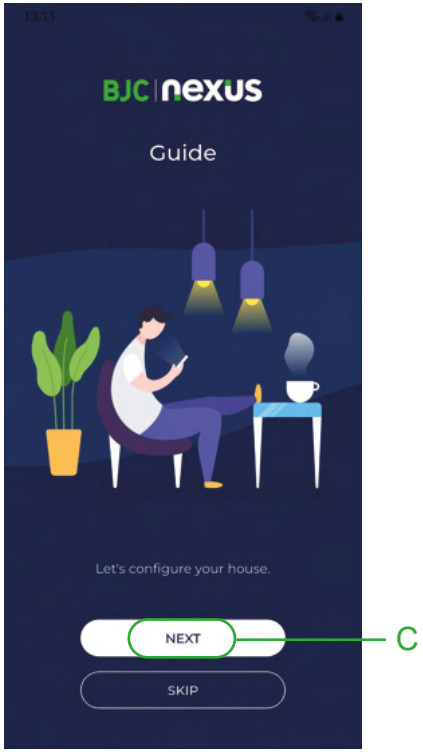
(D) A new screen will ask us to connect our mobile or tablet to the Wi-Fi generated by the Gateway. We select "Open settings"

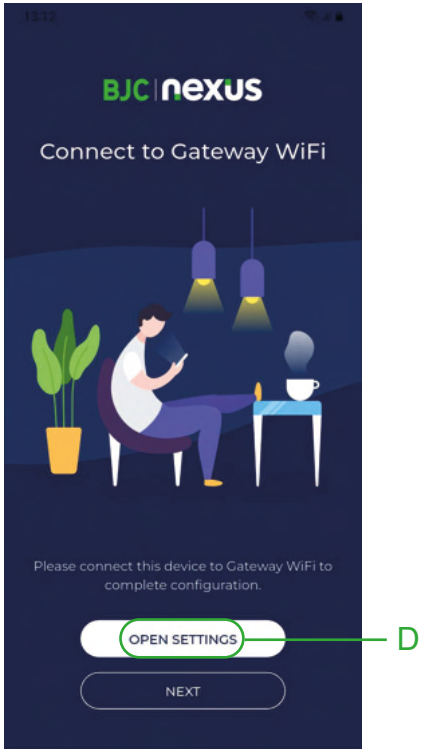
(E) From the list of available networks we select NXMB-1_xxxx (if the gateway is the NXMB1) or NXLAN-204_xxxx (if the gateway is the NXLAN-204). The default password is BJC12345 in both cases.

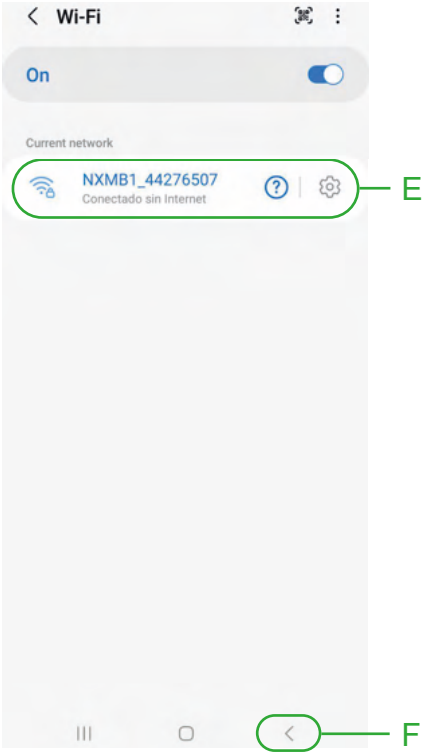
NOTE: If the phone sends us a warning message that we are going to connect to a network without internet access, we must tap "Accept"

(F) We tap Back to exit Settings and return to the BJC Nexus application.









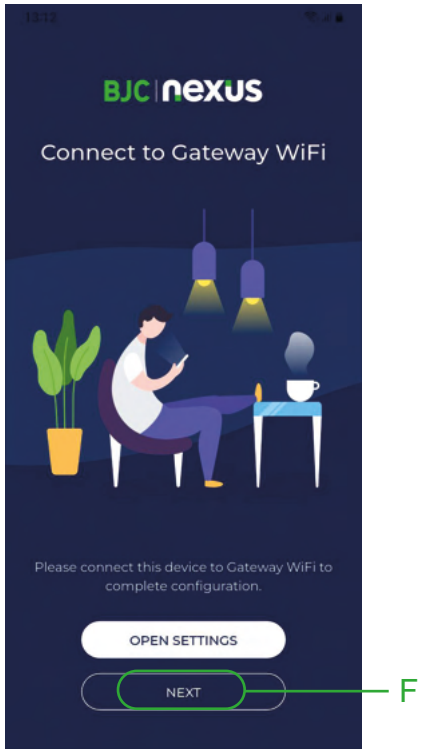
Add a gateway in online mode (continued)

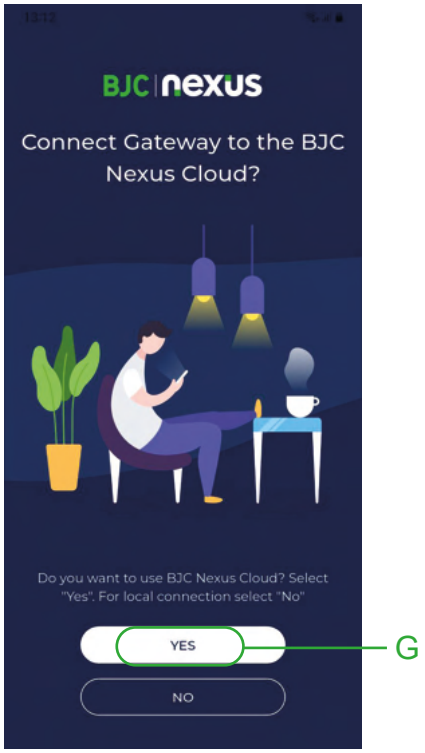
(F) Once the gateway Wi-Fi has been selected, we return to the BJC Nexus application and tap "Next".

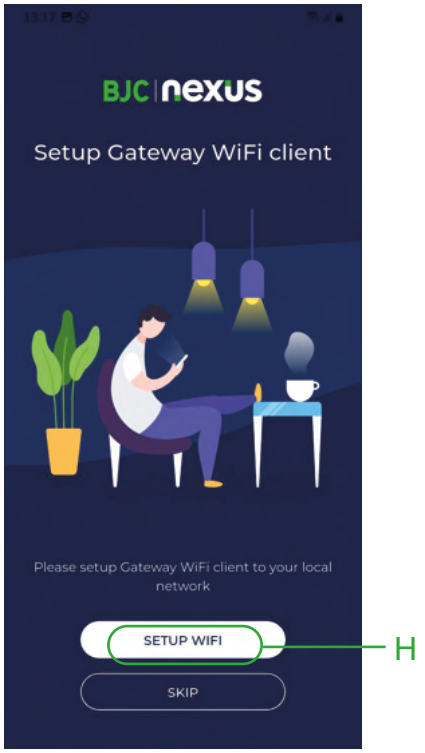
(G) The application will ask if we want to connect to the BJC Nexus cloud. To add the gateway in local mode we indicate "Yes"

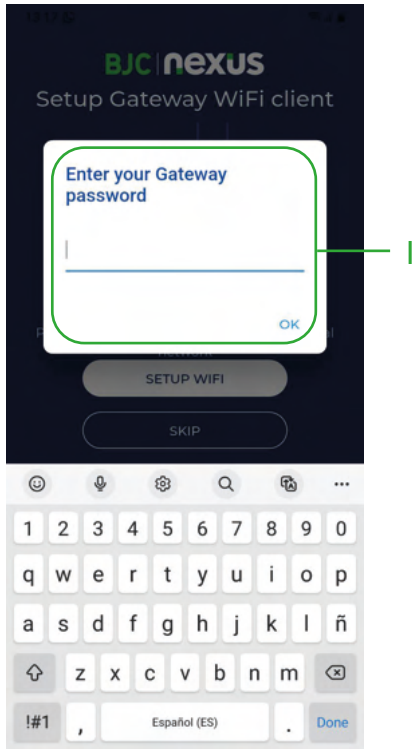
(H) Next it will ask for the Wi-Fi where the gateway will connect. If we tap "Configure Wi-Fi" a list of Wi-Fi networks the gateway can connect to will appear.

(I) Before the list appears we will be asked for the Gateway credentials password. The default is **bjc**









Add a gateway in online mode (continued)

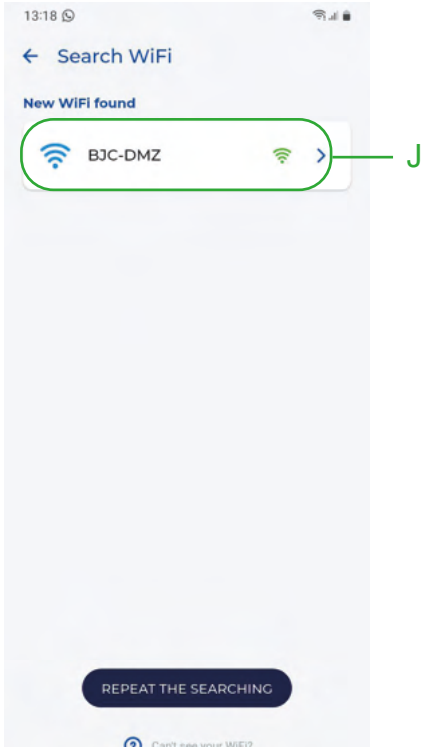
(J) We select the desired network from the list. IMPORTANT NOTE: Remember that the network must work at 2.4GHz

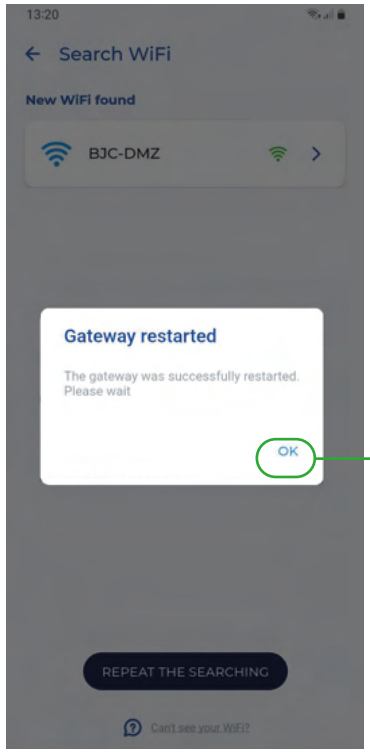
(K) Next it will ask us if we want to create a static IP. Unless we want to include a public IP, we indicate "No"

(L) The Gateway will then perform a restart to adjust to the indicated network parameters, finishing with a success message when it has restarted.
Tap "Ok"

After this process the Gateway will have the router Wi-Fi access data in its memory

We will now proceed to link the Gateway to our application





Add a gateway in online mode (continued)

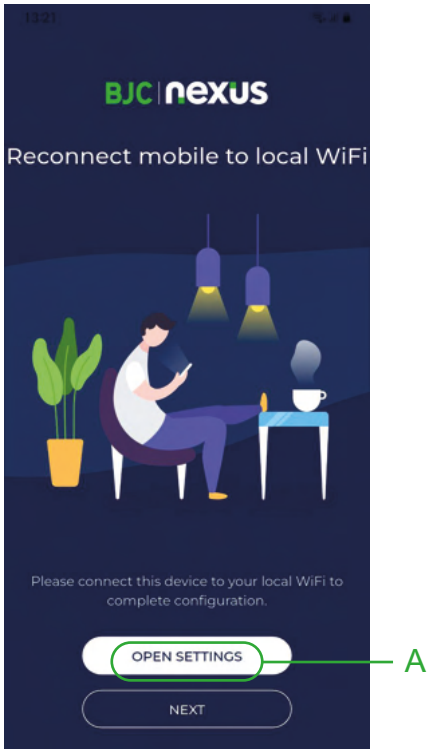
(A) First of all the application will ask us to connect to the Wi-Fi network we have assigned to our Gateway. We will tap the "Open settings" option

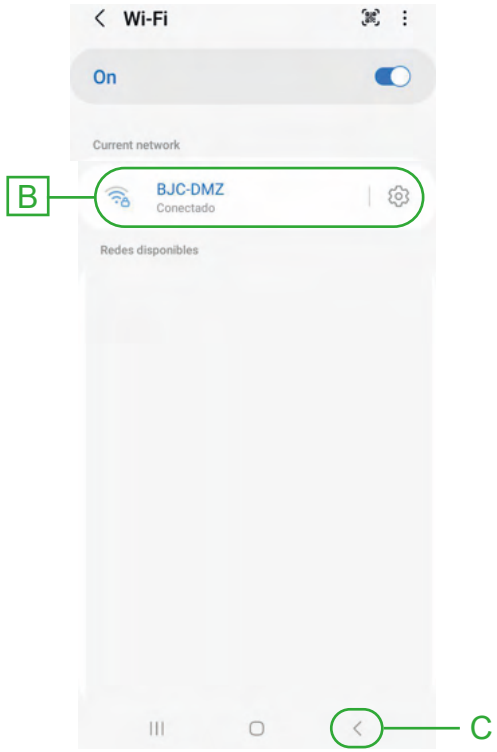
(B) Our mobile connection settings will appear. We select the network we previously linked to the Gateway

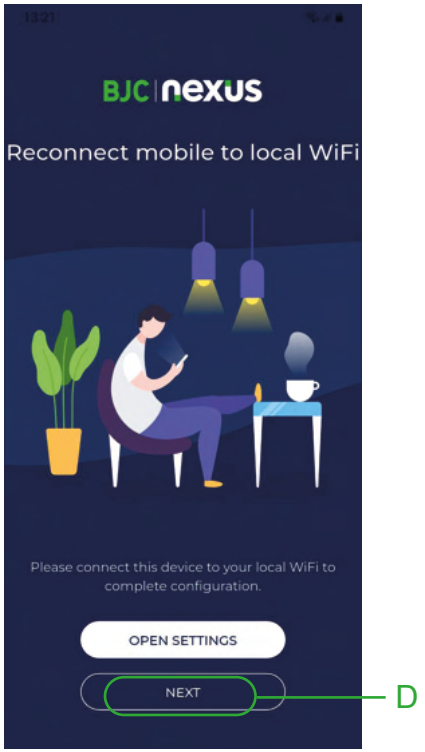
(C) We tap "Back" to return to the previous window of the BJC Nexus application.

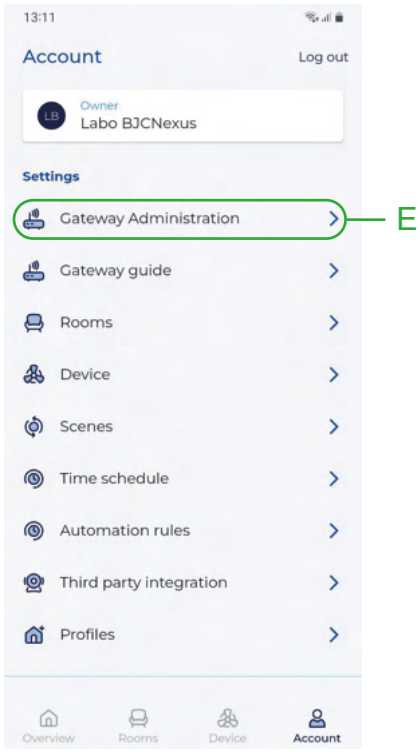
(D) Once back on the screen we tap the "Next" button

(E) The application will take us to the "Account" menu. From there we select the "Gateway Management" section









Add a gateway in online mode (continued)

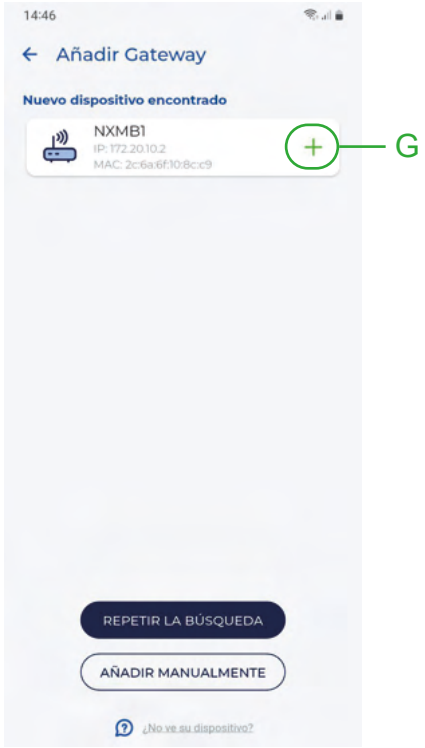
(F) Now that we are connected to the Wi-Fi assigned to the gateway, we will scan for the gateway within that network. To do this, select the "Add Gateway" button

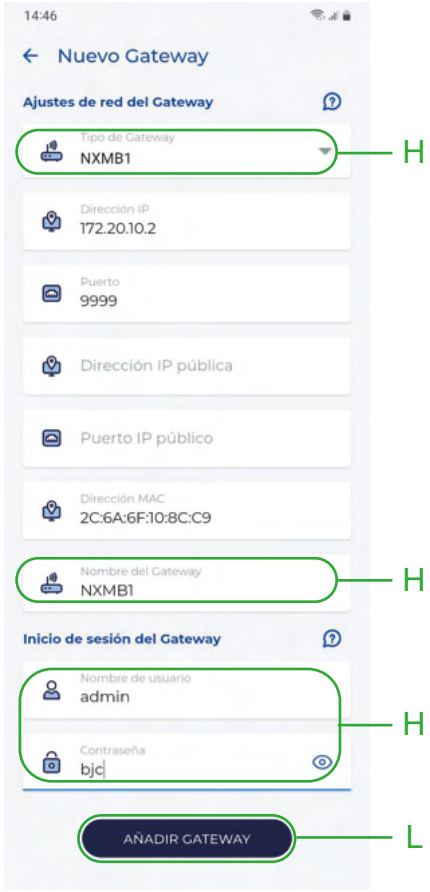
(G) The search for all Gateways assigned to that Wi-Fi network will begin. When it finishes, the Gateway will appear with a symbol. Tapping on it begins its configuration.

(H) In this menu we can enter the type of Gateway, its name, and at the end its credentials. The defaults are as follows:

User: **admin**
Password: **bjc**

(L) Once we have this information completed we tap "Add Gateway"





Add a gateway in online mode (continued)

(M) The Gateway will proceed to be Added. Finishing with a success message when the operation has been completed. Tap "Ok"

We will now be able to see the gateway properly linked to our account, showing its connection status.

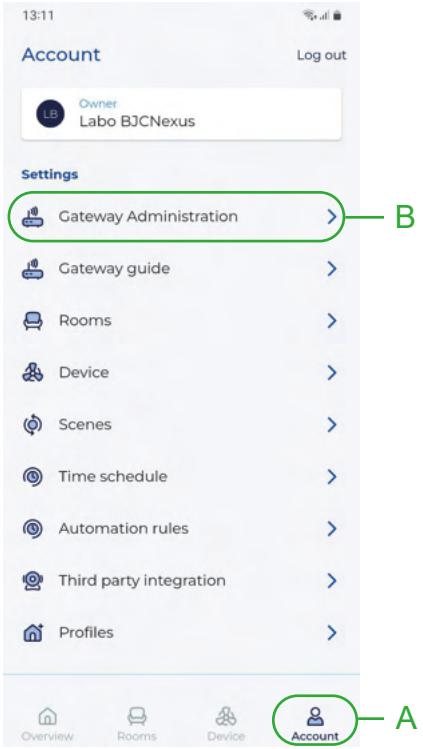
(N) Tapping on it we can return to the configuration menu and change the data we need, such as its name or the possibility of entering new credentials.

5.3. Gateway connection status

(A) Go to the "Account" menu
(B) Once a gateway has been added from the "Gateway Management" section
(C) The icon next to the Gateway lights up indicating its status.
From the "Cloud connection" section we can indicate how we want to make the connection:

- If it is on, the application will control the elements through the cloud
- If it is not on, control will be done in local mode

Enabling "Check connection on startup" will perform a connection check after starting the application.



The Gateway is not connected
The gateway cannot be accessed either locally or through the cloud

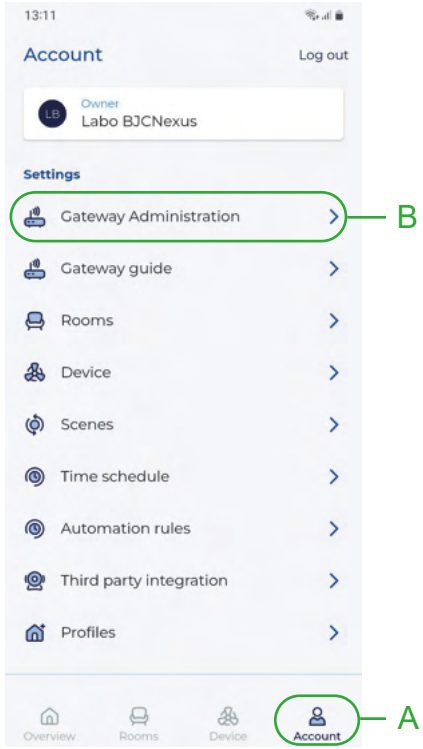
The Gateway is connected locally,
the connection is made through the local network Wi-Fi

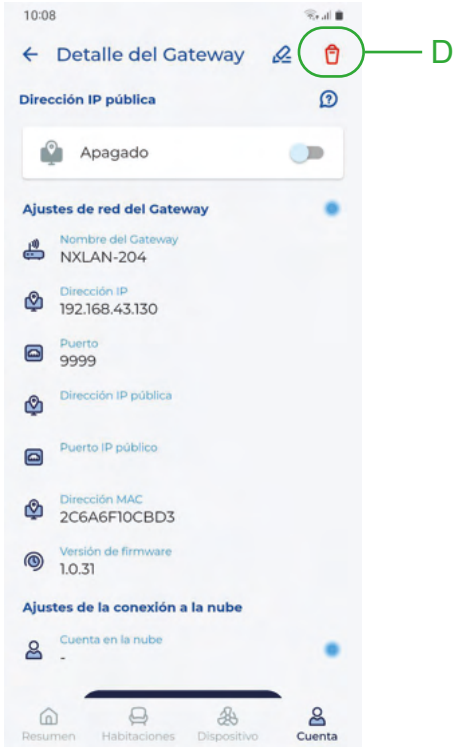
The Gateway is connected to the cloud
The Gateway can be accessed remotely through the cloud

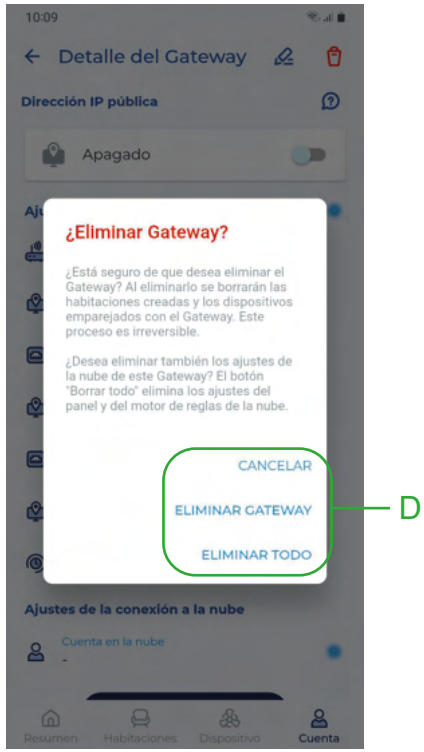
The Gateway is fully connected
The gateway can be accessed locally or through the cloud

5.4. Removing a Gateway from an account

(A) Go to the "Account" menu
(B) Go to the "Gateway Management" section .
(C) Tap the Gateway you want to remove.
(D) Tap the trash icon.
(E) A pop-up window will appear with the following options:
\tCancel: Returns to the previous menu and does not delete the Gateway.
\tDelete Gateway: Unlinks the gateway from the account, but the Gateway retains all parameters, devices, scenes, schedules and automations in its memory.
\tDelete all: Deletes the Gateway and all linked devices, scenes, schedules and automations. Also deletes the rules and settings from your account in BJC Nexus Cloud.







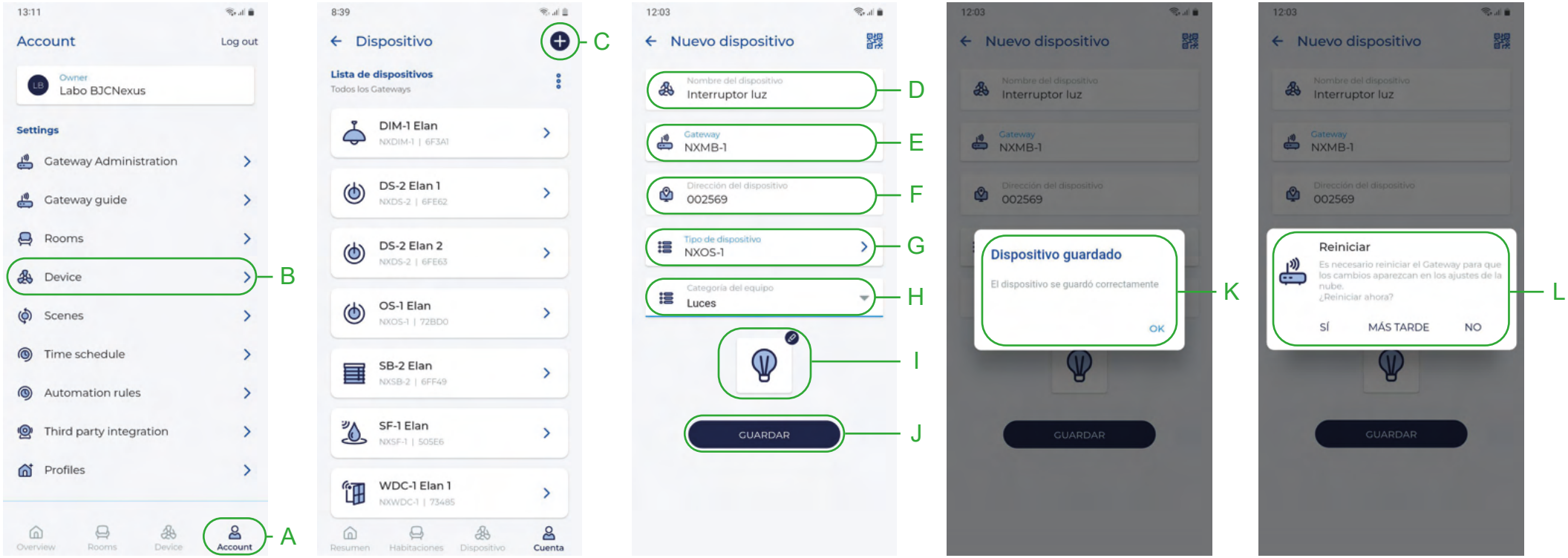
5.5. Device

(A) Go to the "Account" section.
(B) To add, edit or delete devices, go to the "Device" submenu. Once inside, a list of the added devices is shown. From this list you can edit and delete devices but not control them. Control is done through the "Summary", "Rooms" and "Devices" tabs of the main menu.

(C) To add a device tap the icon . A form will open enter the following data

- **(D)** Name - used to identify the device
- **(E)** Gateway - each device must be linked to a Gateway. From here you can expand a list with the active gateways
- **(F)** Device address - enter the RF code marked on the device. The device instruction manual indicates where to find it
- **(G)** Device type - in this dropdown menu you can select the type of device you want to add (corresponds to the product reference)
- **(H)** Equipment category - we classify the product according to its function
- **(I)** Icon - a menu with different types of icons appears. Choose the required icon by tapping on it

(J) Once completed, tap "Save".
(K) Once saved successfully, we tap "Ok".
(L) To apply the changes you will be asked to restart the gateway. Indicate "Yes" to save the data to the gateway immediately, or "Later" if you want to add more devices first.
NOTE: The NXMB-1 Mini Gateway outputs must be added to the "Devices" section to be used.



5.6. Rooms

(A) Go to the "Account" section.
(B) To add, edit or delete rooms go to the "Rooms" submenu. Once inside, a list of the added devices is shown.

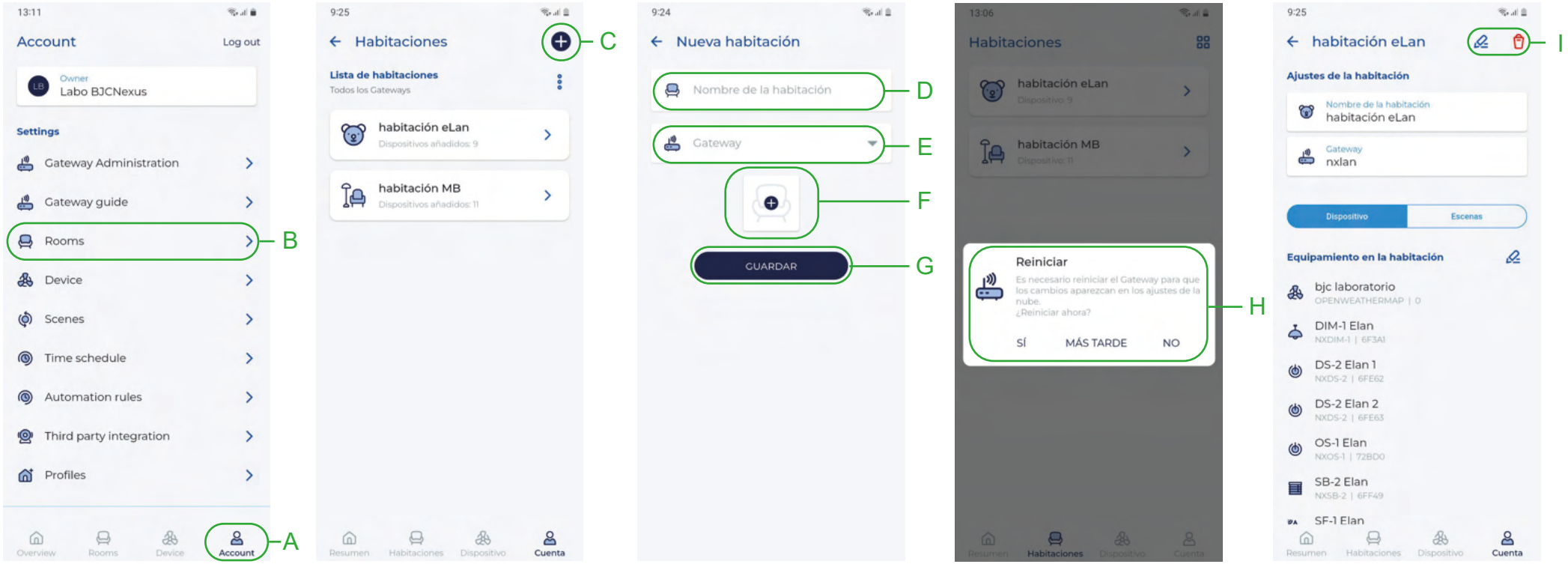
(C) Once inside, a list of the added rooms is shown. To create a new room tap the icon . A form will open to enter the following data

- **(D)** Room name - used to identify the room
- **(E)** Gateway - each room must be linked to a Gateway. From here you can expand a list with the active gateways
- **(F)** Icon - a menu with different types of icons appears. Choose the required icon by tapping on it

(G) Once completed, tap "Save". To apply the changes you will be asked to restart the gateway.
(H) Indicate "Yes" to save the data to the gateway immediately or "Later" if you want to add more rooms first.

(I) To modify or delete a room tap the icons that appear in the top right corner. From this submenu you can also assign the devices and scenes you want to include in the room

IMPORTANT NOTE: Devices must be assigned to a room to be visible from BJC Nexus Cloud or controlled by voice.



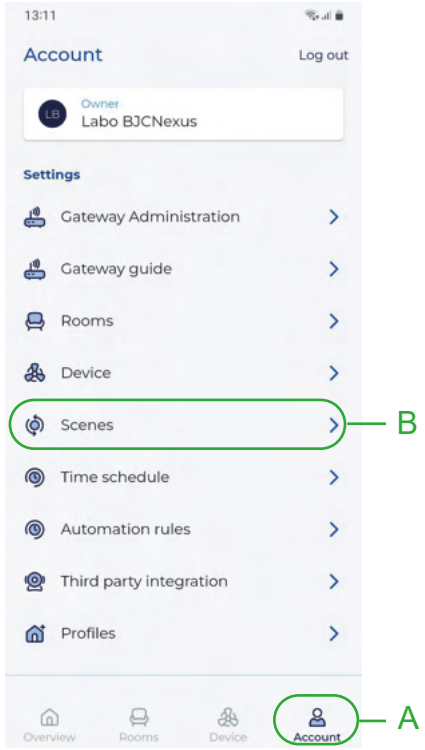
5.7. Scenes

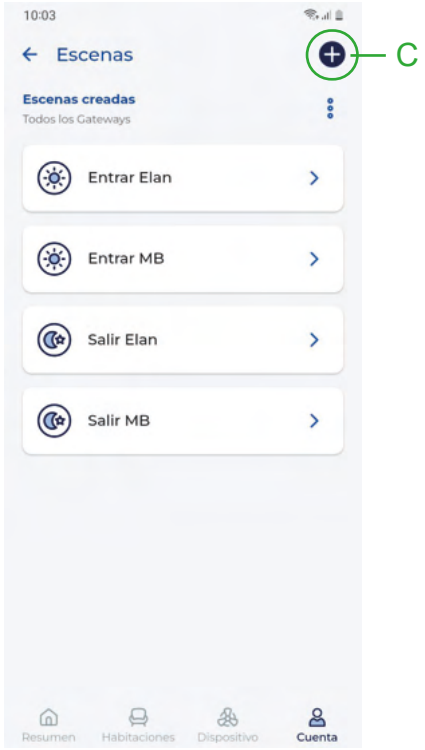
Scenes are used to create predefined configurations for controlling multiple devices.

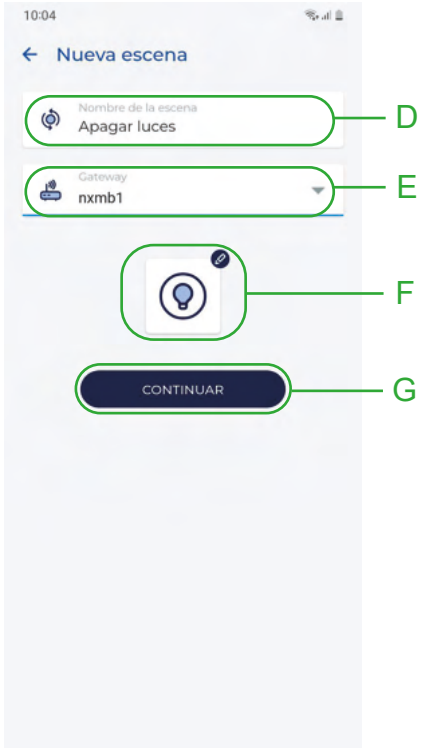
(A) Go to the "Account" section.
(B) Go to the "Scenes" submenu. From here you can add, edit or delete scenes and see a list of existing ones.
(C) To add a new scene tap the icon . A form will open to enter the following data

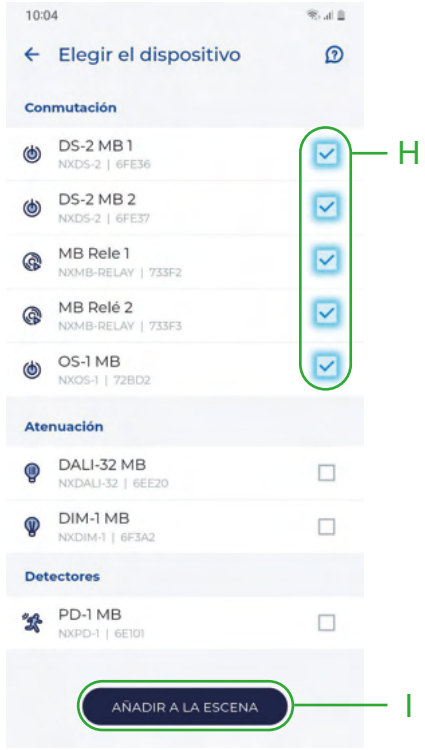
- **(D)** Scene name - used to identify the scene
- **(E)** Gateway - each scene must be linked to a Gateway. From here you can expand a list with the active gateways
- **(F)** Icons - a menu with different types of icons appears. Choose the required icon by tapping on it

(G) Once completed, tap "Continue".
(H) In the next menu we will select the devices we want to activate when executing the scene. A list of the devices assigned to the scene's Gateway appears. Clicking on the box on the right selects them.
(I) Then we tap the "Add to scene" button









Scenes (continued)

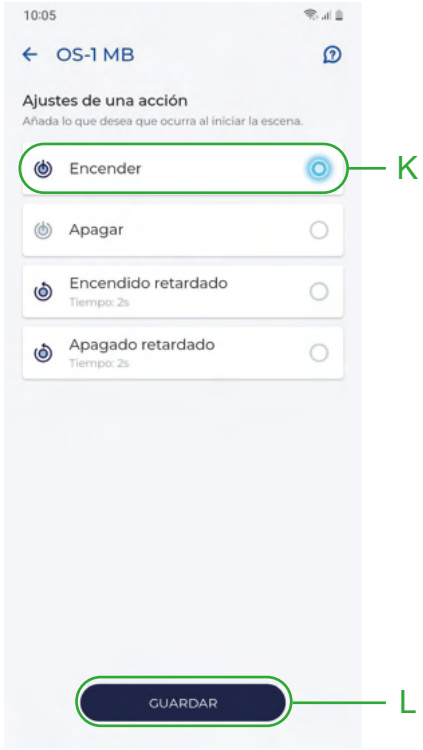
(J) We then have the devices participating in the scene. Tapping on each one of them we can define how they behave when the scene is executed.

(K) The settings menu for each device's action changes depending on the type of device selected. We select the action we want it to perform from the available list.

(L) We tap the "Save" button.

(M) The action it will perform when the scene is executed will appear in the scene participants list, below the device. When all participants have the action assigned, we can tap the "Save scene" button.

(N) once saved successfully we tap "Ok"



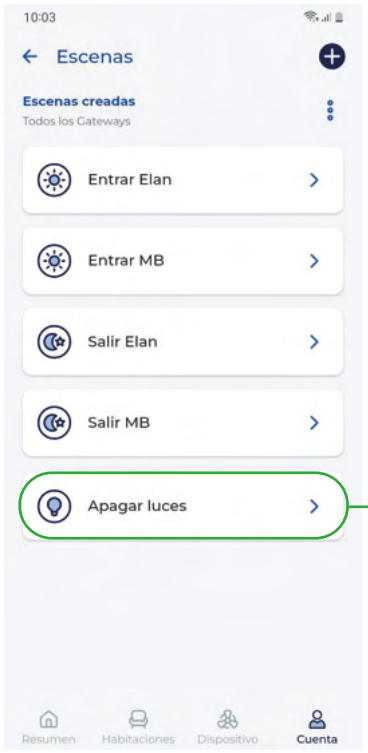
Scenes (continued)

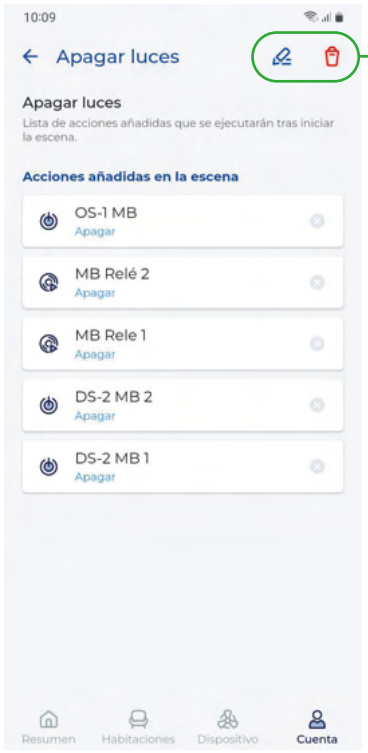
(O) Once saved, to apply the changes you will be asked to restart the gateway. Indicate "Yes" to save the data to the gateway immediately or "Later" if you want to add more scenes first.

(P) The new scene will be added to the list of existing scenes. Tap on it to see its details.

(Q) Once inside the scene you can modify or delete it by tapping the corresponding icons.

NOTE: To be able to control scenes they must be added to the "Summary" menu or the "Rooms" menu. From the "Account" menu they can only be organised.



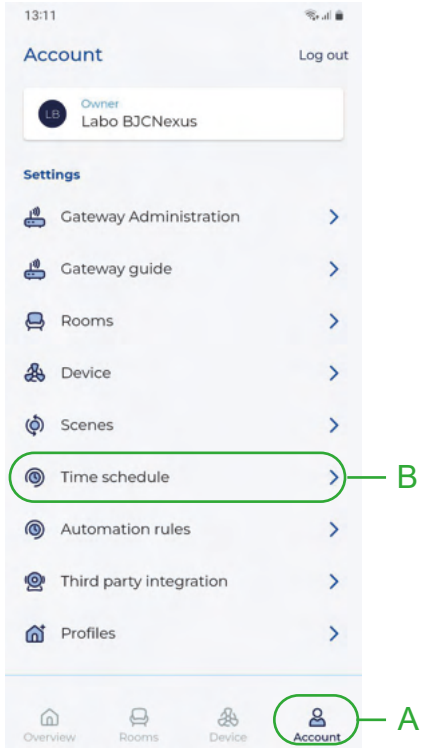


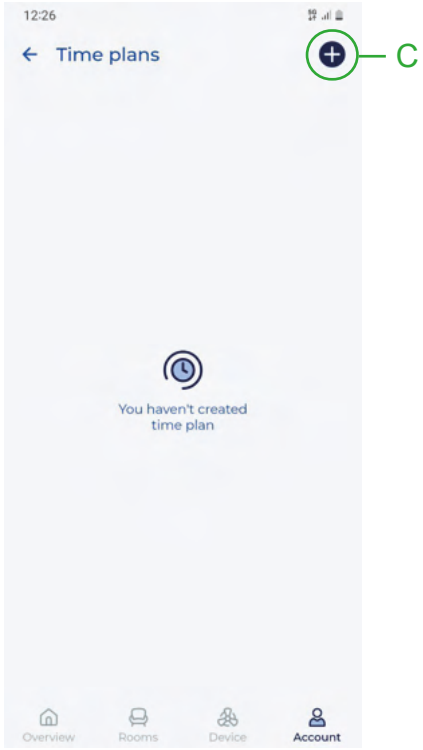
5.8. Time schedule

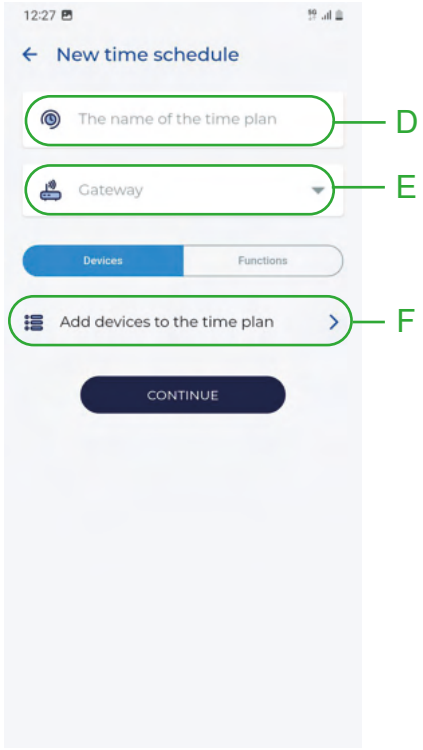
The time schedule is used to configure the automatic activation of devices according to a designed timeline.
(A) Go to the "Account" section.
(B) Go to the "Time schedule" submenu. From here you can add, edit or delete time schedules.
(C) Once inside, a list of existing time schedules is shown. To add a new time schedule tap the icon ⊕. A form will open to enter the following data

- **(D)** Time schedule name - used to identify the time schedule
- **(E)** Gateway - each time schedule must be linked to a Gateway. From here you can expand a list with the active gateways

(F) Once completed, in the devices section tap "Add devices to time schedule".
(G) In the next menu we will select the devices we want to activate with the time schedule. A list of devices assigned to the Gateway appears. Clicking on the box on the right selects them.
(H) Then we tap the "Add to time schedule" button. It is important that the selected devices are going to execute the same function; otherwise a new time schedule must be created for each device.







Time schedule (continued)

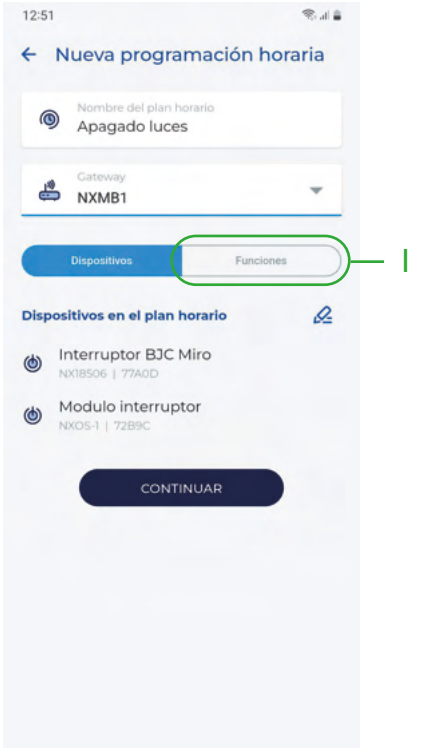
(I) The selected devices now appear listed in the "Devices" section. If we tap Functions, we will see a list of functions that the selected devices can perform.
(J) We tap the "Continue" button

(K) Next the device behaviour appears. We select "Add a schedule"

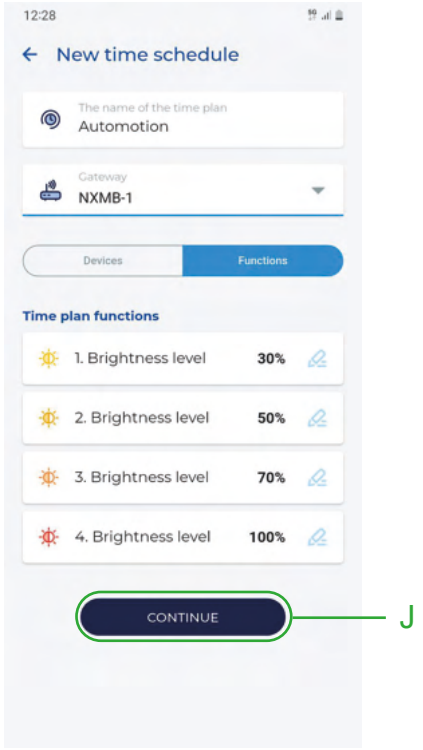
We can now select:

- **(L)** how we want the devices to act
- **(M)** in which time slot
- **(N)** on which days.

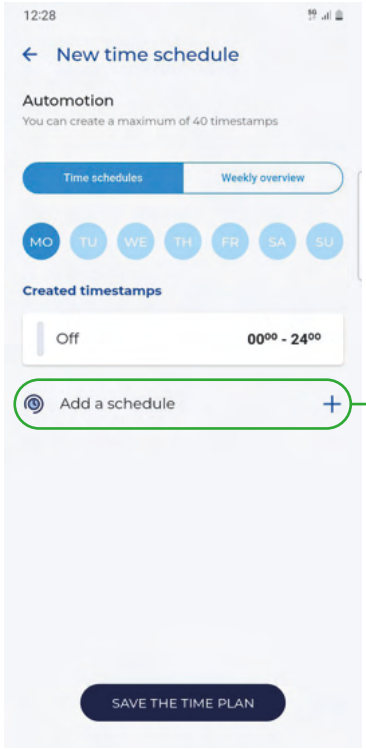
(O) Once we have completed this information according to our preferences, we tap "Save".



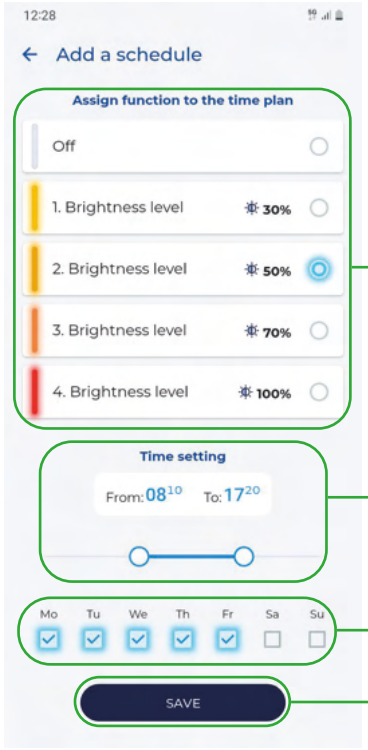
I



J



K



L

M

N

O

Time schedule (continued)

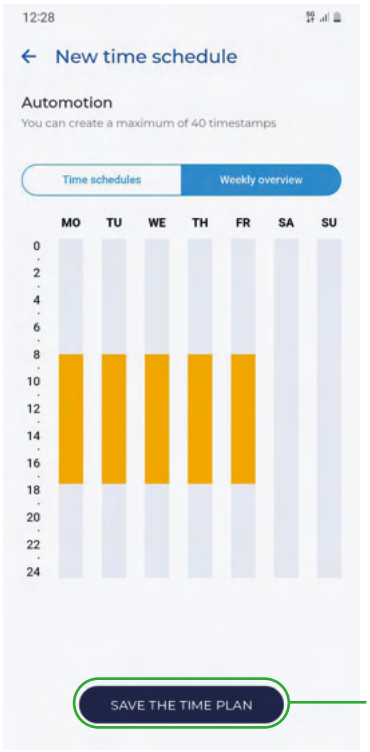
(P) Once we have saved the schedule, the device behaviour will be updated. If we select "Weekly summary" we can see its status via a bar chart.

(Q) To finish we select "Save time schedule".

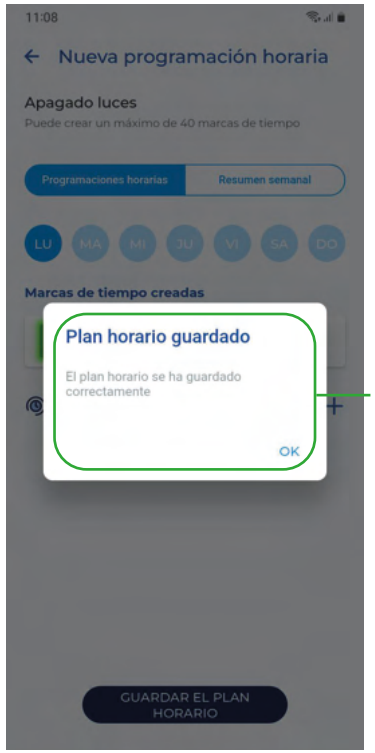
(R) When it has been saved successfully we tap "Ok"

(S) Indicate "Yes" to save the data to the gateway immediately or "Later" if you want to add more time schedules first.

P



Q



R

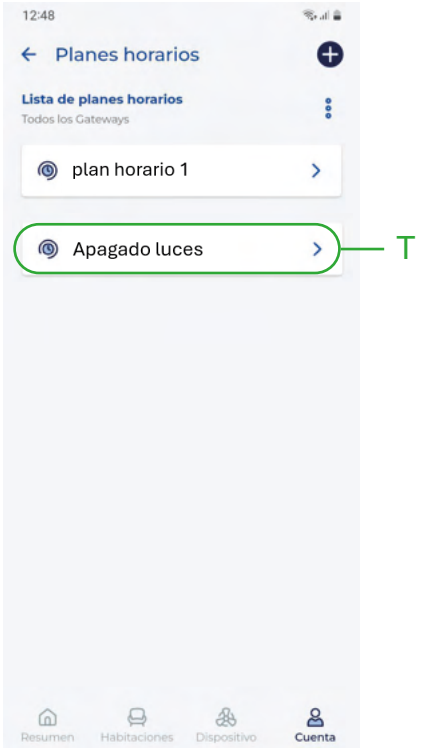
S

Time schedule (continued)

(T) The new time schedule will be added to the list of existing schedules. Tap on the schedule to see its details.

(U) Once inside the time schedule you can modify or delete it by tapping the corresponding icons.

(V) The time schedule will appear in the control panel of the assigned devices. From here it can be enabled or disabled



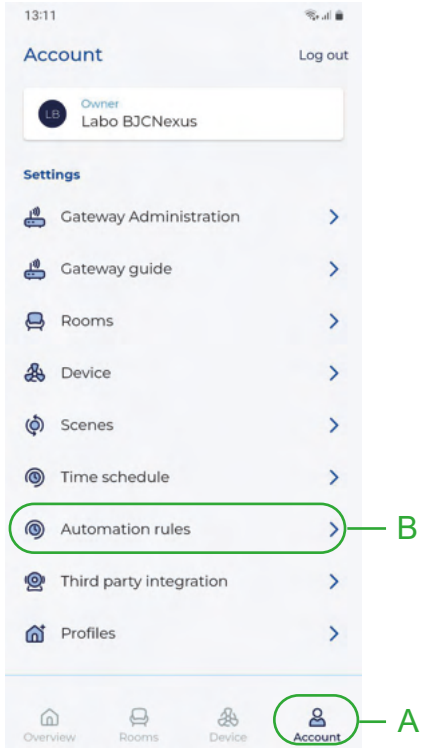
5.9. Automation rules

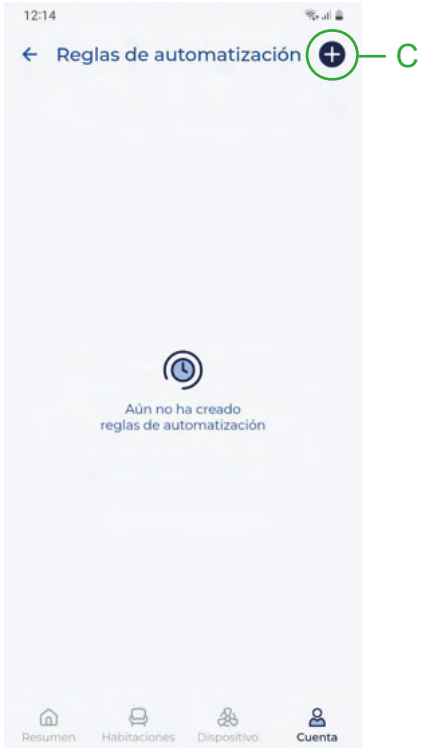
Automations are used to create rules that execute actions on devices based on established conditions. These conditions can come from the status of one or several devices, a specific time or the weather.

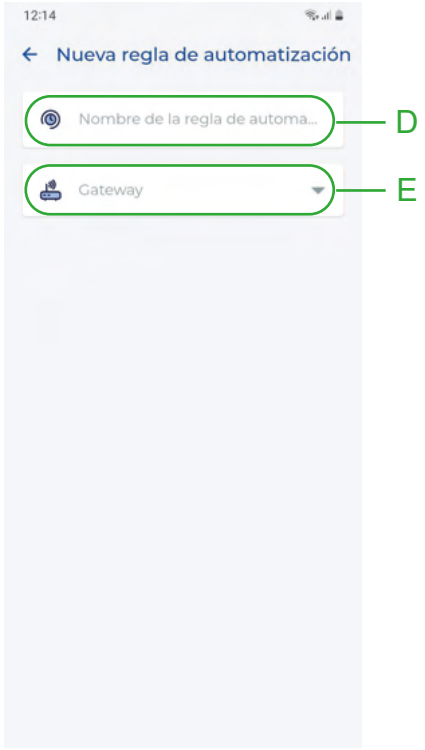
(A) Go to the "Account" section.
(B) Go to the "Automation rules" submenu. From here you can add, edit or delete automations.
(C) Once inside, a list of rules is shown if any exist. To add a new automation tap the icon . A form will open to enter the following data

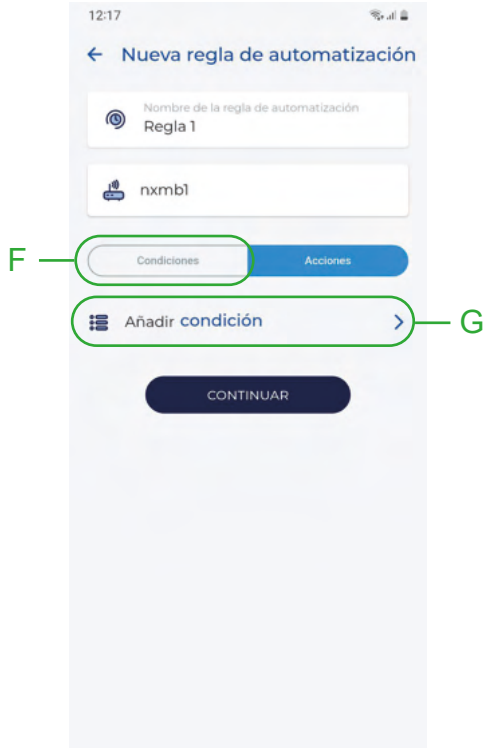
- **(D)** Rule name - used to identify the automation
- **(E)** Gateway - each automation must be linked to a Gateway. From here you can expand a list with the active gateways

(F) Once completed, it allows us to define the conditions that will activate the rule and the actions that will be executed after its activation. We go to the conditions section.
(G) We tap "Add condition"







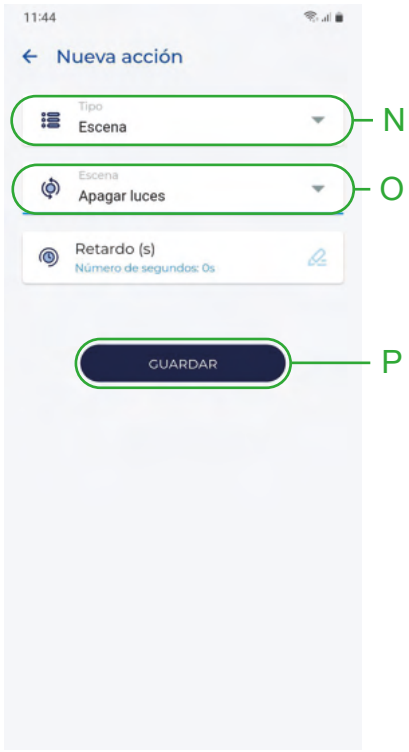


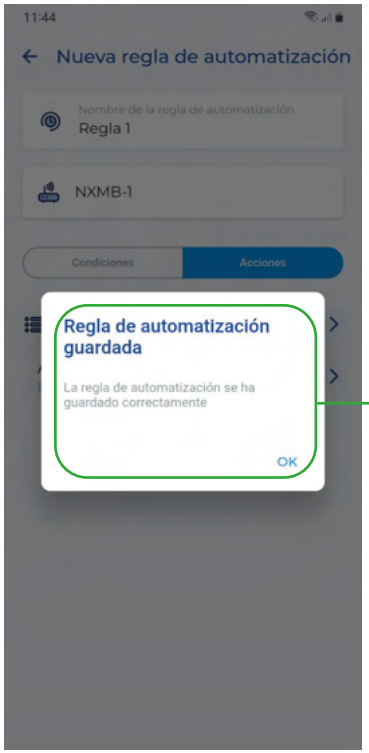
Automation rules (continued)

(H) A form appears to define the new condition. We select the type of condition that defines the reason that will trigger the rule (the status of a device, the time or the weather).
(I) Let us select the type of device.
(J) The parameters that can trigger the automation execution appear. These parameters depend on the type of device selected. We select the desired parameters.
(K) We tap "Save". When returning to the menu we can add new conditions. These new conditions will activate the rule if any of them occur (OR function) or when all of them are met (AND function)

(L) Once the conditions have been defined, we define the actions and select their corresponding section.
(M) selected "Add action".
(N) Here we can choose whether the action acts on a device or on a pre-recorded scene.
(O) The actions on a device will depend on the selected device. We define the desired actions.
(P) When it is defined we tap "Save". We can add additional actions if necessary.

(Q) Once we return to the "New automation rule" menu we tap "Continue" and the rule will proceed to be saved in the application.
(R) When it has been saved successfully we tap "Ok"



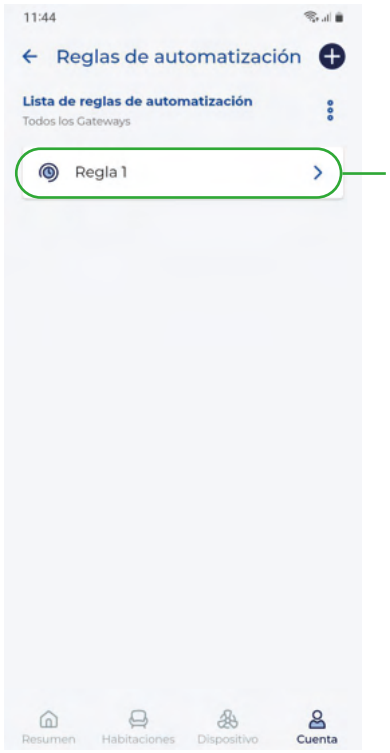


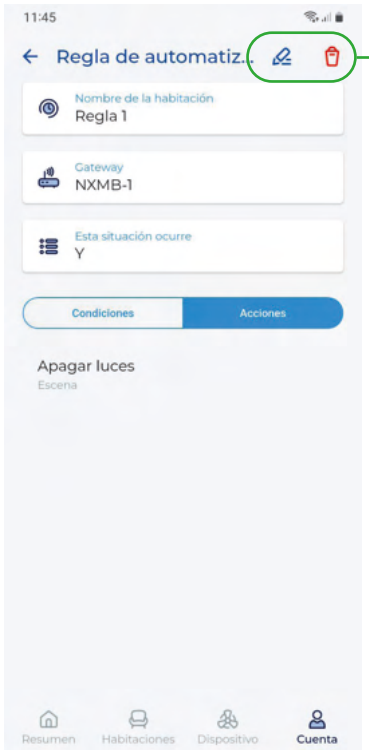
Automation rules (continued)

(S) Once the rule is saved, to apply the changes you will be asked to restart the gateway. Indicate "Yes" to save the data to the gateway immediately or "Later" if you want to add more automations first.

(T) The new automation rule will be added to the list of existing rules. Tap on the rule to see its details.

(U) Once inside the automation rule you can modify or delete it by tapping the corresponding icons.





5.10. Third-party integration

From the "Third-party integration" section, information from a camera or a weather station can be included.

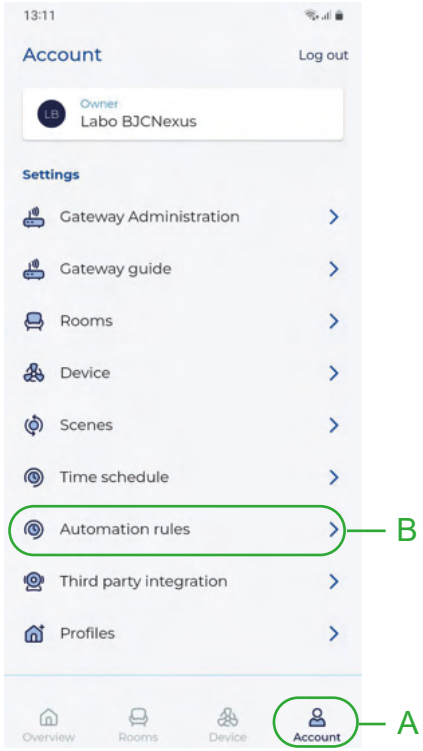
5.10.1. Camera integration

(A) Go to the "Account" section.

(B) Go to the "Third-party integration" submenu. From here you can add the information from the camera or weather station.

(C) Tap Cameras

(D) Tap Add camera" or the symbol ⊕



Camera integration (continued)

(E) From here you can give the camera a name to identify it, indicate its IP address or URL, the video source it uses, and the credentials if it has a username and password to access it

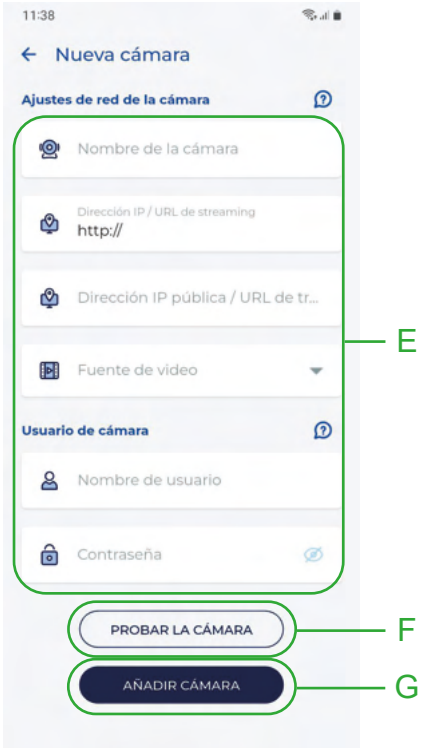
(F) If you want to test that the camera is displayed correctly tap the "Test camera" button

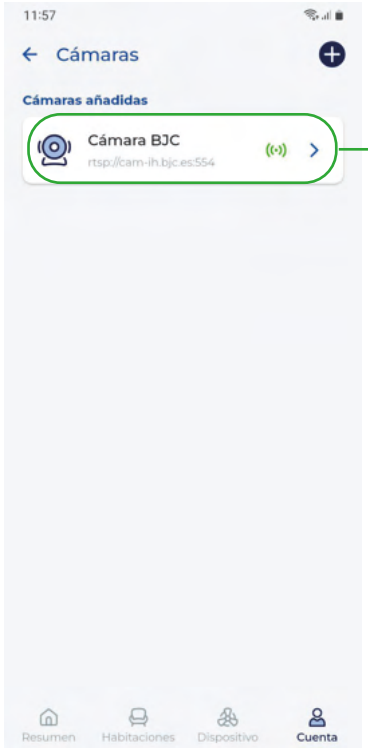
(G) Once everything is correctly configured tap the "Add camera" button

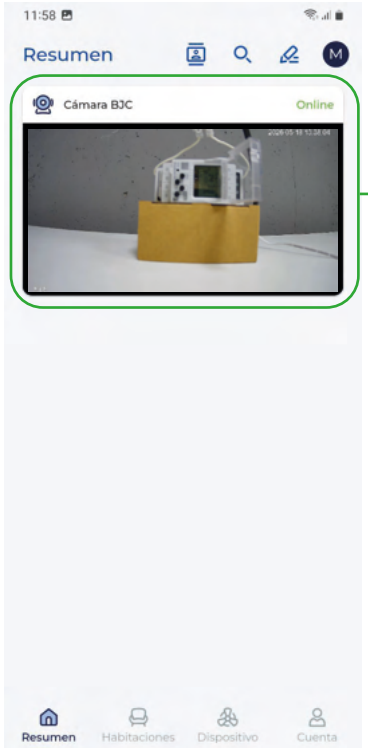
(H) The camera will appear listed showing its connection. Tap on it to edit it

(I) To modify its parameters or delete it tap the corresponding icons.

(J) To view it, add the camera within the Summary tab in the main menu. See section **6.1. Summary**







5.10. 2. Integration with weather station

(A) Go to the "Account" section.

(B) Go to the "Third-party integration" submenu. From here you can add the information from the camera or weather station.

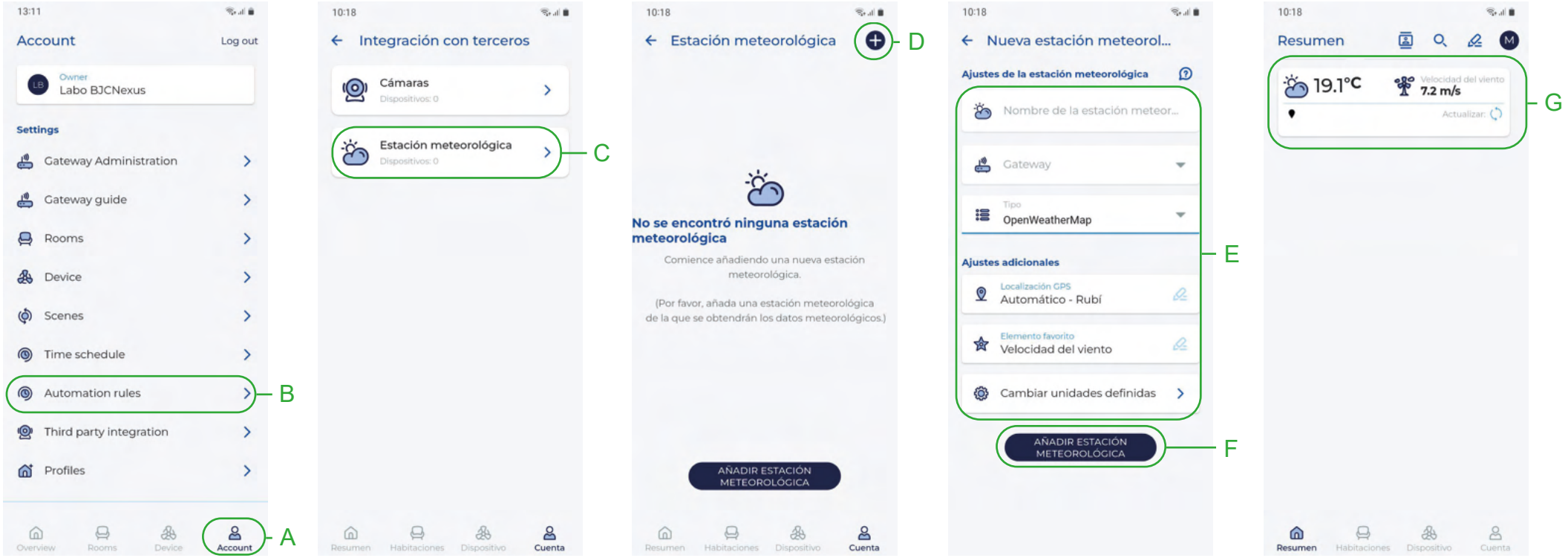
(C) Tapping on weather station shows a list of added stations

(D) To add a station tap the symbol ⊕

(E) From here you can give the station a name to identify it, select the station from a dropdown with the available ones and define the parameters that can be monitored from the station.

(F) Once edited you can tap "Add weather station"

(G) To view it, add the weather station within the Summary tab in the main menu. See section **6.1. Summary**



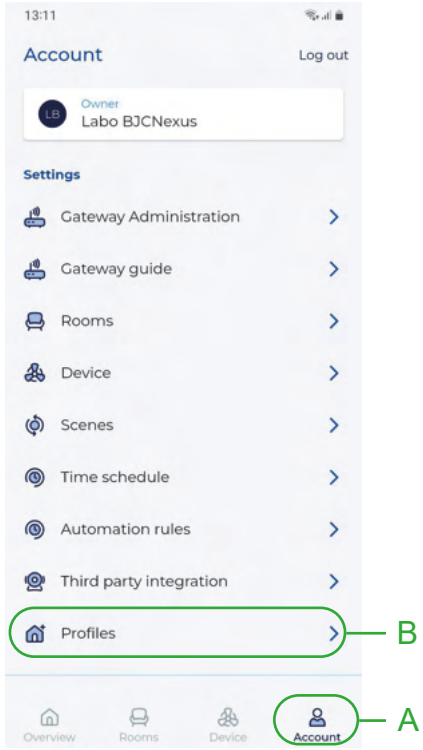
5.11. Profiles

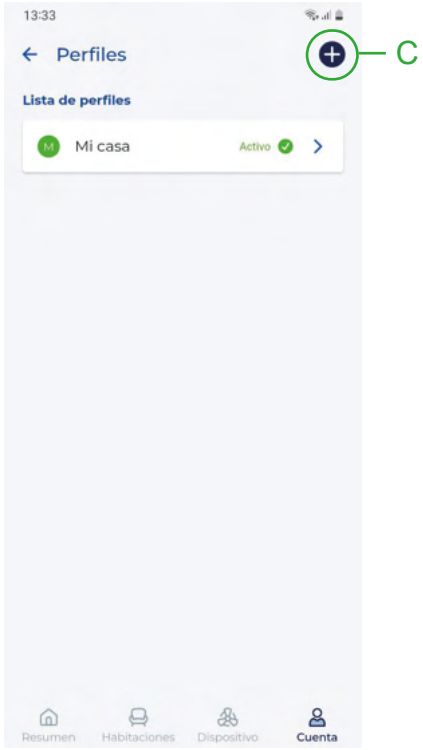
(A) Go to the "Account" section.
(B) Go to the "Profiles" submenu. From here multiple gateways can be managed under the same account. The typical example is to manage several homes, creating a profile for each one, so that in each profile only the gateways belonging to that home appear. Having separate profiles allows having different "Summary" screens

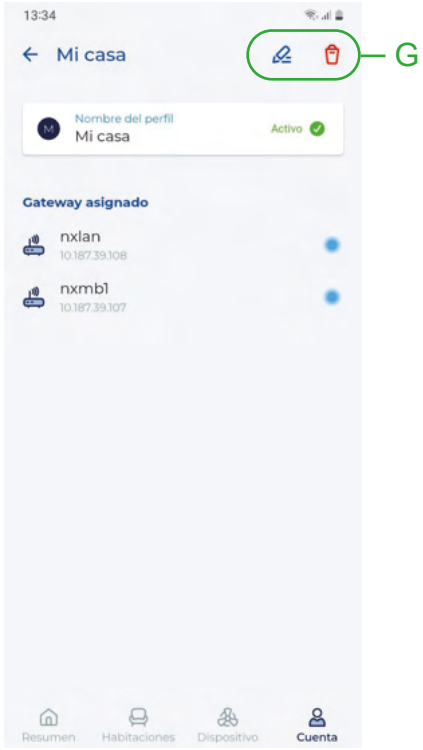
(C) By default, when new gateways and devices are added, they all go to the same basic profile. If you want to create a new profile and divide everything into several subsystems, tap in the top right corner of the "Profiles" menu. A new form will appear to enter the following data:

- **(D)** Profile name - used to identify the new profile
- **(E)** Gateway to select for the new profile - a list of gateways assigned to your account appears so you can select them for the new profile

(F) After tapping "Save" it will appear included in the Profiles List.
(G) By tapping on one of the profiles in the list you can see the gateways selected for that profile and in the top right corner the icons to modify or delete it.







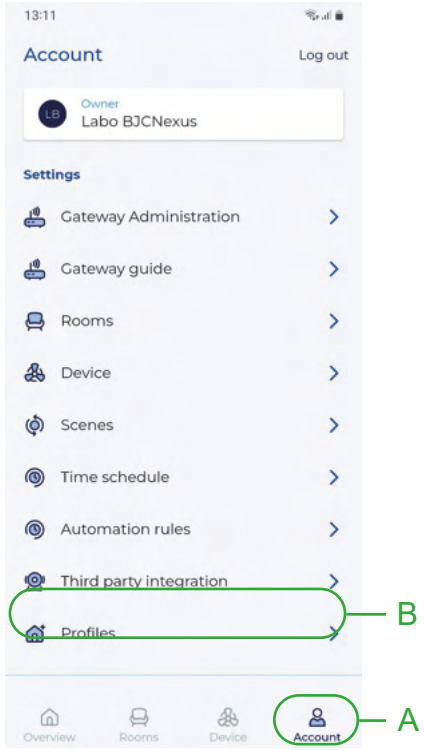
5.12. Cloud accounts

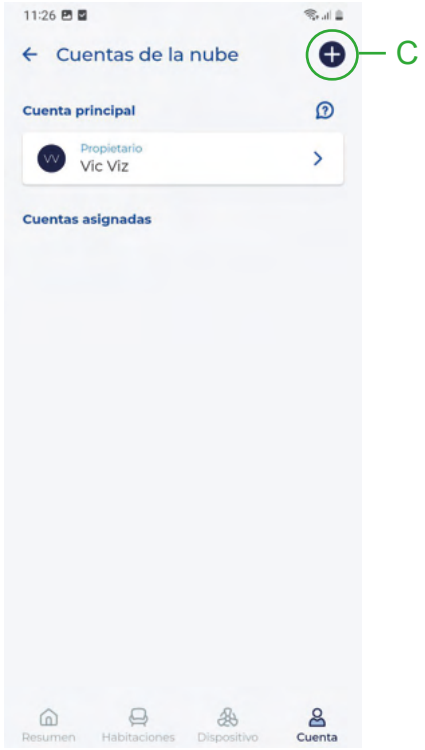
From here you can add accounts with different roles so they can interact with your home
(A) Go to the "Account" section.
(B) Go to the "Cloud accounts" submenu. From here the accounts that can access the control of the home devices are shown. The default main account is the "Owner"

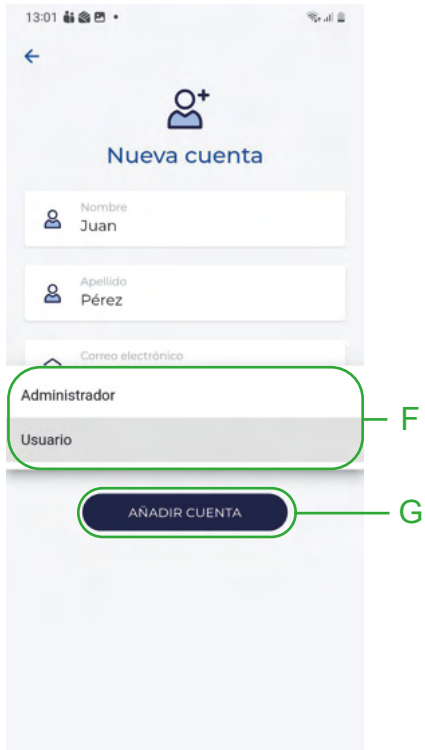
(C) By tappin ⊕ in the top right corner of the menu you can add a new account with access to your home devices. A form will appear to fill in the following data:

- **(D)** First and last name of the new user
- **(E)** Email of the new user.
- **(F)** Role that the new user will have. If Administrator, they can modify and add devices, rooms, scenes, schedules and automations to the home. If User, they will only be able to control them.

(G) After tapping "Add account" it will appear included in the Assigned Accounts List and an email will be sent to the created user.



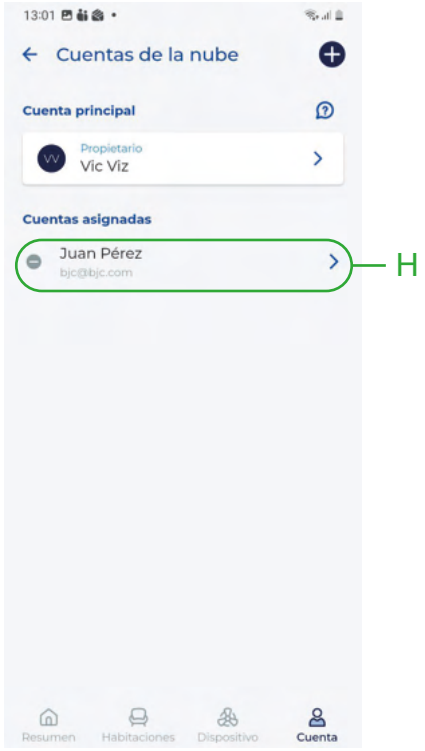


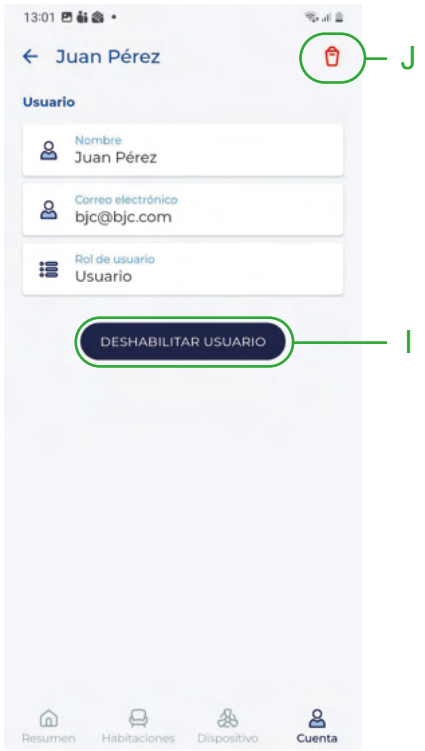


Cloud accounts (continued)

(H) By tapping on the user we can go to their corresponding submenu. From here we can:

- **(I)** Enable or Disable the user, so they can access the control or organisation of our home
- **(J)** Delete their account from our list of assigned accounts





6. Control

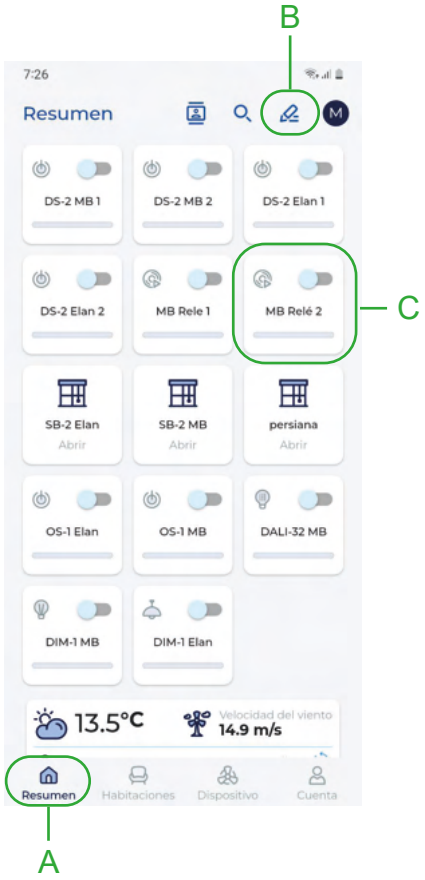
From the "Summary", "Rooms" and "Devices" tabs of the main menu you can control devices, scenes and other system elements

6.1. Summary

(A) The "Summary" tab allows the user to freely select and arrange the selected elements on a screen, making the control of the most frequently used devices and scenes in the system faster.

(B) Tapping the edit icon e options "Add device" and "Change position" appear to configure the elements according to the user's preferences.

(C) Control is done by briefly tapping on the icon. If the icon is held down the device details will open.



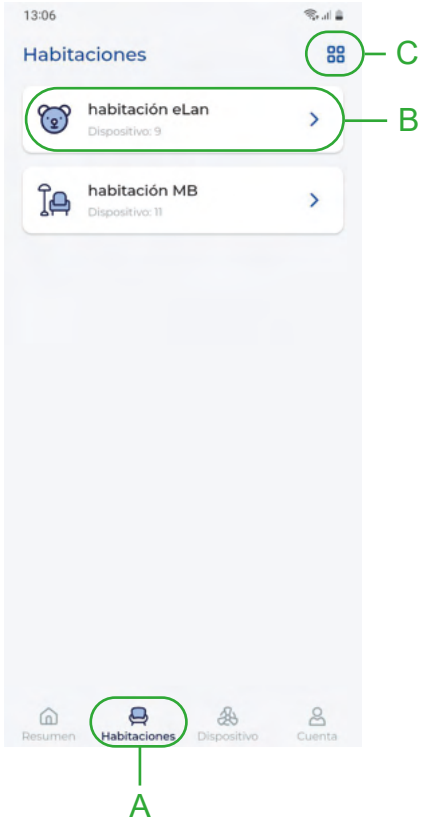
6.2. Rooms

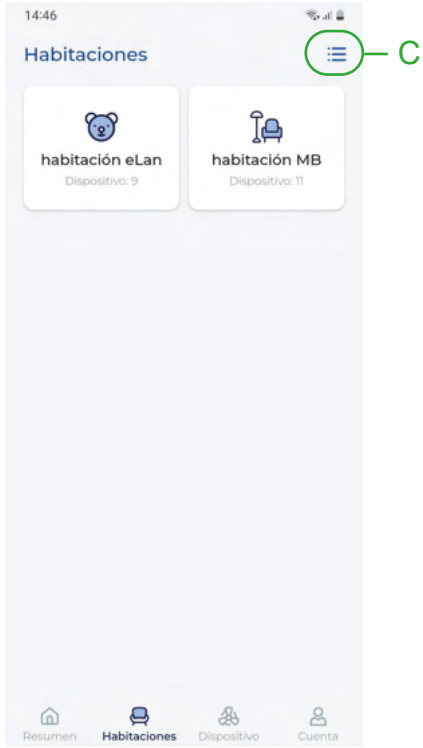
(A) From the "Rooms" tab of the main menu the user can view the elements assigned to each room.

(B) By tapping on the room you can see the assigned devices and elements and control them manually.
Control is done by briefly tapping on the icon. If the icon is held down the device details will open.

(C) In the rooms you can change the display of elements to show them in list format or grid format.

NOTE: For devices to be accessible from BJC Nexus Cloud, from Amazon Alexa and from Google Home they need to be located within a room.





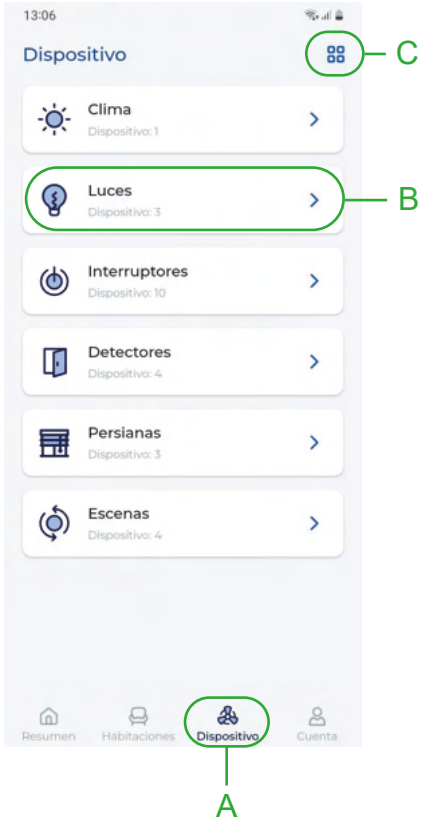
6.3. Devices

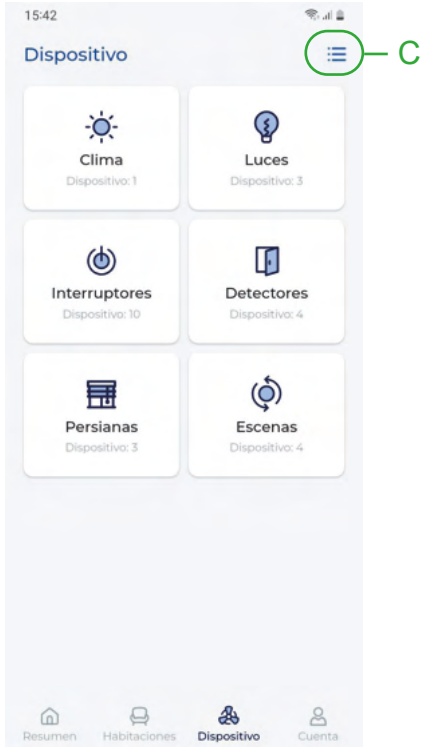
(A) From the "Devices" tab of the main menu the user can view all installed devices, classified by type.

(B) By tapping on each type you can see the devices and control them manually. Control is done by briefly tapping on the icon. If the icon is held down the device details will open.

(C) The display of elements can be changed to show them in list format or grid format.

Below is a description of how the main BJC Nexus devices work in the application





6.3.1. Light switches (NX18506, NX59906, NXOS-1, NXDS-2 and NXMB-1)

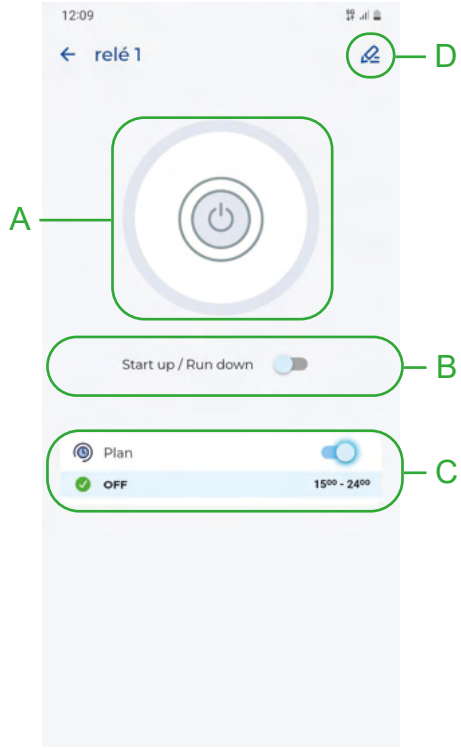
The following actions can be performed from this panel:

(A) Turn on / Turn off the actuator output

(B) Apply a time delay to the output switch-on or switch-off

(C) If it has a time schedule assigned it will appear on the panel and you will have the option to enable or disable it

(D) To configure the delay for the output switch-on or switch-off, tap the "edit" button. You will enter the configuration menu:
\t(E) From here you can configure the switch-off delay time (from 2s to 60 min).
\t(F) From here you can configure the switch-on delay time (from 2s to 60 min).
\t(G) Once configured, tap "Save" and you will return to the main panel.



6.3.2. Light dimmers (NX21545, NX59949, NXDIM-1, NXDALI-32)

The following actions can be performed from this panel:

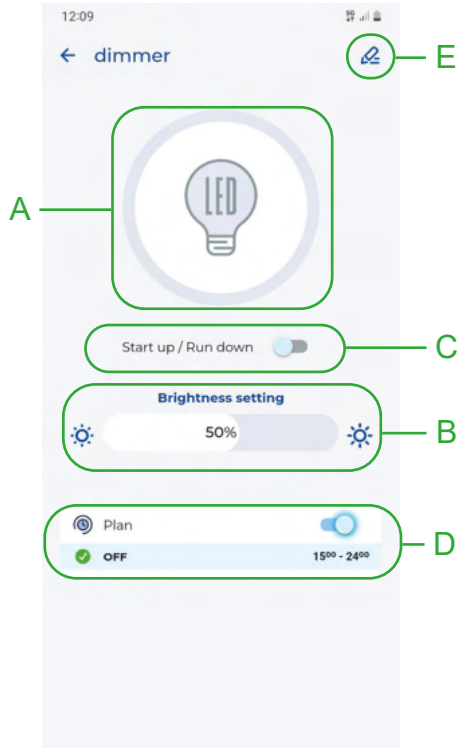
(A) Turn on / Turn off the light output

(B) Adjust the light intensity

(C) Apply a progressive switch-on/switch-off of the light

(D) If it has a time schedule assigned it will appear on the panel and you will have the option to enable or disable it

(E) To configure the progressive switch-on and switch-off of the light tap the "edit" button. You will enter the configuration menu:
\t(F) From here you can configure the light switch-off time interval (from 2s to 30 min).
\t(G) From here you can configure the light switch-on time interval (from 2s to 60 min).
\t(H) Once configured, tap "Save" and you will return to the main panel.



6.3.3. Blind switch (NX18565, NX59965, NXSB-2)

The following actions can be performed from this panel:

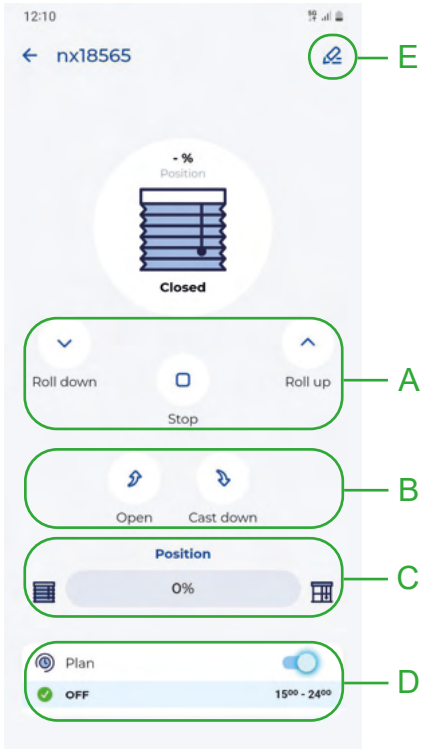
(A) Raise/Lower/Stop the blind

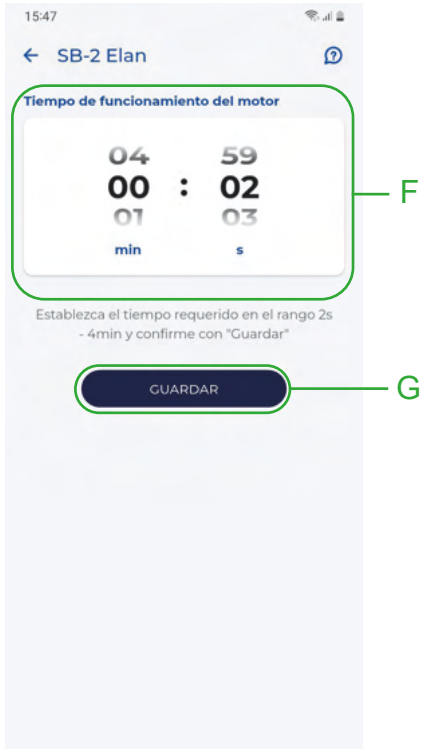
(B) Open or Close the blind while pressed

(C) Open the blind a specific percentage

(D) If it has a time schedule assigned it will appear on the panel and you will have the option to enable or disable it

(E) To configure the blind raise and lower time tap the "edit" button. You will enter the configuration menu::
\!(F) From here you can configure the blind raise and lower time (from 2s to 5 min).
\!(G) Once configured, tap "Save" and you will return to the main panel.





6.3.4 Power outlet (NX18524, NX59924)

The following actions can be performed from this panel:

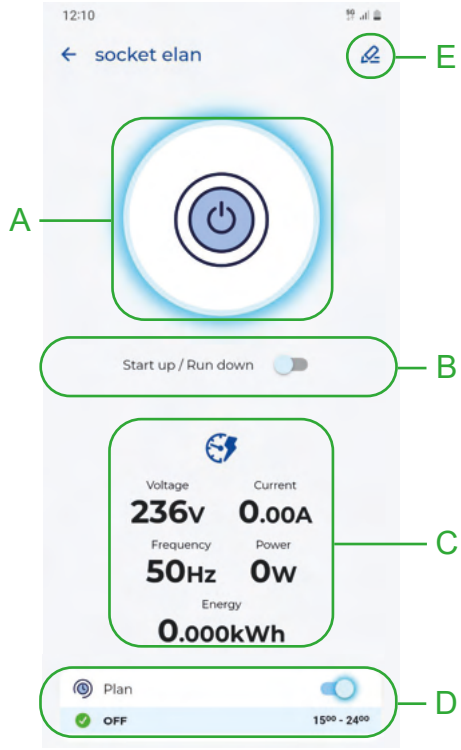
(A) Turn on / Turn off the actuator output

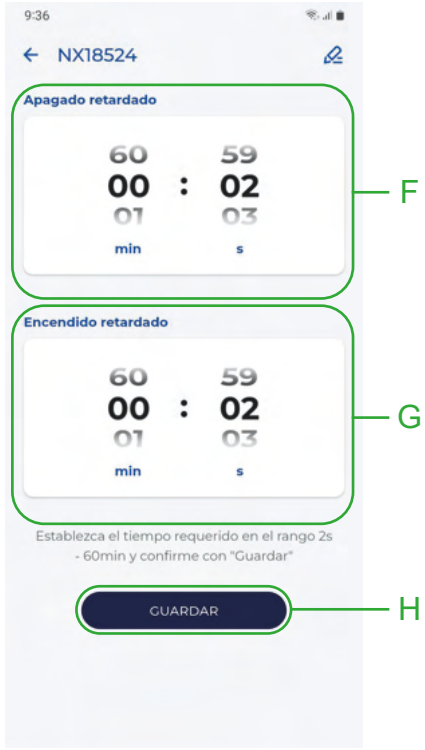
(B) Apply a time delay to the output switch-on or switch-off

(C) Monitor the consumption produced by the power outlet

(D) If it has a time schedule assigned it will appear on the panel and you will have the option to enable or disable it

(E) To configure the delay for the output switch-on or switch-off, tap the "edit" button. You will enter the configuration menu:
\t(F) From here you can configure the switch-off delay time (from 2s to 60 min).
\t(G) From here you can configure the switch-on delay time (from 2s to 60 min).
\t(H) Once configured, tap "Save" and you will return to the main panel.





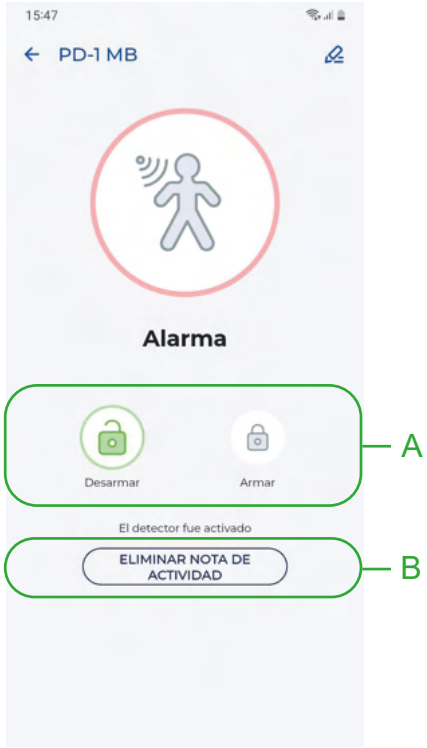
6.3.5. Detectors (NXWDC-1, NXPD-1, NXSF-1)

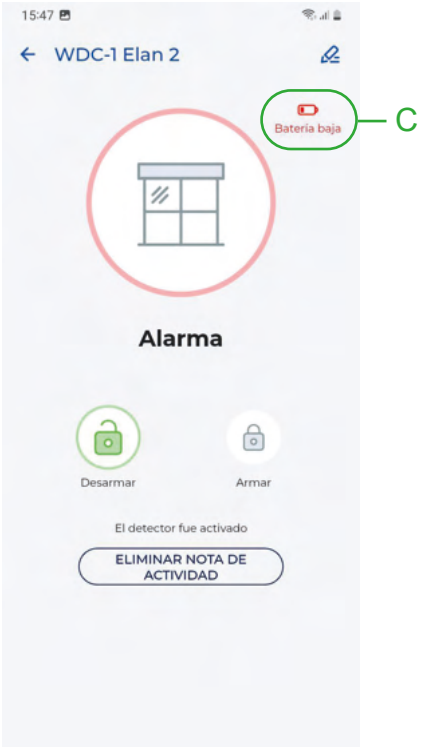
The following actions can be performed from this panel:

(A) Arm / Disarm the Alarm. When armed, the detector activates an alarm when its status changes

(B) Delete the activity notes saved in its history

(C) If the battery is low, an indicator will appear on the control panel.





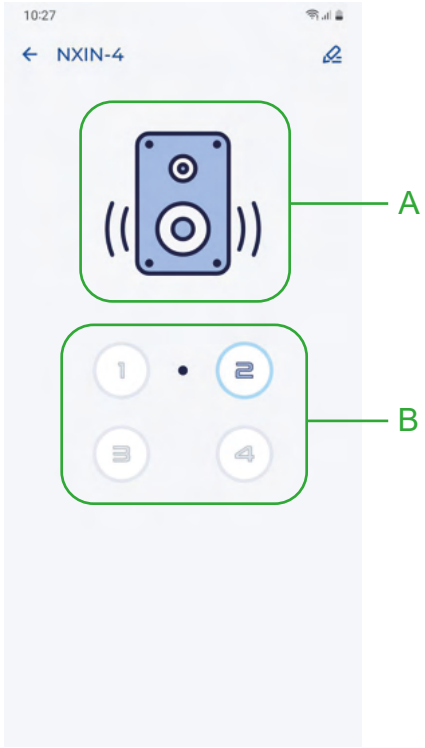
6.3.6. Transmitter devices (NX59939, NX59940, NXKF-4, NXIN-4)

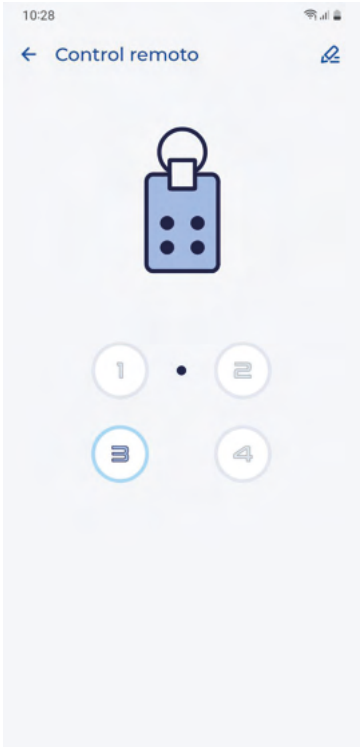
In the transmitter device panels you can see which inputs are activated at any given time. However it does not serve to execute the actions linked to those inputs. To do so, act on the actuator devices or the corresponding scenes.

The panel shows:

(A) The image selected to represent the device

(B) The inputs available on the device. When the device emits a signal, the input that executed the emission lights up. From this panel no actions can be executed.





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Control through web interface

7. Access to the web interface

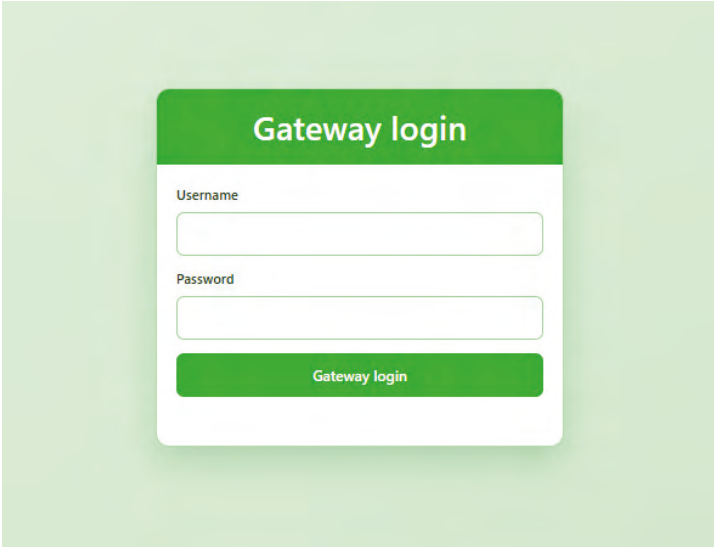
All Gateways have a web interface that allows, through a browser, their configuration and control.

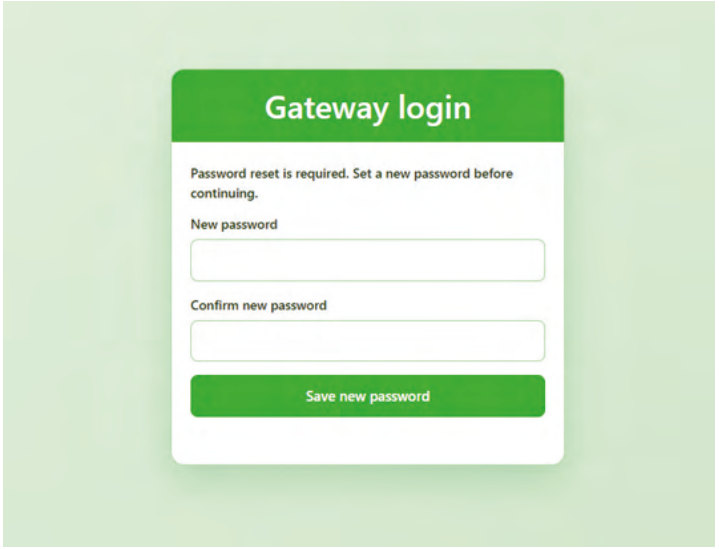
To access it, follow these steps:

1. Connect to the Wi-Fi generated by the Gateway (NXMB-1_xxx in the case of NXMB1 and NXLAN-204_xxx in the case of NXLAN-204). The password for both is BJC12345. If your mobile asks if you want to connect to this Wi-Fi despite having no internet connection, indicate "Accept"
2. From a browser access the address **http://192.168.1.1** or scan the following QR Code:
3. Enter the credentials to access the gateway. The defaults are as follows:

   username: **admin**

   password: **bjc**
4. The first time you access it, you will be asked to change the password.

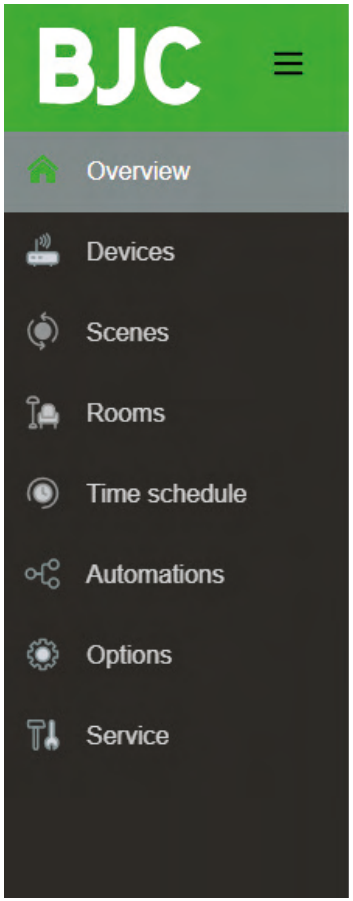




7. 1. Web interface sections

From the Gateway web interface you can organise the home rooms, add, edit and control devices, create scenes, time schedules and automations, and configure the gateway without needing an account or an application

In the main menu we can find the following sections:



Overview: Here we can see the gateway connection status

Devices: To add, edit, delete and control devices

Scenes: For creating scenes

Rooms: Here we can organise the home rooms, creating, editing and deleting them

Time schedule: For creating time schedules on devices

Automations: Here you can create logical rules for device operation.

Options: Here we have location, credentials, etc. options.

Service: Here we can see the gateway connection status,

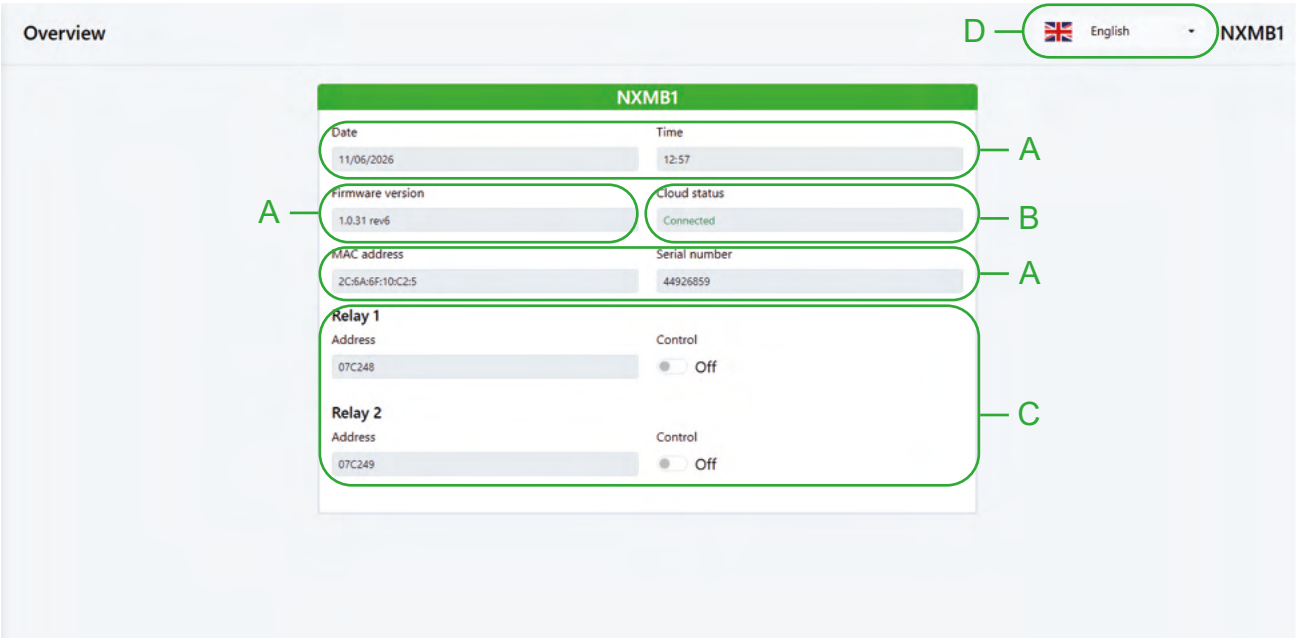
7. 1. 1. Overview

(A) From this tab you can see information about the Gateway including its internal date and time, firmware version and serial number.

(B) Other available information is its connection status to know if it is possible to synchronise the information it holds with the cloud.

(C) You can also see the RF address of its relay outputs, their status and control them (only for the NXMB-1 gateway).

(D) Finally, you can also change the language.



7. 1. 2. Devices

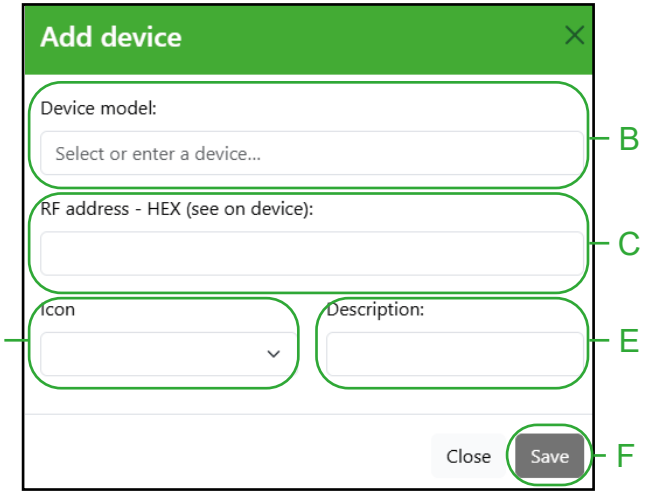
In the devices section we can see from the "Table" tab a list of the devices assigned to the gateway, being able to add new ones or edit and delete existing ones.

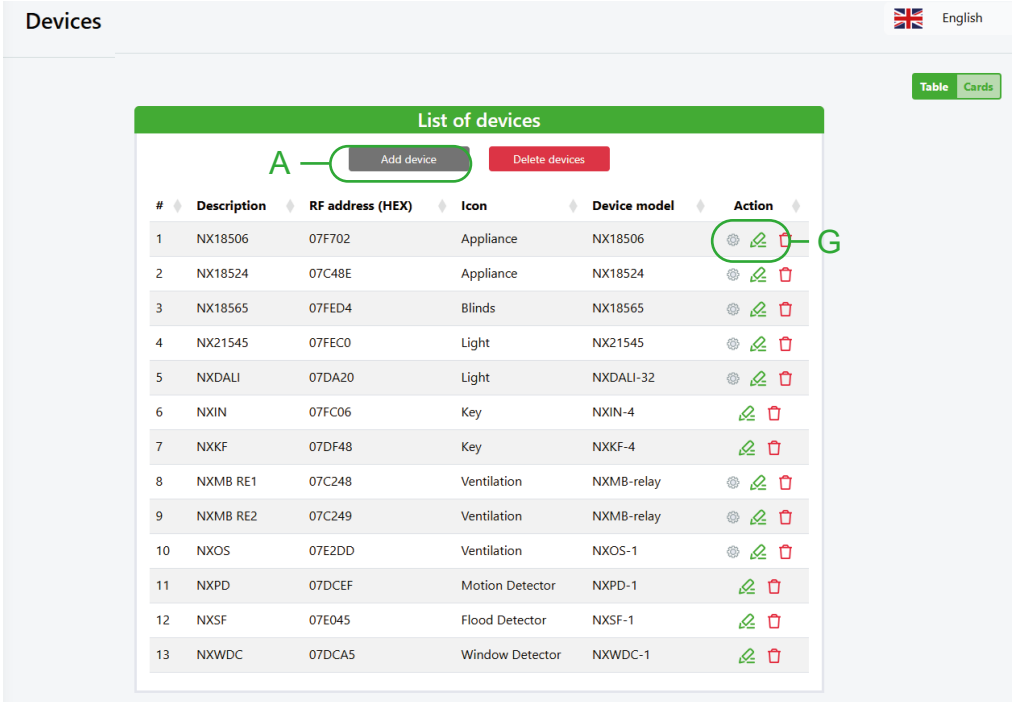
(A) To add a device tap the "Add device" button

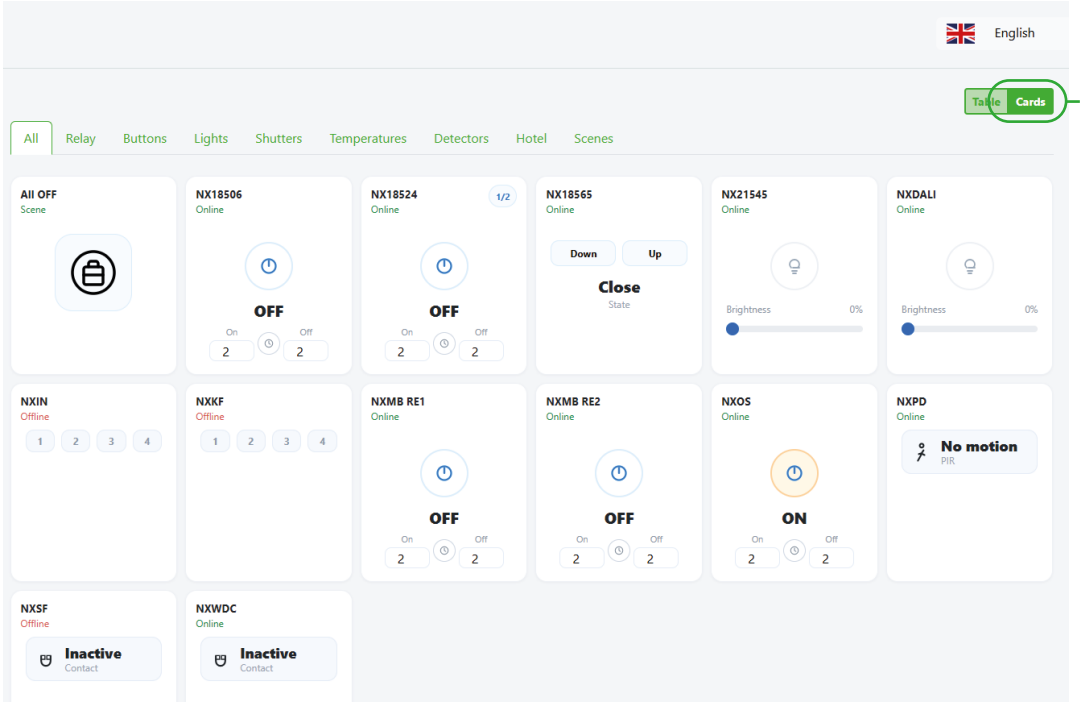
A form will appear to fill in:
(B) Device model: Select the reference of the device to add from the dropdown list
(C) RF address. It appears printed on the device. Consult the manual of the device you are adding to find its location
(D) Icon: Select the image that will represent the device in the App
(E) Description: Give the device a name for easy identification
(F) Finally tap the "Save" button

(G) To modify or delete a device tap the corresponding icons

(H) From the "Cards" tab we can control the devices in the list and see their current status. It also allows scene control.







7. 1. 3. Scenes

From the "Scenes" section we can see a list of the scenes created in the gateway.

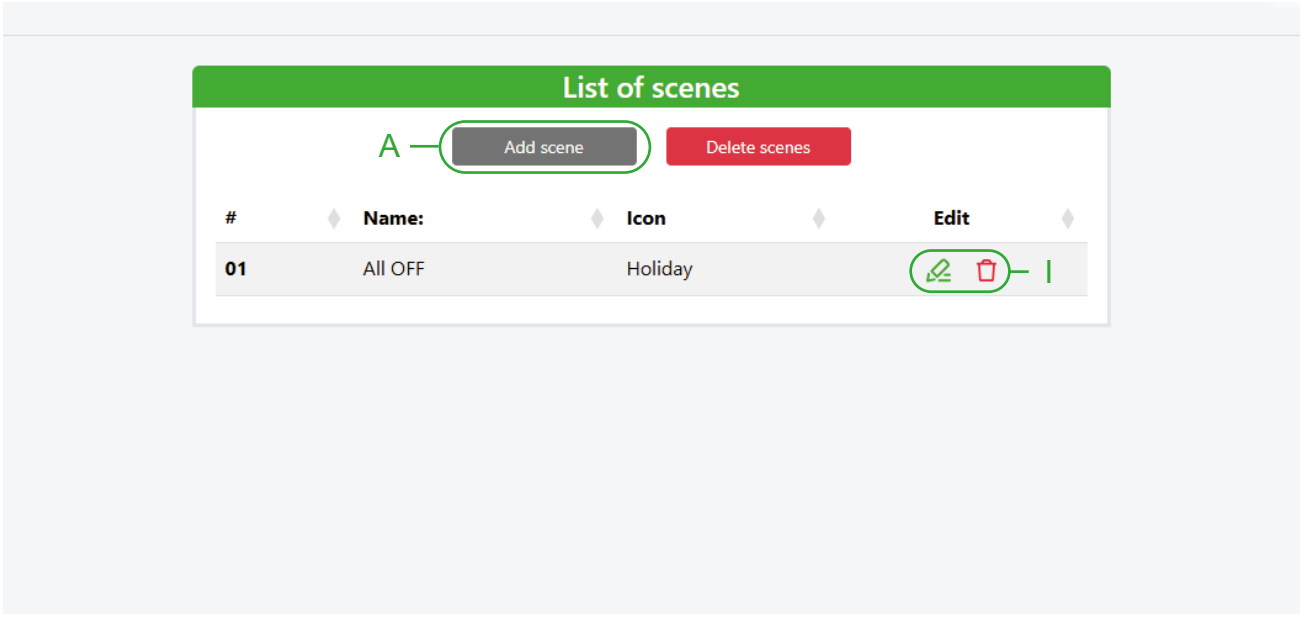
We can add new scenes or also edit or delete existing ones.
(A) To add a scene tap the "Add scene" button

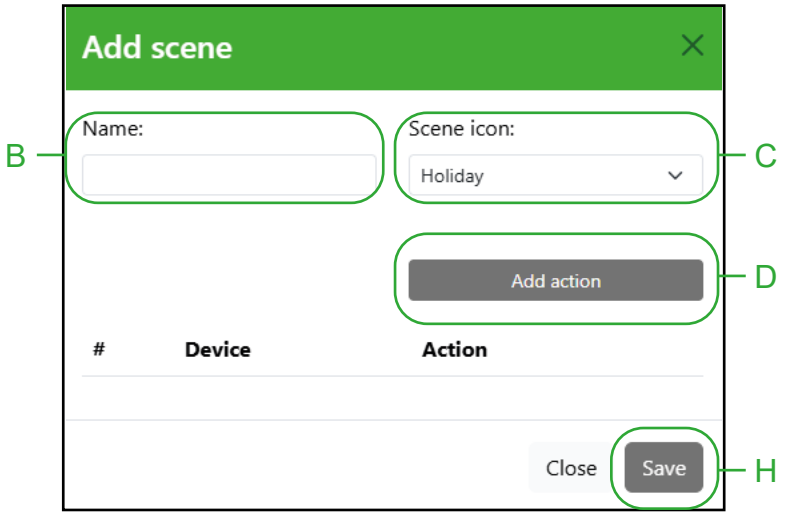
A form will appear to fill in:
(B) Name: Write the scene name for easy identification
(C) Scene icon: Select the image that will represent the scene in the App
(D) To add actions tap the "Add action" button
\t(E) Device: Select the device that will act from the dropdown options
\t(F) Action: Select the action that the device will execute from the dropdown options.
\t(G) Tap the "Add action" button. Repeat the steps **D, E, F, G,** for each new action you want to include in the scene.

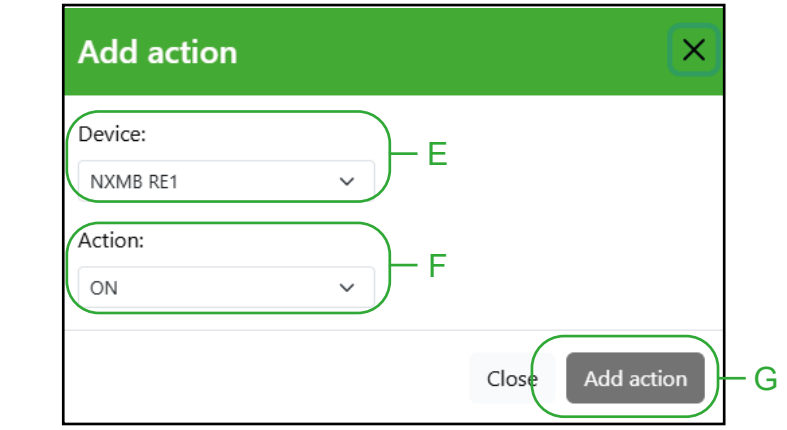
(H) Once all actions have been added tap the "Save" button

(I) To modify or delete a scene tap the corresponding icons

To execute scenes go to the Devices menu. See section 7.1.2.







7. 1. 4. Rooms

From the "Rooms" section we can see a list of the rooms created in the gateway.

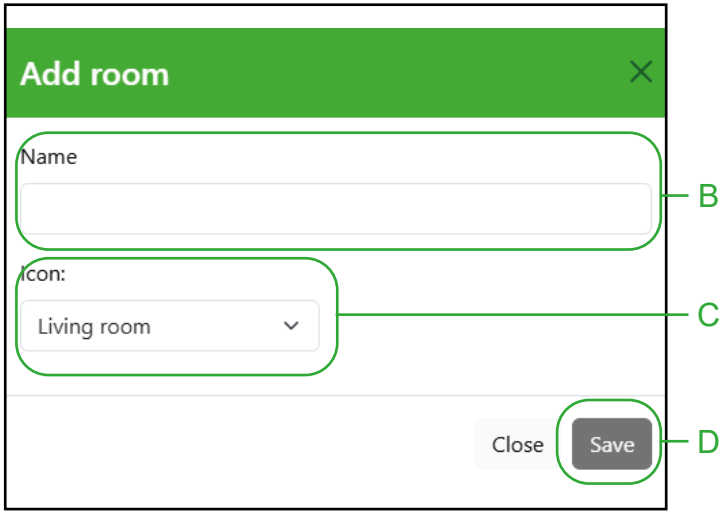
We can add new rooms or also edit or delete existing ones.

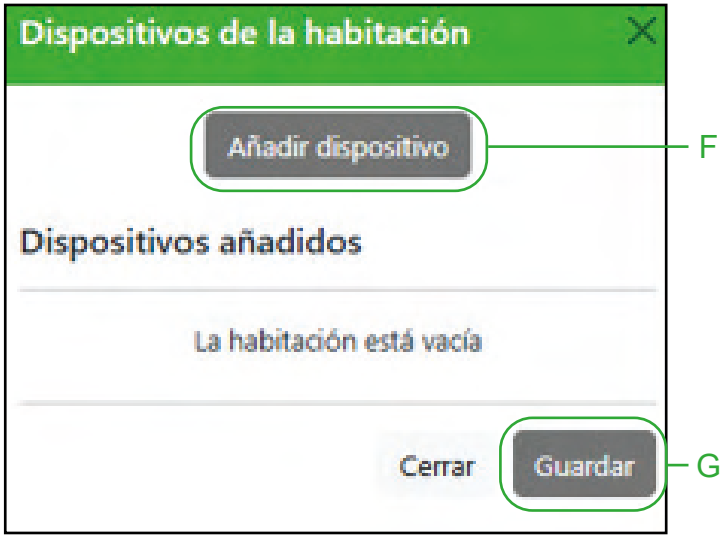
(A) To add a room tap the "Add room" button. A form will appear to fill in:
\t**(B) Name:** Write the room name for easy identification
\t**(C) Icon:** Select the image that will represent the room in the App
(D) Tap the "Save" button

The room will appear listed in the Room List. You can now add devices and scenes to it.
(E) To add devices to the room tap the + symbol
(F) Tap the "Add devices" button. A list of selectable devices will appear.
\t Choose the ones you want to include in the room and tap "Add"\t
\t**(G)** Once added, tap the "Save" button

(H) To modify or delete a room tap the corresponding icons

NOTE: Remember to add devices in rooms to be able to view them in BJC Nexus Cloud and control them from Amazon Alexa and Google Home



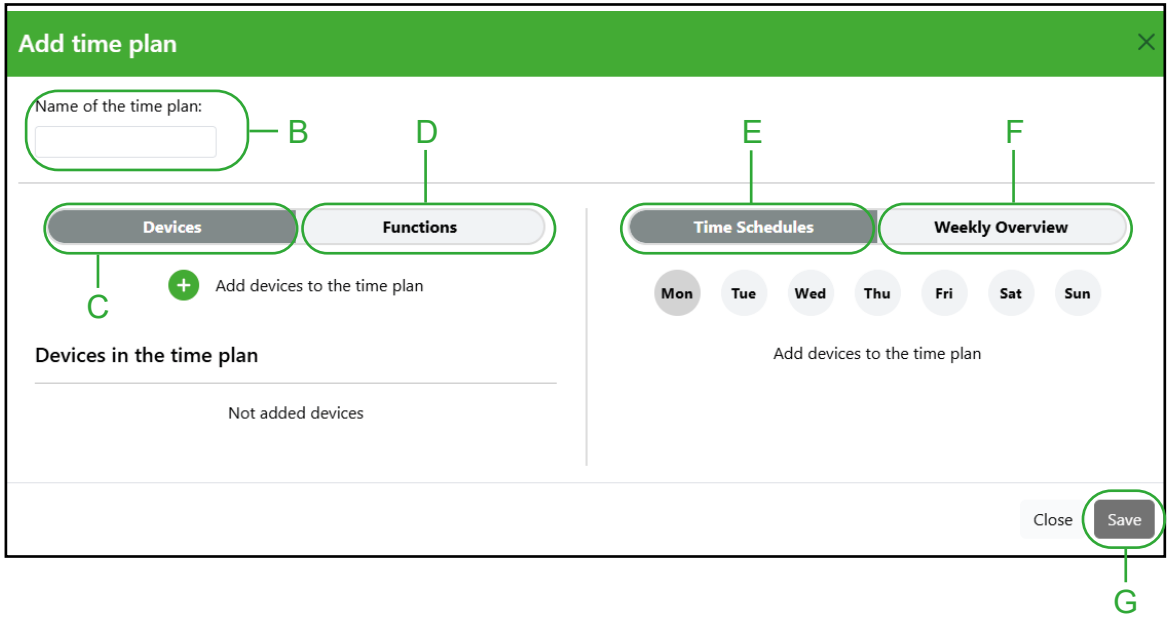


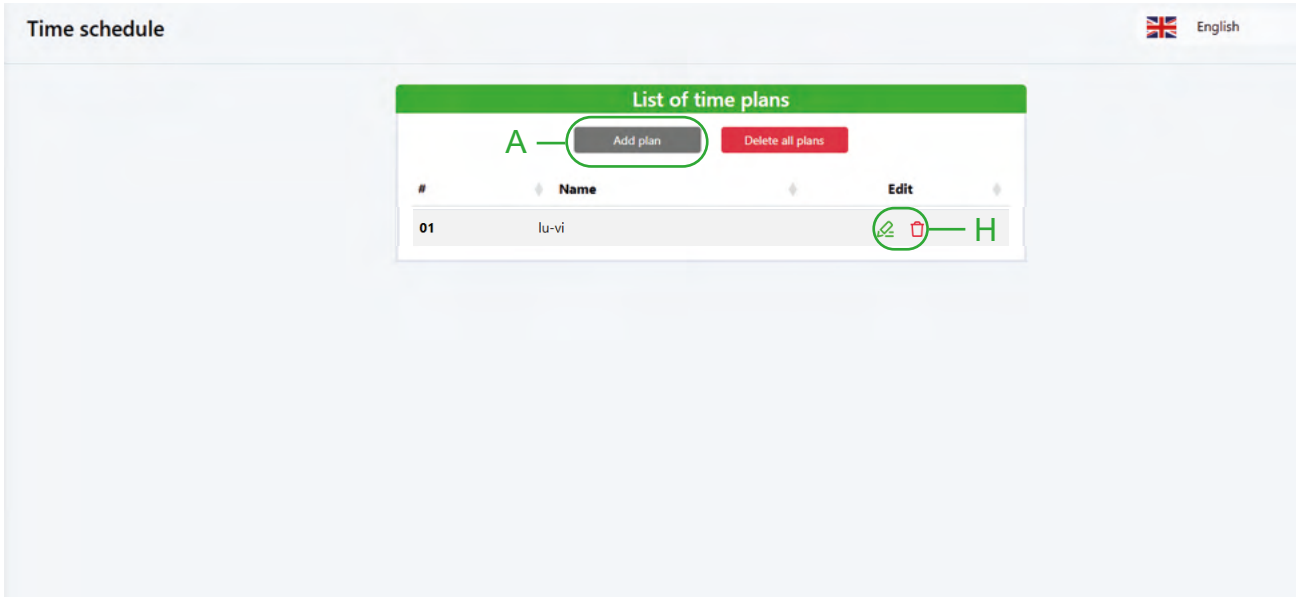
7. 1. 5. Time schedule

From the "Schedules" section we can see a list of the time schedules created in the gateway. We can add new time schedules or also edit or delete existing ones.

A) To add a time schedule tap the "Add schedule" button.
In the next form add
\t**(B) Time schedule name:** The one we want to identify it with
\t**(C) Devices:** By tapping "Add devices to time schedule" we can select the devices we want to include in the schedule
\t**(D) Functions:** From here we can indicate the status that the devices will have \t in the indicated schedule
(E) Schedules: We choose the days of the week and the times where the\t device behaviour will apply
\t**(F) Weekly summary:** From here we can see a chart with the behaviour that the devices included in the time schedule will have during the week
\t**(G)** Once configured we tap the save button

(H) To modify or delete a time schedule tap the corresponding icons



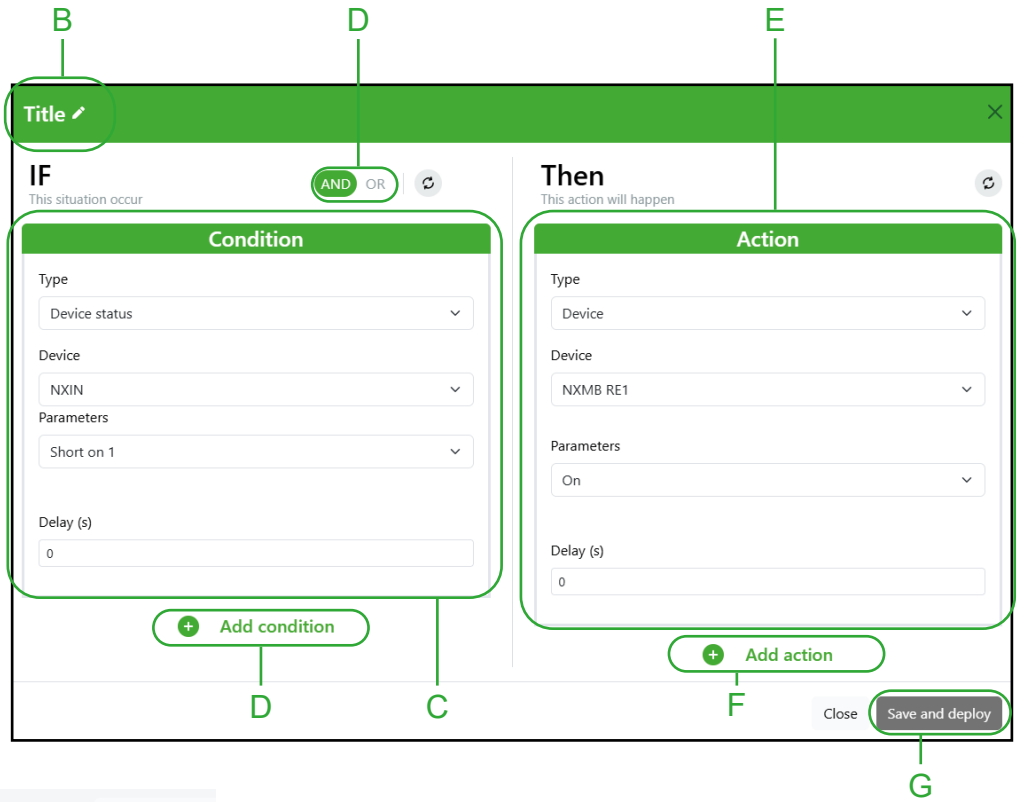


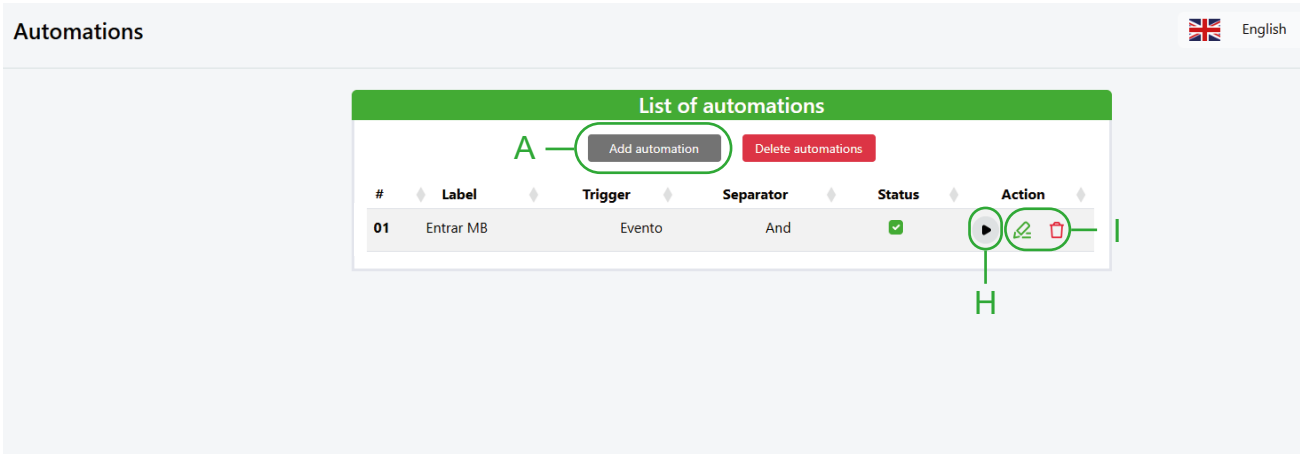
7. 1. 6. Automations

From the "Automations" section we can see a list of the automation rules created in the gateway. We can add new automation rules or also edit or delete existing ones.

A) To add an automation tap the "Add automation" button. In the next window add:
\t**(B) Title:** Write the automation name for easy identification
\t**(C) Condition:** Here you can describe the criteria that will activate the automation. Select the \t\t device and the status that will trigger the activation. You can also configure a delay.
\t**(D)** If there is more than one condition tap the "Add condition" button. Depending on \t whether the activation is with all conditions or just some of them, indicate "AND" or "OR"
(E) Action: Select the device that will act when the automation is activated\t
Select the function you want this device to perform. You can also configure a delay.
\t**(F)** If there is more than one action to perform tap the "Add action" button.
\t**(G)** When the automation is complete, tap "Save and Implement"

(H) Tapping "Play" you can simulate the conditions to execute the automation actions.
(I) To modify or delete an automation tap the corresponding icons





7. 1. 7. Options

In this section you can perform the following actions:

(A) Modify the frequency at which the device works. The BJC Nexus system works at 868.5 MHz.

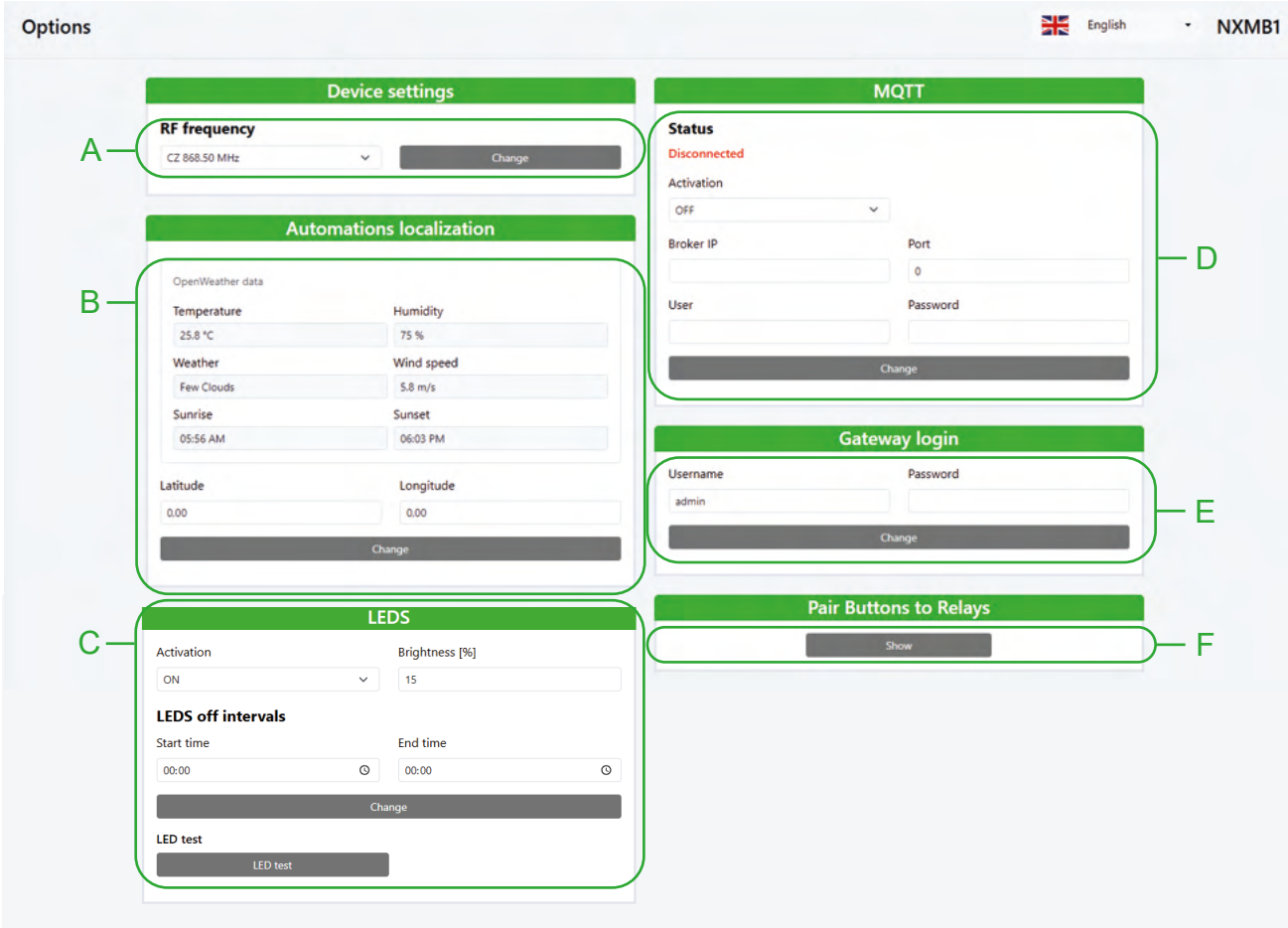
(B) Include a location for automations.

(C) Parameters for the behaviour of the Gateway LED indicators (only for NXLAN-204)

(D) Configure the Gateway to work with MQTT protocol.

(E) Modify the credentials to log in to the Gateway.

(F) View devices linked via RF to the Gateway outputs (only for NXMB-1).



7.1.8. Service

In the "Service" section we can configure our Gateway to connect it in local mode or online mode. We can modify its internal date and time and its location.

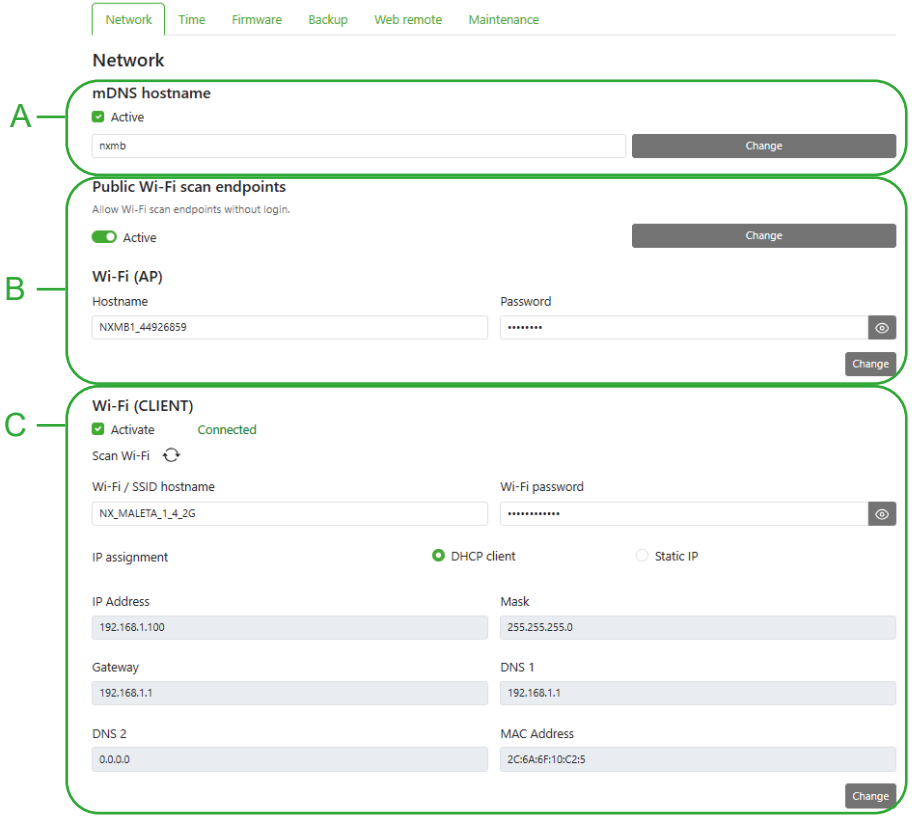
7.1.8.1. Network

From here the following parameters can be configured:

\t(A) Gateway name

\t(B) Wi-Fi hotspot identifier provided by the Gateway and its password

\t(C) Network configuration where the Gateway can connect to be accessed remotely.



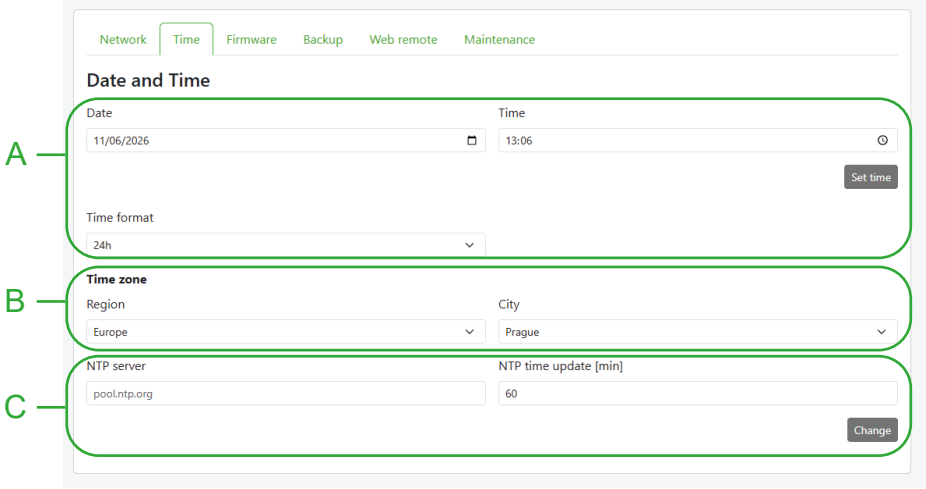
7.1.8.2. Time

From here the following parameters can be configured:

\t(A) Set a date and time manually and choose the time format in which you want it displayed.

\t(B) Set a time zone by indicating a region and city from the available options

\t(C) Indicate an NTP server from where the Gateway time can be synchronised

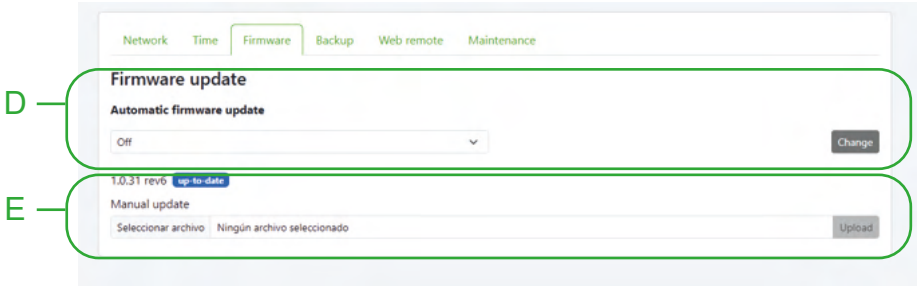


7.1.8.3. Firmware

From here the following options can be performed:

\t(D) Enable the option to update the Gateway firmware automatically as soon as new versions are available. By default it appears as "ON" (recommended option)

\t(E) Update the firmware manually by loading the file with the desired firmware version.

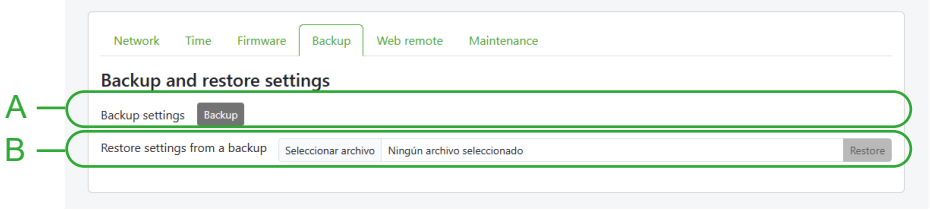


7.1.8.4. Backup

From here the following actions can be performed:

\t(A) Save a backup with the devices, scenes, schedules and automations created in the Gateway.

\t(B) Load a previously saved backup



7.1.8.5. Maintenance

From here the following options can be performed:

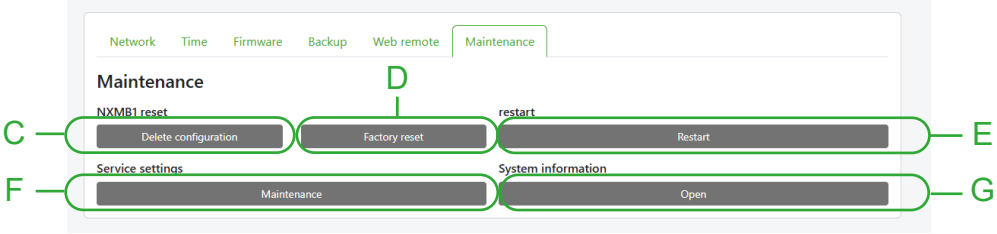
\t(C) Delete the configuration of devices, scenes, schedules and automations included in the Gateway.

\t(D) Perform a factory reset. After this process the credentials and passwords will revert to the defaults and the rest of the information linked to the gateway will be deleted.

\t(E) Restart the Gateway. The Gateway will switch off and on again, maintaining all configured parameters.

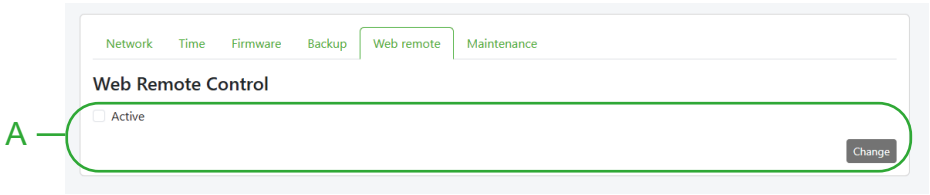
\t(F) Maintenance. Not accessible by the user. This is information for technical support in case of a fault.

\t(G) View system information, including that of the configured devices, rooms and scenes.

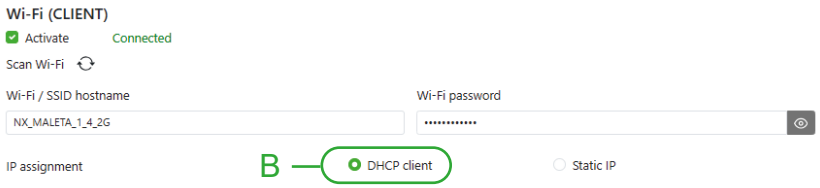


7.1.8.6. Web Remote Control

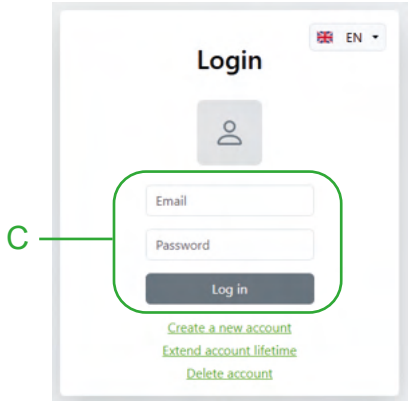
From the Remote web control tab, the Gateway can be configured to be accessed remotely through the web **Web Remote Control by BJC**
\t(A) To do this, select the "Active" field and tap "Change". You will be given a key to identify the device in your WRC account

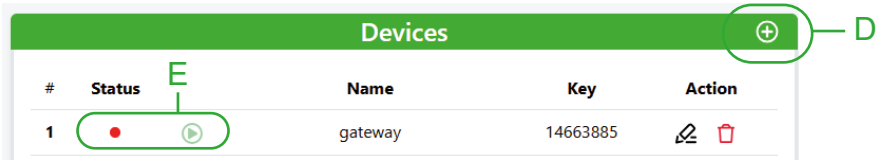


\t(B) Make sure that within the network parameters the dynamic IP field has been selected:



\t(C) Once correctly configured you can create an account within the website **https://wrc.bjc.es**
\t(D) Within your account, you will have the option to add a device by tapping the + symbol
\t(E) Enter the key indicated in point A. The Gateway will appear listed showing its status in green to show it is correctly connected. Tapping the "Play" symbol you can access the interface web of the Gateway remotely (both inside and outside the home)





BJC | nexus

Voice remote control

8. Voice remote control

The BJC Nexus system incorporates wireless connectivity designed to integrate with the most widespread smart home ecosystems, and is compatible with the Google and Amazon Alexa voice control assistants.

This compatibility allows Nexus devices — lighting, blinds and smart plugs — to be managed through voice commands, automated routines and scenes created from Google Home or Amazon Alexa. Thanks to this integration, the user can turn on lights, move blinds or activate devices simply with their voice, both from smart speakers and from the mobile, extending the accessibility and comfort of the system.

Furthermore, the connection with these assistants facilitates the creation of advanced automations that combine devices from different brands within the same environment, making BJC Nexus fit naturally into homes that already use Google or Alexa as a control hub.

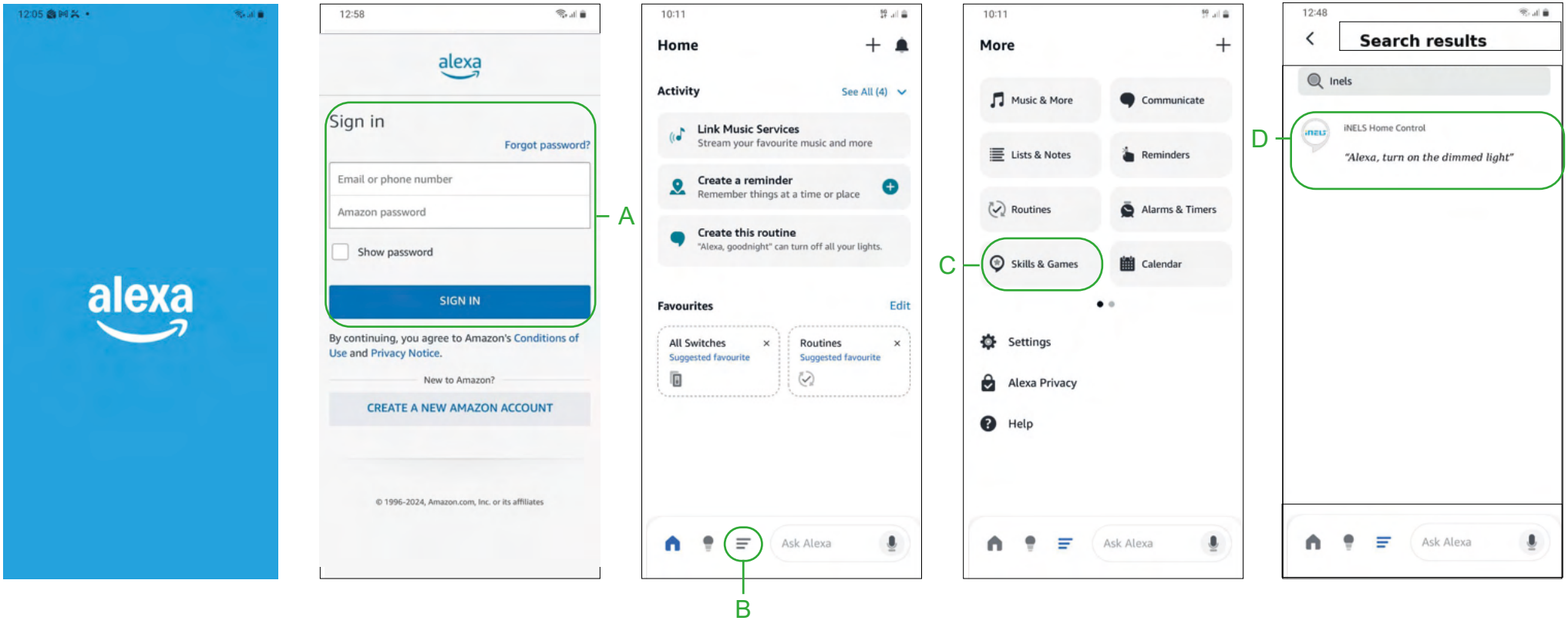
8.1. Requirements for configuring the BJC Nexus account with Amazon Alexa

To be able to integrate a BJC Nexus account with Amazon Alexa the following is needed:

- Active BJC Nexus account
- Amazon account to use with Echo / Alexa
- Amazon Alexa application installed on the mobile (Android or iOS)
- Stable internet connection
- BJC Nexus devices configured and assigned to a room

8.1.1. Configuring the BJC Nexus account with Amazon Alexa

(A) Open the "Amazon Alexa" app on your mobile and log in with your Amazon account
(B) In the Alexa App, tap "More"
(C) Go to "Skills & Games".
(D) In the search bar type "INELS Home Control" and select the skill from the results



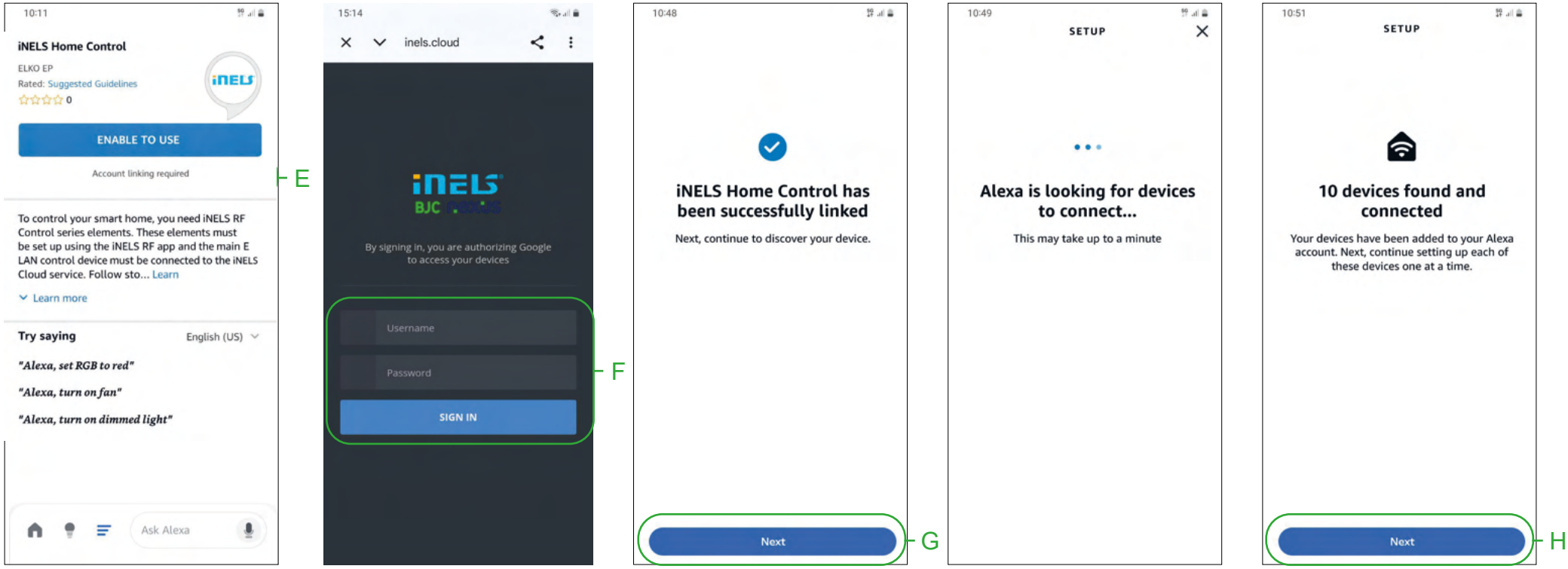
Configuring the BJC Nexus account with Amazon Alexa (continued)

(E) Once the iNELS Home Control page is open, tap "Enable" to activate the skill.

(F) A new screen will open asking us to link our "BJC Nexus" account. We enter our BJC Nexus account credentials and tap "Sign In"

(G) Our account will then be linked and a confirmation message will appear. We tap "Next"

(H) The devices assigned to our account will be added to the Amazon Alexa application. We tap "Next" to continue with their configuration



Configuring the BJC Nexus account with Amazon Alexa (continued)

(I) Next a list of added devices to configure will appear. We select the device we want to configure.

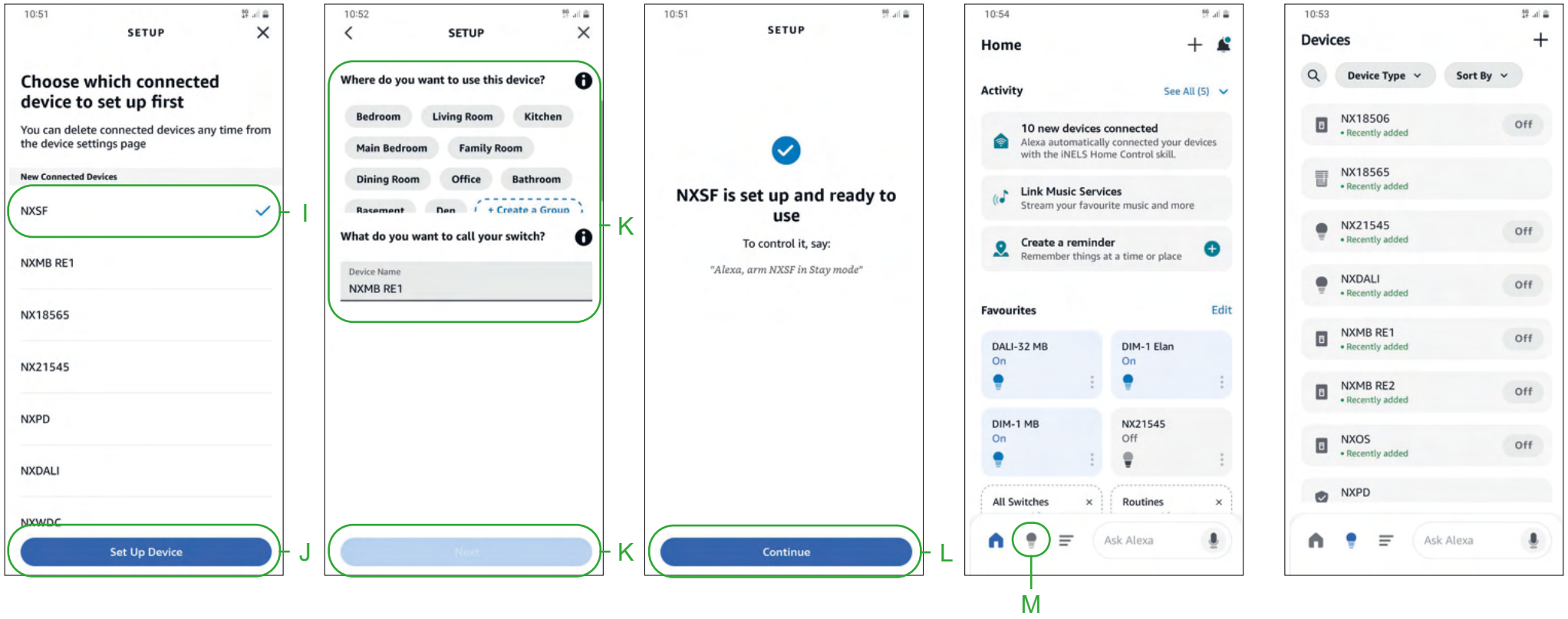
(J) We tap "configure device"

(K) Within the configuration menu we will be asked where we want to place it, and how we designate the device. We select the room, write the device name and indicate "Next".

(L) A confirmation message will appear. We tap "Continue"

(M) Once all are configured we can access the devices from the device menu

From the device menu, we can control each of the devices, edit them, change their name or location. The devices are also ready to be controlled via voice remote control.



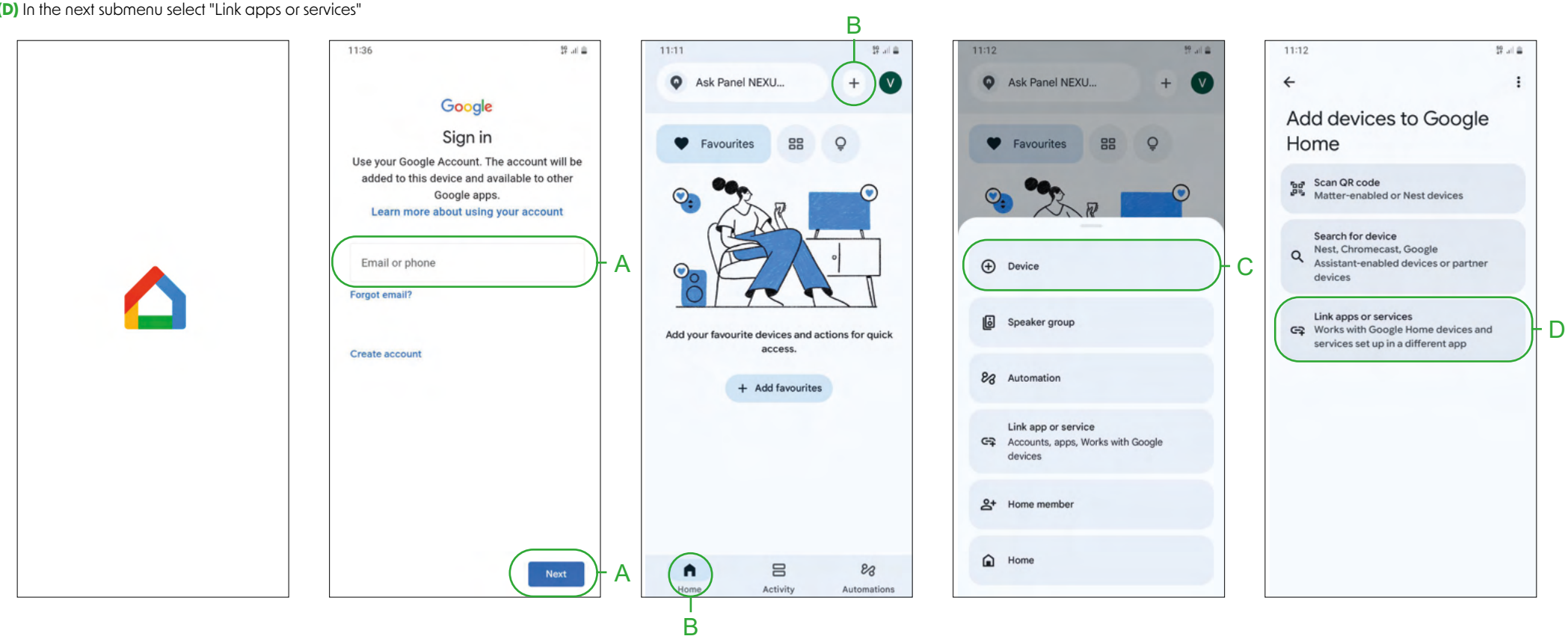
8.2. Requirements for configuring the BJC Nexus account with Google Home

To be able to integrate a BJC Nexus account with Amazon Alexa the following is needed:

- Active BJC Nexus account
- Google account to use with Google Home
- Google Home application installed on the mobile (Android or iOS)
- Stable internet connection
- BJC Nexus devices configured and assigned to a room

8.2.1. Configuring the BJC Nexus account with Google Home

(A) Open the "Google Home" app on your mobile and log in with your Google account
(B) In the app, go to the "Home" submenu and tap the symbol + .
(C) From the expanded options tap "Devices"
(D) In the next submenu select "Link apps or services"



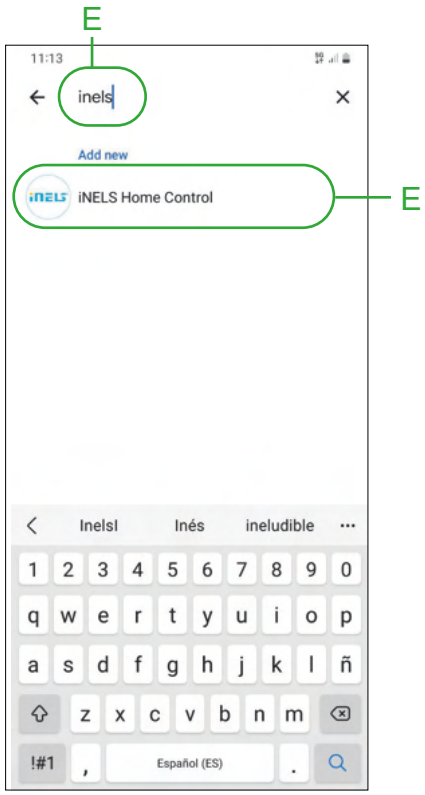
Configuring the BJC Nexus account with Google Home (continued)

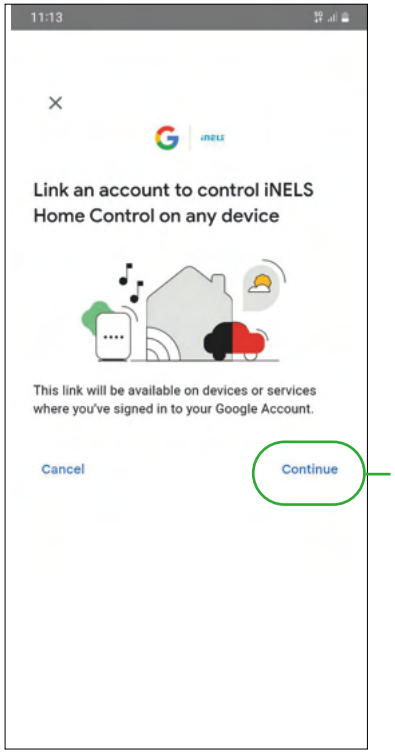
(E) In the search bar type "Inels" for the "Inels Home Control" Skill to appear. Select it.

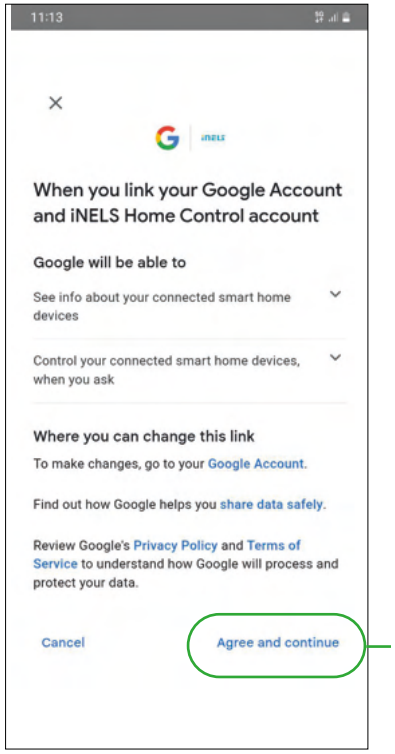
(F) You will then be informed that your BJC Nexus account will be linked with Google Home. Indicate "Continue"

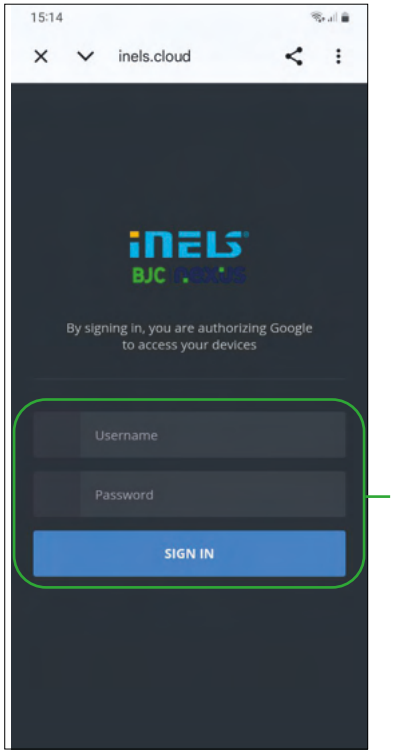
(G) You will then be asked to accept the "Privacy Policy" and "Terms of Use" of the application. Tap "Accept"

(H) The next screen will request your BJC Nexus account credentials to link it to Google Home. Enter the details and tap the "Sign In" button.







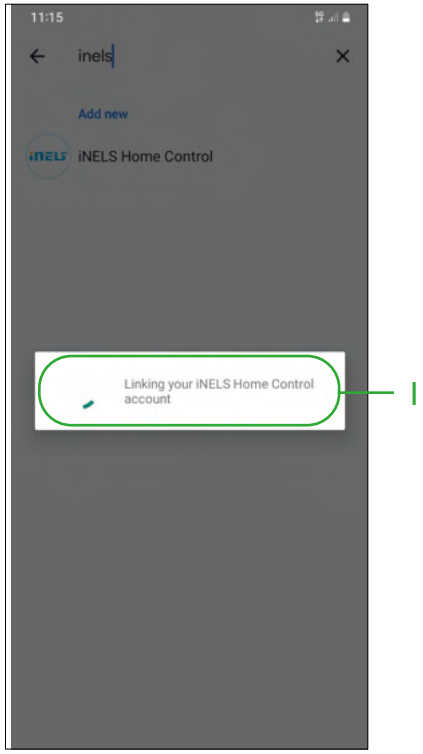


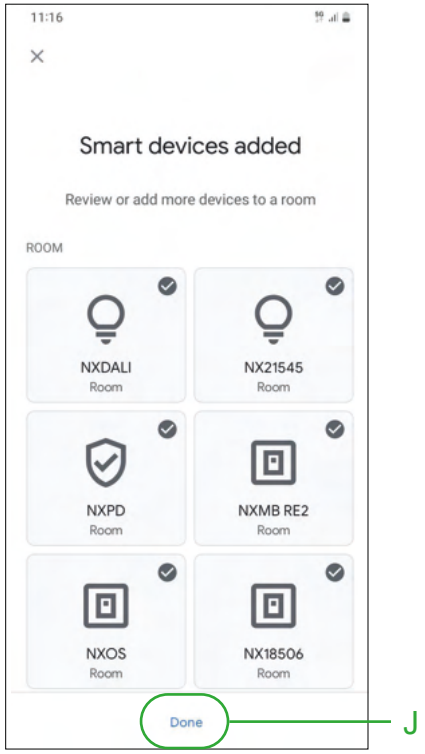
Configuring the BJC Nexus account with Google Home (continued)

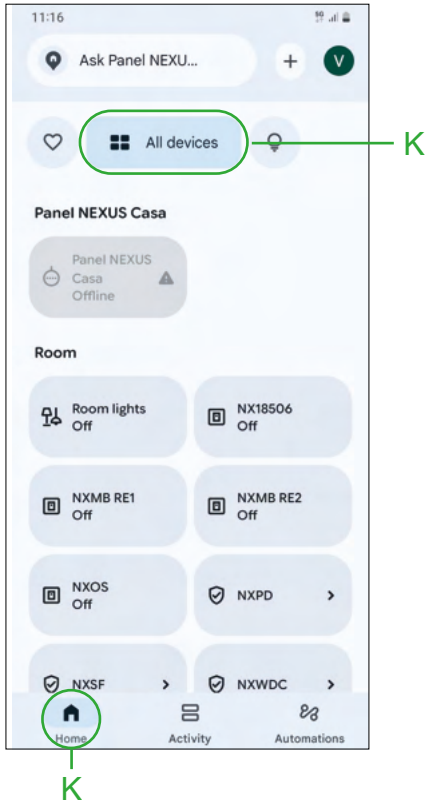
(I) The application will proceed to link the devices in your BJC Nexus account with your Google Home account.

(J) Once the linking is complete, you will receive a message indicating the operation was successful and the added devices will appear in the Google Home app. Tap the "Done" button

(K) You can now access these devices from the "Home" menu in the "All devices" section. From here, you can edit them according to your preferences. The devices are also ready to be controlled via voice remote control.







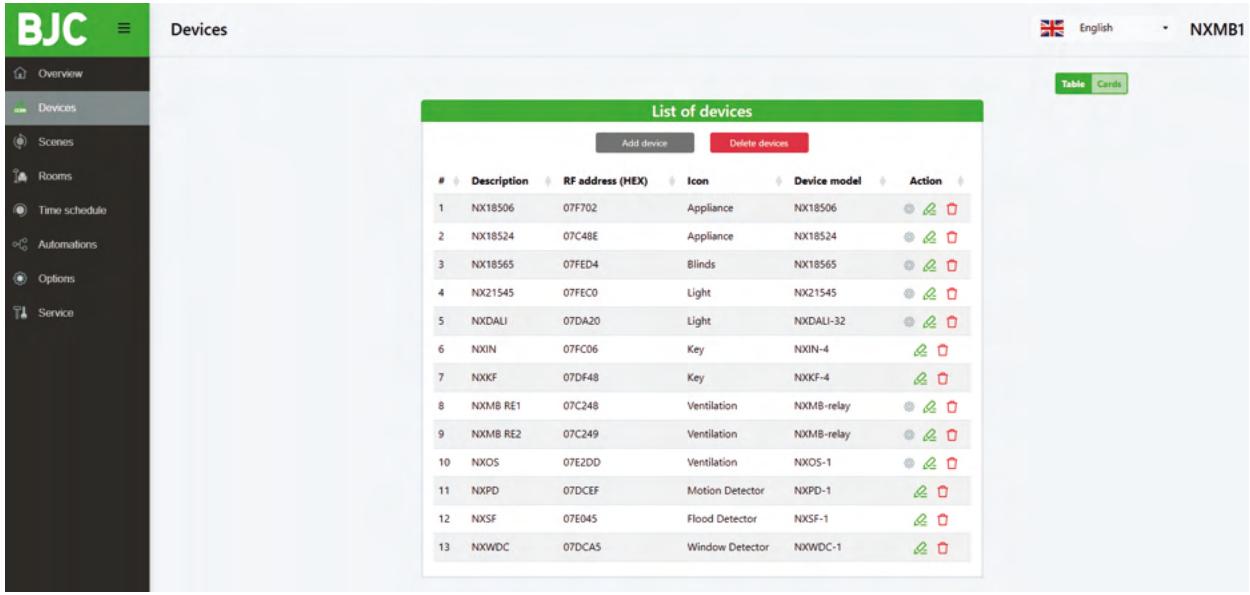
BJC | nexus

Installer guide

9.1. Steps for configuration by an installer

The BJC Nexus system allows the installation of the system without needing an account or a router. Once the components are installed to configure the system, follow these steps:

1. Access the Gateway web interface from a browser. Note down the new password assigned to the gateway. See section **7. Access to the web interface**
2. From the "Devices" section, add the devices included in the system. Remember to note down all the RF addresses of the devices to have them handy at this step. At this point it is not necessary for the devices to be previously installed or connected; only the Gateway. See section **7.1.2. Devices**
3. From the "Rooms" section you can organize the different areas of the home to assign devices to each one. See section **7.1.4. Rooms**
4. If scenes need to be added, access the "Scenes" section to create them. See section **7.1.3. Scenes**
5. If automation rules need to be added, access the "Automations" section to create them. See section **7.1.6. Automations**
6. If time schedules need to be added, access the "Schedules" section to create them. See section **7.1.5. Schedules**
7. Once configured, and the devices installed and connected, you can check from the web interface the different devices, scenes, time schedules and automations to verify that everything has been configured correctly.
8. Finally, change the password of the Wi-Fi network and the gateway credentials, if desired. The end user needs the following information:.
   - Wi-Fi name generated by the Gateway and its password.
   - Username and password to access the Gateway.
   - Summary of devices, rooms, time schedules, scenes and automations included in the Gateway.



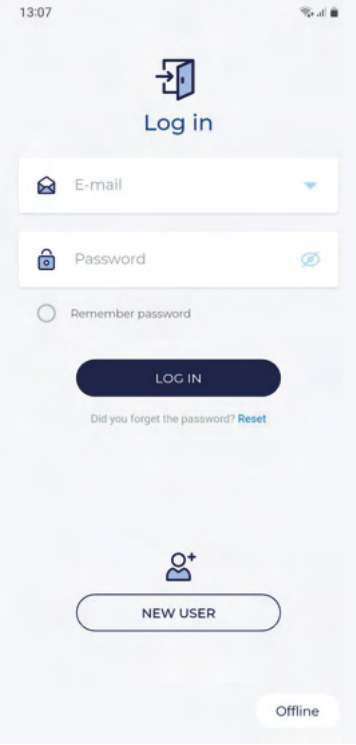
9.2. Steps to complete installation by the end user

Once the installer has completed the installation and configuration of the BJC Nexus system, the user can finalize it by linking the gateway to their home router. For this they need:

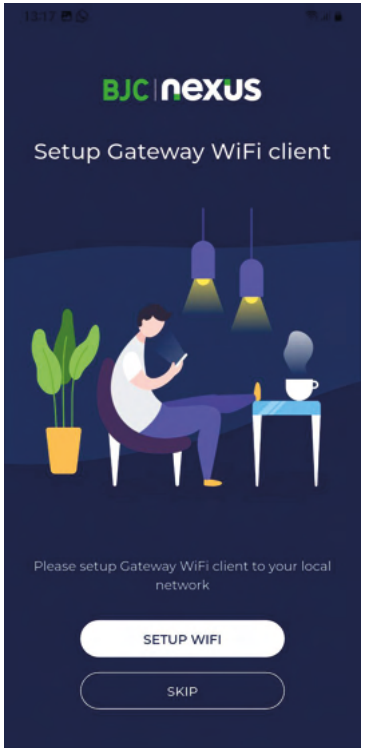
1. Gateway password and credentials
2. Credentials of the Wi-Fi generated by the router (ensure it is 2.4GHz)
3. A BJC Nexus account See section **3. Registration**

To complete the installation the user must add the gateway in online mode. See section **5.2. Add a gateway in online mode**

Once the gateway has been added, the devices, rooms, scenes, automations and time schedules configured by the installer will be visible from the app.



See section **3. Registration**



See section **5.2. Add a gateway in online mode**

BJC | nexus

BJC Nexus Cloud

10. Log in to BJC Nexus Cloud

From BJC Nexus Cloud you can access your BJC Nexus account from a browser and manage the homes and devices assigned to you.
NOTE: For devices to be visible in BJC Nexus Cloud, they must first be assigned to a room.

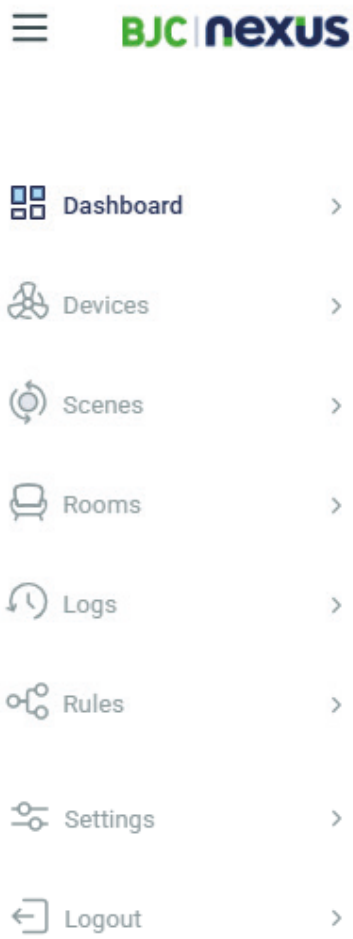
To access BJC Nexus Cloud go to the website: https://bjcnexus.cloud

(A) To be able to log in, enter the email address assigned to your account and your password

(B) Once the account credentials have been entered, tap Log in

10.1. BJC Nexus Cloud menu

Within BJC Nexus Cloud we have access to the following sections



Control panel: From here you can control the different devices or create a custom panel

Devices: List of devices and gateways installed in our homes

Scenes: List of scenes configured in our homes

Rooms: List of rooms configured in our homes, indicating the devices assigned to each one

Logs: Here you can find a log of the status changes of our devices

Rules: From here we can organise automation rules that affect devices connected to different Gateways. These rules can only be executed when the gateways are connected to the cloud and do not appear in the App. They also allow sending notifications to our account email or to our BJC Nexus App.

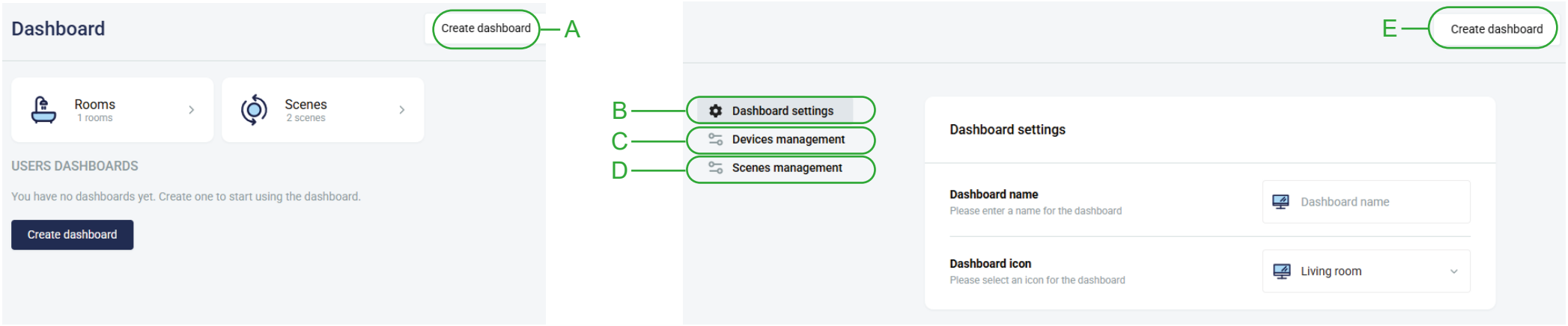
Settings: From here you can add users to our account and change the language

10.2. Control panel

From here you can control the different devices assigned to the account. Apart from having them classified by rooms and scenes, you can create custom panels.

(A) To create a custom panel tap the "Create Panel" button
(B) In "Panel Configuration" you can enter the panel name you want to identify it with and an icon to represent it
(C) In "Device management" you can select the devices you want to add to the panel
(D) In "Scene management" you can select the scenes you want to add to the panel
(E) Once selected, tap "Save panel" for it to appear listed in the main Control panel menu

(F) Once saved, in the panel devices you can switch between controlling them and viewing their history by tapping the icon that appears at the top right

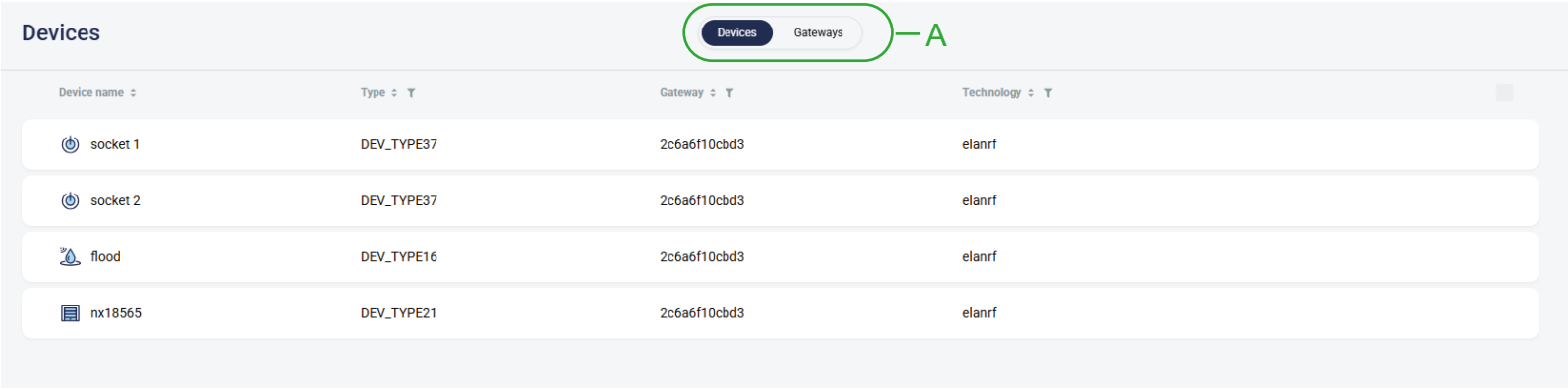


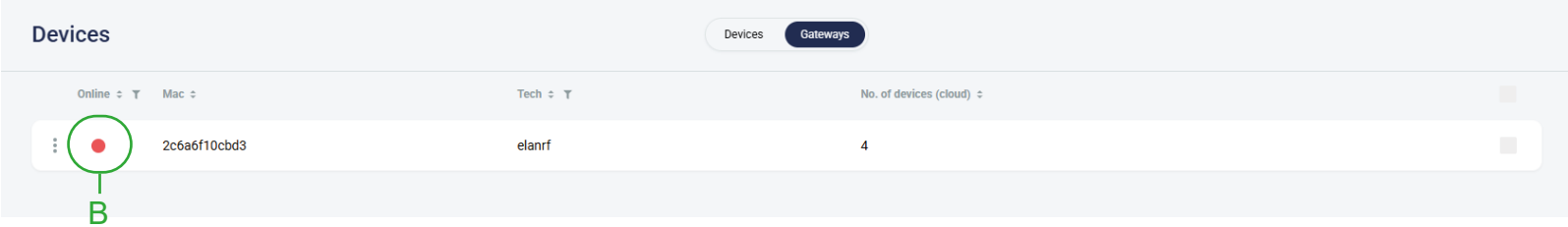
10.3. Devices

From the "Devices" menu you can see the devices assigned to your account and which Gateways they are assigned to. New devices cannot be added from BJC Nexus Cloud, only viewed.

(A) From this button you can switch between the device list and the list of Gateways linked to your account

(B) The connection status can be seen indicated with a green symbol if connected or red if not

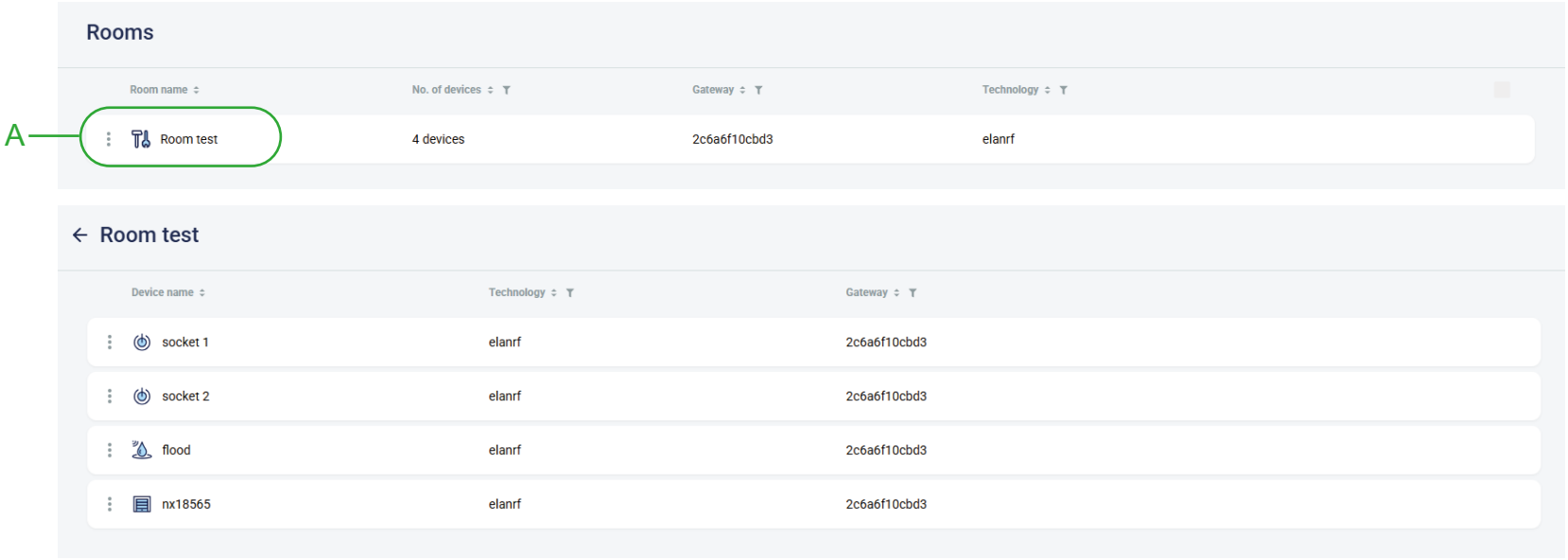




10.4. Rooms

From the "Rooms" menu you can see the rooms assigned to your account and which Gateways they are assigned to. New rooms cannot be added from BJC Nexus Cloud, only viewed.

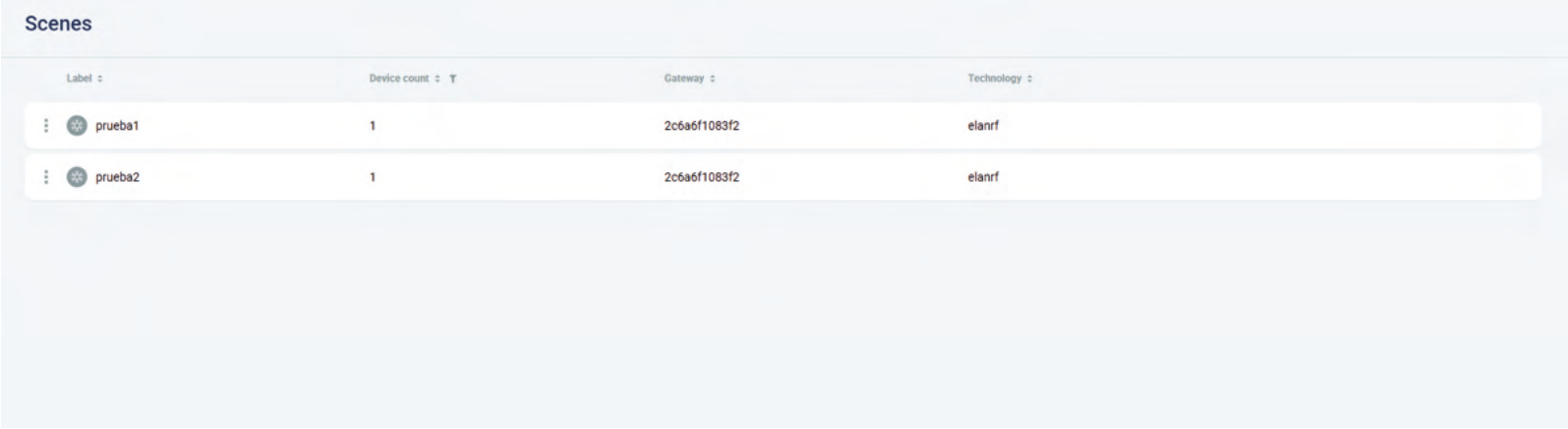
(A) Tap the room to see the devices included in it.



10.5. Scenes

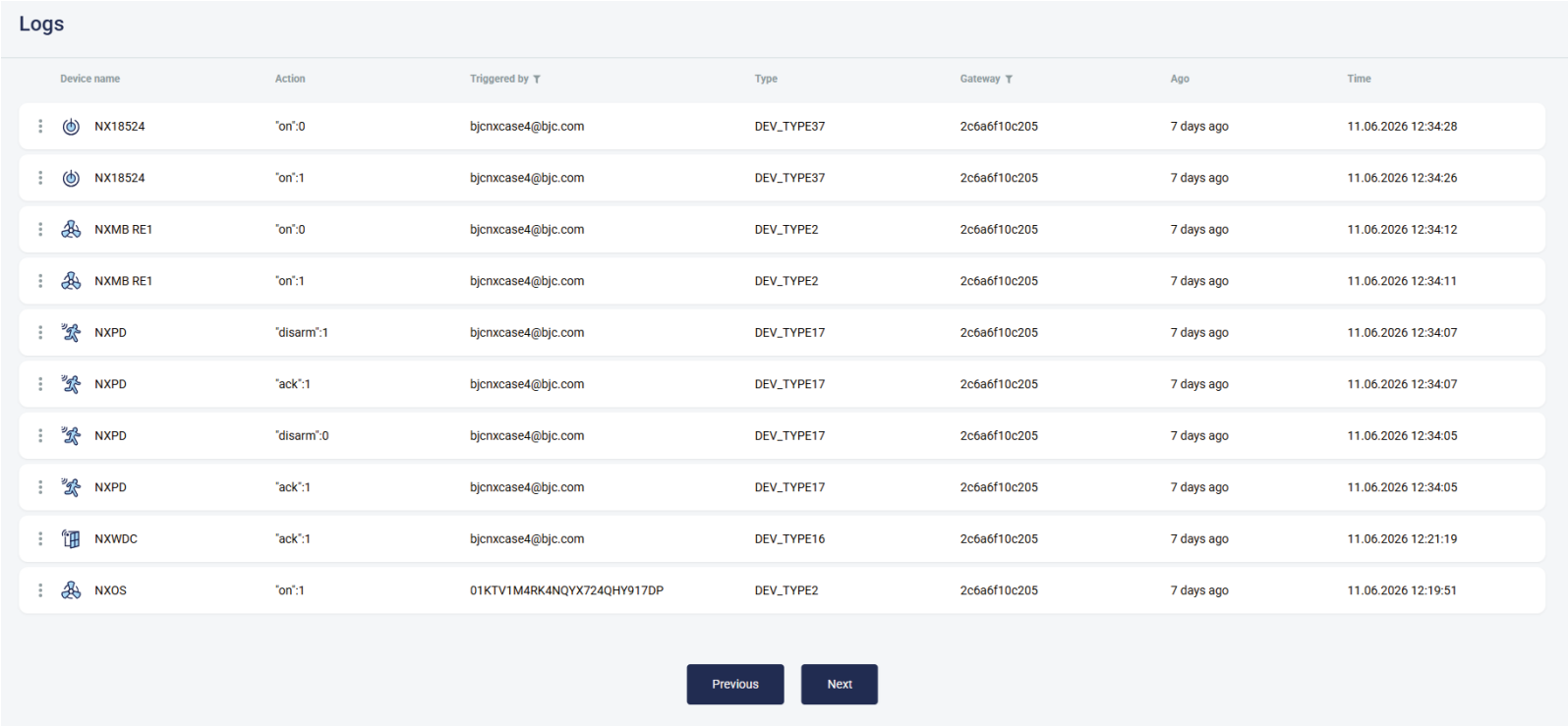
From the "Scenes" menu you can see the scenes assigned to your account and which Gateways they are assigned to.

New scenes cannot be added from BJC Nexus Cloud, only viewed.



10.6. Logs

Here you can find a log of the status changes of the devices assigned to your account

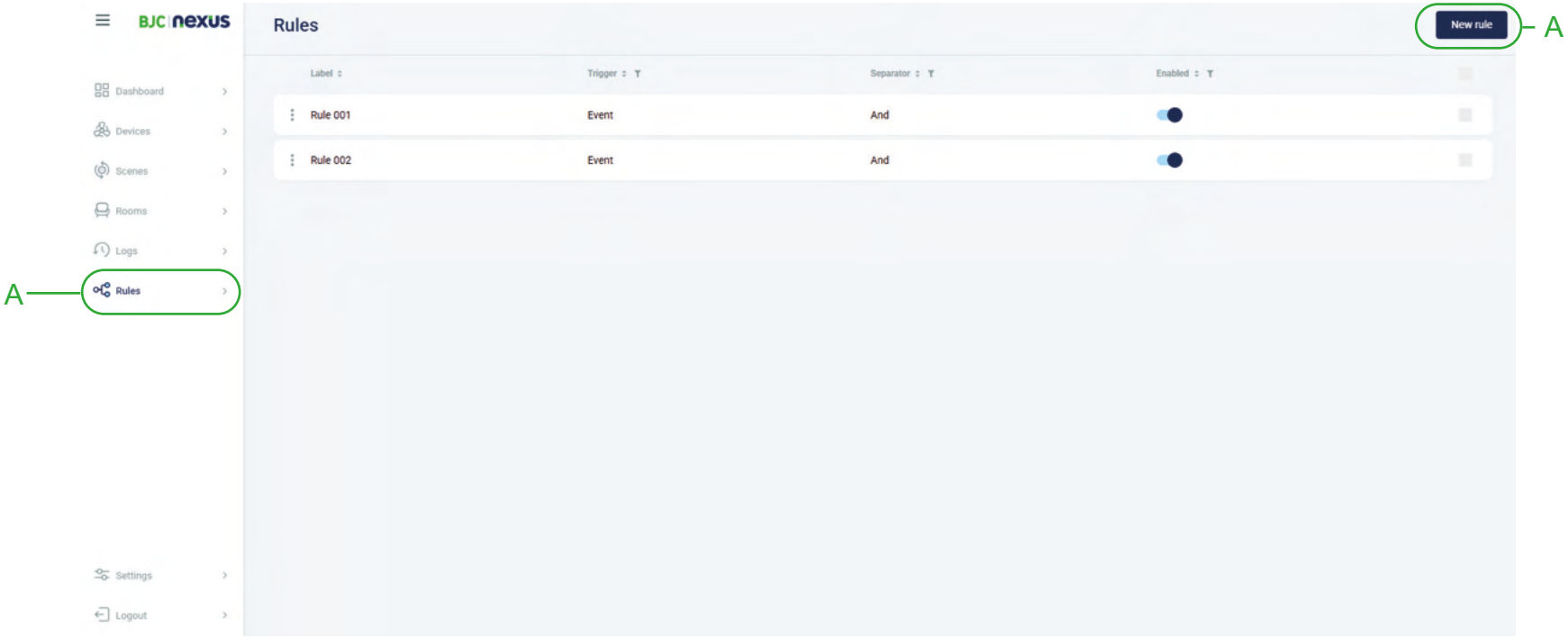


10.7. Creating rules in BJC Nexus Cloud

The rules created in BJC Nexus are different from the automation rules created in the App. The rules created in the App cannot be seen on the BJC Nexus Cloud website, and the rules created in BJC Nexus Cloud cannot be seen from the App. For the rules created in BJC Nexus Cloud to work, the BJC Nexus system must be connected to the cloud through a router.

The rules created in BJC Nexus Cloud allow the interaction of devices linked to different Gateways, as well as sending notifications to the email or App of your BJC Nexus account

(A) To create a new rule go to the "Rules" section and select "New rule"



Creating rules in BJC Nexus Cloud (continued)

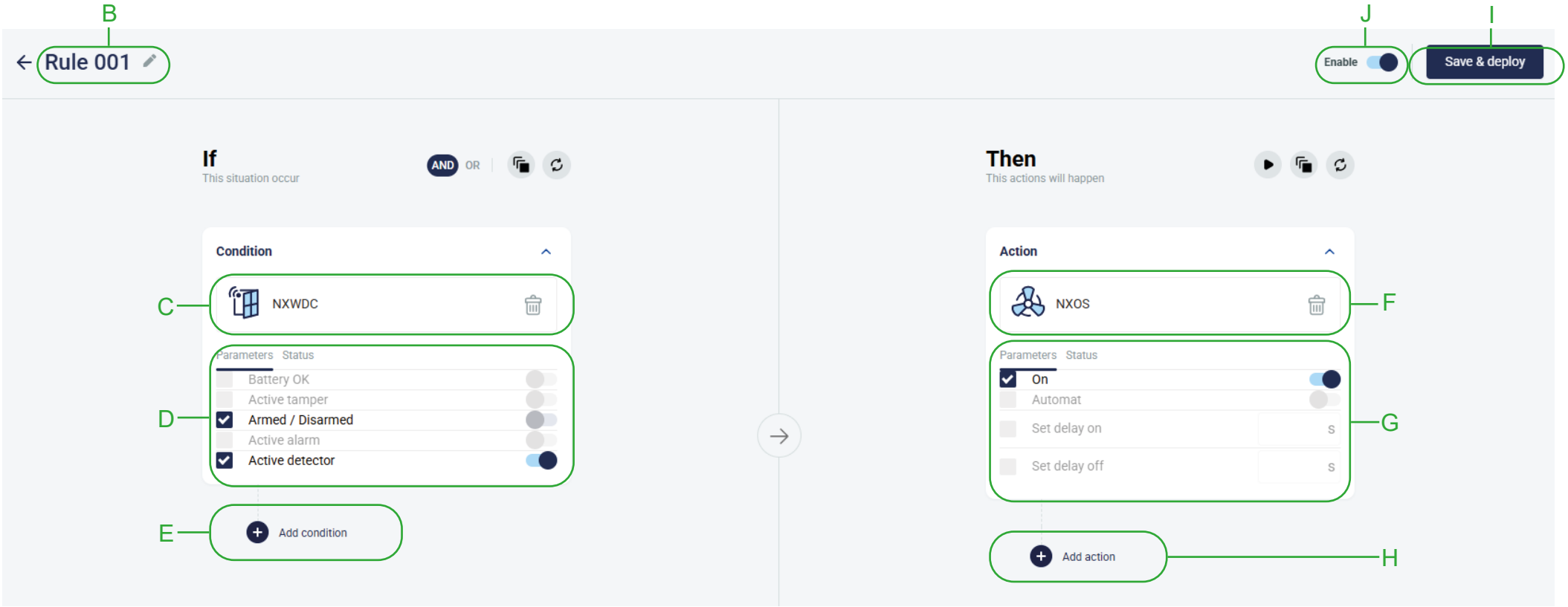
(B) We write the name we want to give to the new rule

(C) We select the device that will generate the condition that will trigger the rule
(D) We also select the status that the device must meet to start the rule
(E) If the rule can be started by the behaviour of two or more devices we tap "Add condition" to indicate the new conditions

(F) Once the rule conditions are defined, we select the device that will execute the action
(G) We select the action that this device will perform
(H) If the rule has to act on several devices we tap "Add action". If we also want to add notifications we would also do it by tapping this button

(I) Once we have completely defined the rule, we tap the "Save and compile" button

(J) From the "Enable" selector we can define whether the rule runs or if we simply have it saved to enable it in the future



10.7.1 Creating rules in BJC Nexus Cloud. Notifications

If we want the rule to generate a notification we can find the corresponding menu by tapping "Add action"

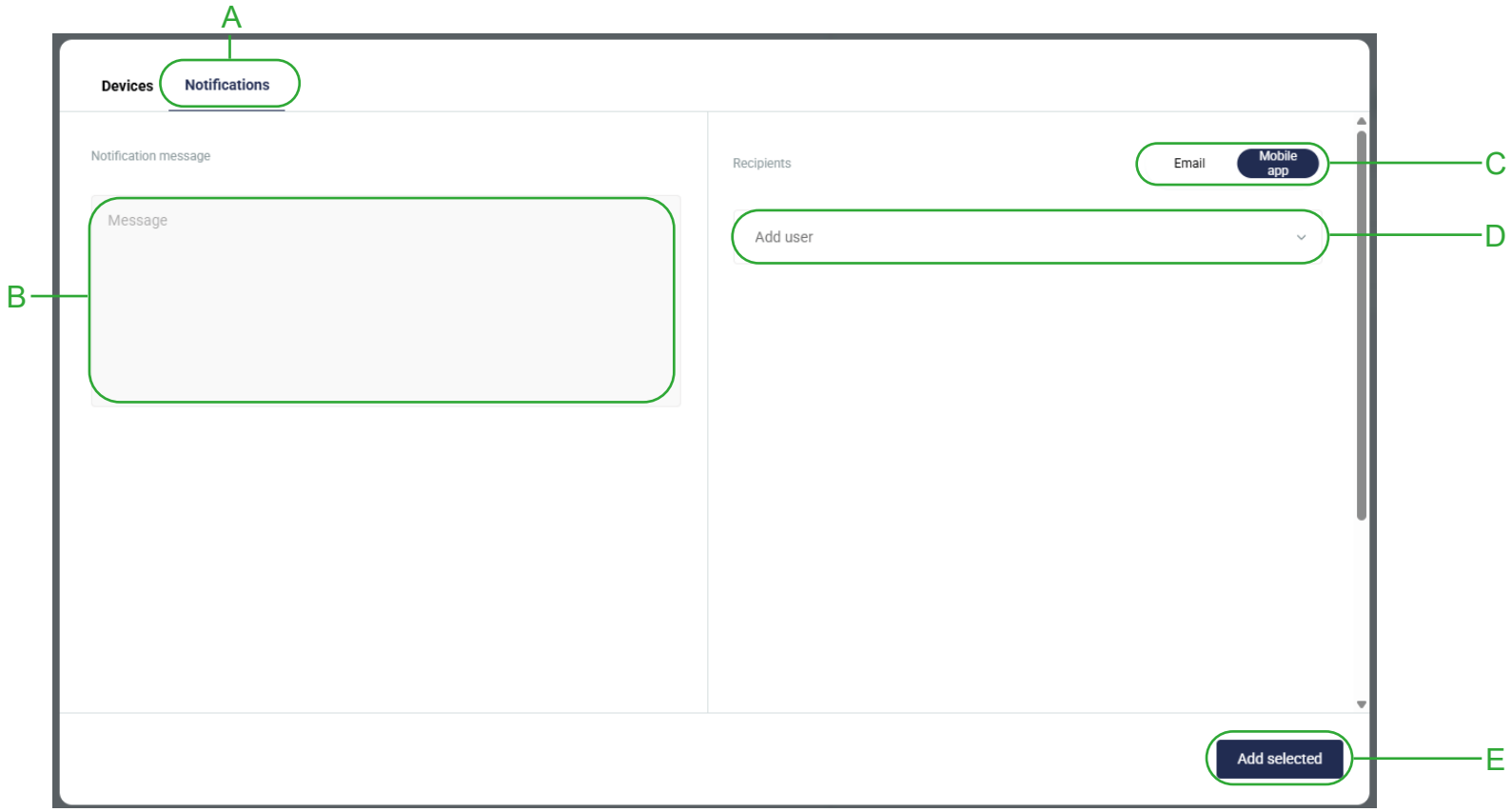
(A) We select the "Notifications" section

(B) We write the text we want to receive when the notification is sent

(C) We select how we want to receive the notification: via email or via a notification to the BJC Nexus App

(D) We select the user included in our account who will receive the notification

(E) We tap "Add selected" and continue with the definition of the rule



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Frequently asked questions

The Gateway does not connect to my router's Wi-Fi
Make sure the Wi-Fi network is 2.4GHz.

I cannot connect to the Gateway via IP address
Make sure the Wi-Fi your device is connected to is the one generated by the Gateway and that the credentials have been entered correctly. When trying to access a network without internet from a mobile, a connection confirmation message usually appears, which you must tap "Accept"

After adding my device / creating my scene / creating my automation I cannot control it / run it
Once devices/scenes/automations are added, a gateway restart is requested to apply the changes. A restart can be triggered from the App in the "account/gateway management" section by selecting the corresponding gateway and tapping "restart" in its submenu. Remember that to run scenes it is not done from the account menu; it must be added to the Summary menu for the run icon to appear.

When trying to add a device to a scene or automation it does not appear among the selectable devices
Make sure the device is assigned to the Gateway where you want to create the scene/automation. Devices located in different Gateways cannot be selected.

How to perform a router change
In case of a router change, the home gateway must be re-linked to the network provided by the new router, following the steps in section 5.2. The entire home structure (devices, rooms, scenes, schedules and automations) is maintained after the process is completed.

How to avoid losing my home structure in case the Gateway is damaged
To avoid losing the structure of a home if the Gateway is damaged and having to reconfigure it, it is recommended to make a backup. This way, the backup can be imported to the new Gateway and after re-linking it to the network, the structure will be maintained.

If a device is damaged and I replace it with a new one, is it necessary to recreate the scenes and automations where it was included?
A device can be changed without deleting the scenes and automations where the damaged device was included. To do this, go to the Devices section and edit the damaged device to include the new RF address of the new device. If instead the device is deleted, then the scenes and automations where it was included will also be deleted.

Some devices do not appear in BJC Nexus Cloud or in the Amazon Alexa and Google Home applications
Make sure the devices are assigned to a room.

Legal information

1. Product Use BJC Nexus has been designed for use in residential and commercial environments. The user undertakes to use it in accordance with the manufacturer's instructions and the regulations in force regarding electrical safety, telecommunications and data protection. Any use other than intended may void the warranty and release the manufacturer from liability.

2. Safety and Liability The manufacturer is not liable for damages arising from: - Incorrect installations or those carried out by unauthorised personnel. - Tampering, modifications or unapproved repairs. - Improper use of the system or integration with incompatible devices. The user is responsible for ensuring that the installation meets the applicable technical and legal requirements in their region.

3. Data Protection This system may collect and process data necessary for its operation, such as activity logs, configurations or information from connected devices. The user is responsible for: - Informing third parties about the existence of monitoring or recording devices, where applicable. - Adequately configuring privacy options. - Complying with current regulations on data protection (for example, the General Data Protection Regulation – GDPR). The manufacturer does not access personal data unless the user grants explicit consent for remote support or update services.

4. Software and Firmware Updates The manufacturer may provide updates to improve the security, performance or functionality of the system. The user is responsible for keeping the device updated. Failure to update may affect the operation and security of the system.

5. Limitation of Liability To the extent permitted by law, the manufacturer shall not be liable for indirect losses, consequential damages, data loss or service interruptions arising from the use of the system. The user accepts that the operation of the system may depend on external factors such as the power grid, internet connection or third-party services.

6. Registered trademarks