ZennioRemote

Remote Control Application for Zennio Devices

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USER MANUAL

Document version: 2.12_a

www.zennio.com

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CHANGELOG

ZENNIO REMOTE

App. Version	Changes
1.0.10	Initial version
1.1.1	QR pairing
1.2.0	Profile accounts
1.2.3	Direct access to pairing with alphanumeric code
1.3.0	Updated list of supported languages
1.4.0	Updated list of supported languages
2.3.0	Added button to access remote control demo
2.4.0	Added Help Center
2.5.0	Moved LogIn/User to top right corner
2.6.0	Added option to mute remote control sounds
2.10.0	Added option to access voice control device configuration
2.10.3	Integration of the Zennio Remote and ZenVoice manuals
2.12.0	Added “Dimmable light (color temperature)” to voice control devices

1 INTRODUCTION

The new generation of Zennio touch screens incorporates both a remote control feature and a voice control feature, allowing interaction with them from any compatible iOS or Android mobile device, as well as from compatible voice assistants.

Zennio Remote is the mobile solution intended to provide ubiquity and universality to the smart home control, allowing to manage multiple touch screens without the need to be physically present at the installation site. In addition, with the integration of ZenVoice, a management interface is also provided that enables compatible touchscreen controls for use via a Skill on Amazon Alexa or a Google Action on Google Home.

This document is provided as a reference guide for the use of the mobile application and the configuration of voice devices. Because the mobile application replicates the touchscreen interface, it is recommended to consult the particular touchscreen manual for specific information on the operation of the controls provided by the touchscreen.

2 INSTALLATION

Zennio Remote is available for download and installation in Google Play, for Android version, as well as Apple Store for iOS version.

2.1 ANDROID/IOS SUPPORTED VERSIONS

The supported OS versions for Zennio Remote are:

- Android 10 or later (with Google Play Services)
- iOS 15 or later

2.2 MINIMUM REQUIREMENTS

In order to ensure the proper operation of the application and use of *ZenVoice*, the following requirements are mandatory:

- **Stable Internet connection:** both in the mobile device as well as in the touch screen to be controlled.
- **Allow notifications:** make sure that *Zennio Remote* can send notifications on the mobile device.
- **Valid licence:** have a valid license on the touch screen that allows remote control of the device. To use *ZenVoice*, a voice control license will also be necessary.
- **Compatibility of Zennio devices with ZenVoice:**
  - Z70v2 3.4 or higher for Alexa compatibility.
  - Z70v2 3.5 or higher for Google Home compatibility.
  - Z50 3.6 or higher.
  - Z100 3.6 or higher.

***Note**: The mobile application does not require any additional permission for its proper operation.*

2.3 TRANSLATIONS

The application is available in the following languages: English, Spanish, French, German, Italian, Portuguese, Greek and Russian.

2.4 ANDROID/IOS INSTALLATION

The application is available from Google Play (Android) y App Store (iOS) application stores.

Once the application has been located, click on “Get” (iOS) / “Install” (Android) to download and install *Zennio Remote* in your device.

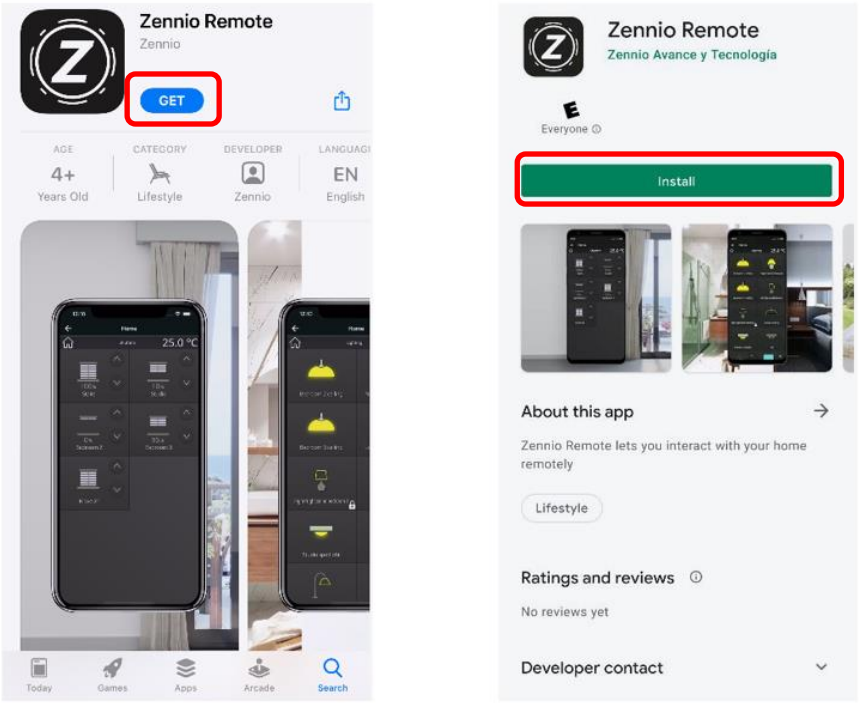

Figure 1. Installation of Zennio Remote on iOS and Android

3 MAIN FEATURES

During the first run of *Zennio Remote*, the End User License Agreement (EULA) will be displayed, which must be accepted in order to use the application:

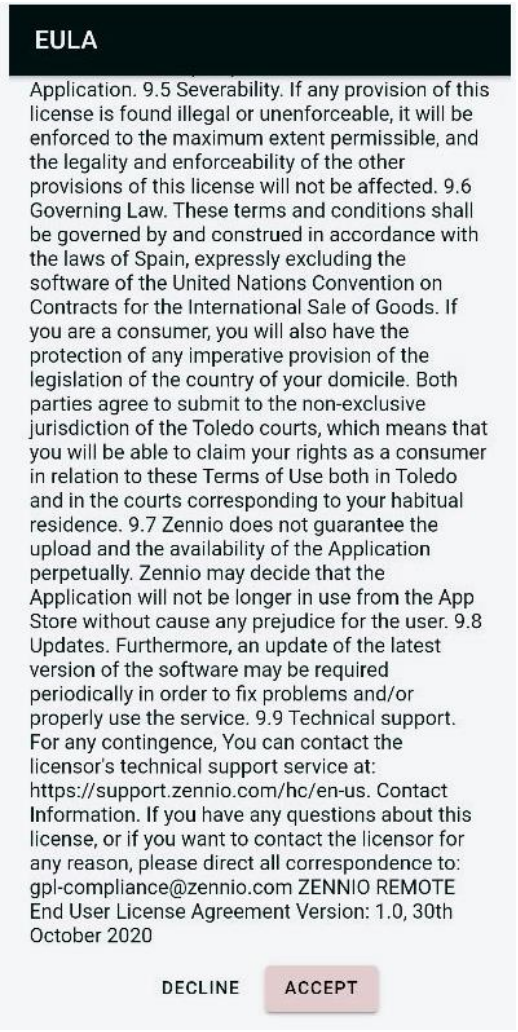

Figure 2. End-User License Agreement (EULA)

NOTE: *Use of the application is conditioned upon acceptance of the terms and conditions contained in the licence agreement. If they are not accepted, the application will not allow remote visualisation or control of any touch screen.*

Once the legal terms and conditions have been accepted, the main screen of the application is displayed with the following options:

1. Create user account
2. Login with user account
3. Access without user account (ephemeral account)

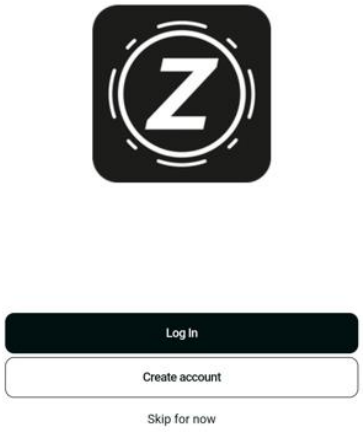

Figure 3. Landing page

3.1 ACCOUNT CREATION

The account creation page consists of a form where you must enter your email and a password. The latter must be confirmed to ensure correct spelling. By default, the text of the passwords is not shown, but it is possible to display them using the eye button.

It is mandatory that the user accepts the privacy policy and terms of service by activating the associated checkbox on the form. Both documents have their own direct access to their content.

The form also includes a button to perform the user account creation actions, which will be enabled once the data is entered.

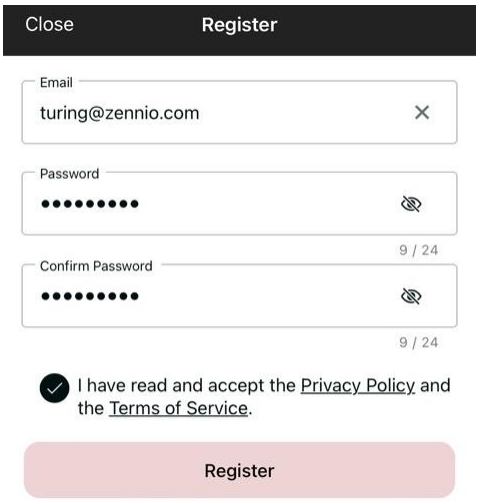

Figure 4. Account creation page

After creating the account the user is redirected to the login page.

3.2 LOGIN WITH USER ACCOUNT

The login page consists of a form where you must enter your email and a password. The latter must be confirmed to ensure correct spelling. By default, the text of the passwords is not shown, but it is possible to display them using the eye button.

The form also has a button that performs the login action, which is enabled once the required data is entered.

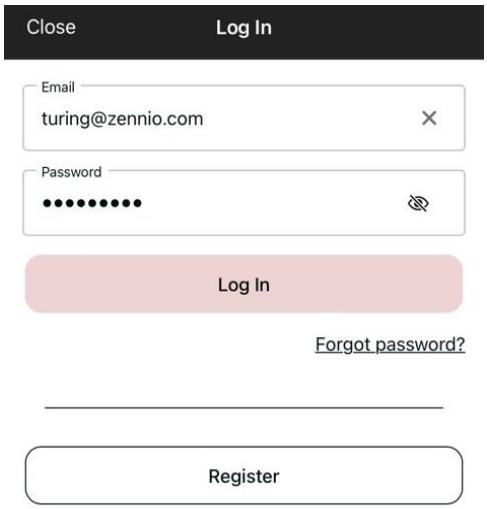

Figure 5. Login page

Additionally, the page provides access to other features:

- Access without user account (ephemeral account)
- Password recovery
- User account creation

3.3 PASSWORD RECOVERY

The password recovery page consists of a form where you must enter your email. The form also has a button, which is enabled once the required data is entered, that performs the password recovery action.

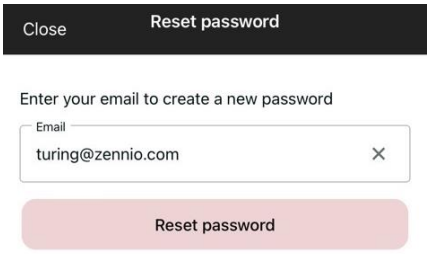

Figure 6. Password recovery page

After tapping the button, a verification code is sent to the entered e-mail address and the user is redirected a new page with a second form.

In this form it is necessary to enter the verification code and the new password. The latter must be confirmed to ensure its correct spelling. The default passwords are not shown by default, but it is possible to display them if the user wishes. This form also has a submit button to update the password of the user account.

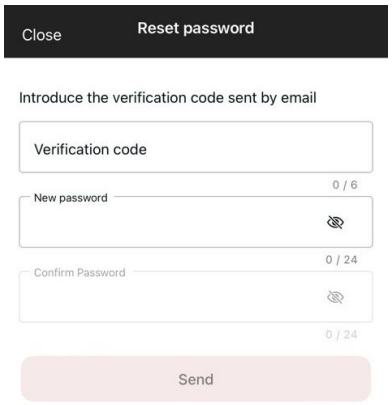

Figure 7. Password reset page

After the password reset action, the user is redirected to the login page.

3.4 MAIN PAGE

The main page of the application is displayed once the user accesses from the home page, either after logging in with a user account, or accessing without a user account (ephemeral account).

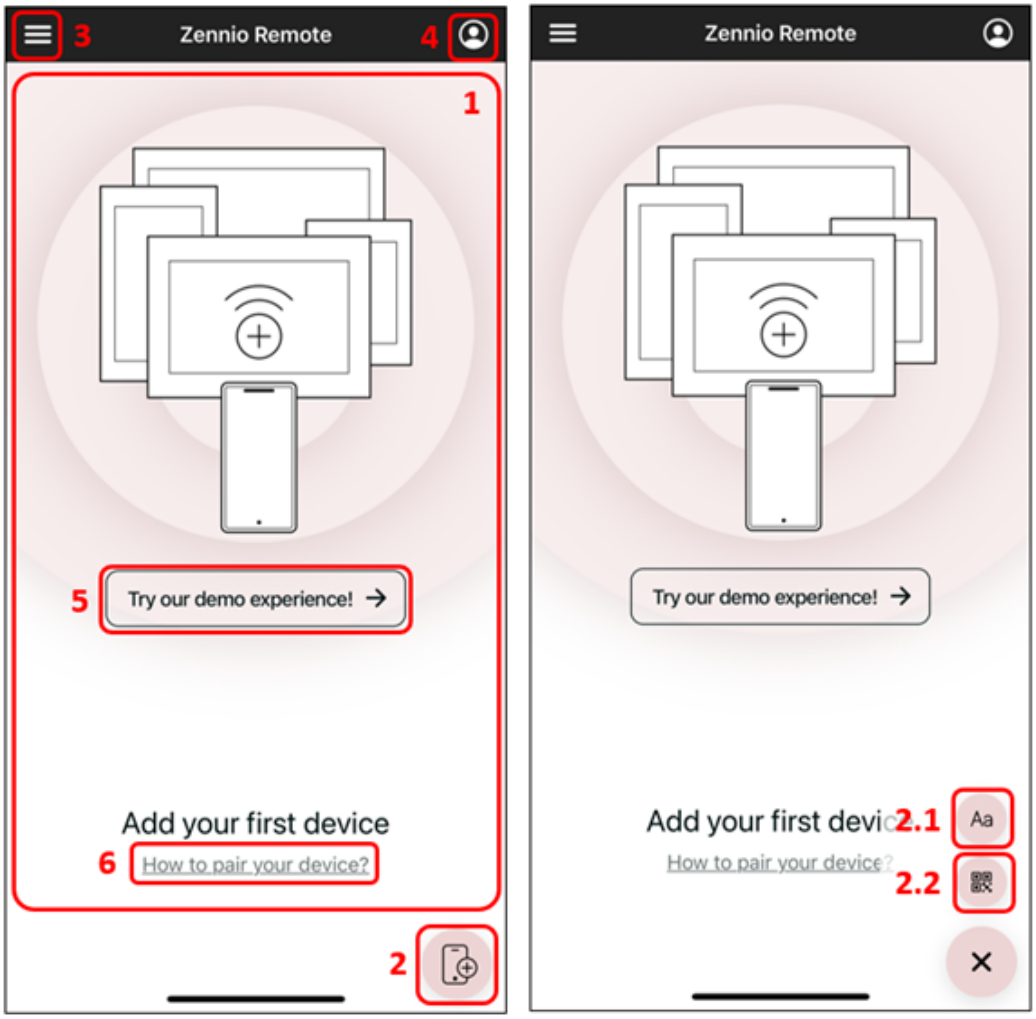

Figure 8. Mobile main screen

In contrast to mobile devices, only the alphanumeric code pairing option is available on the desktop.

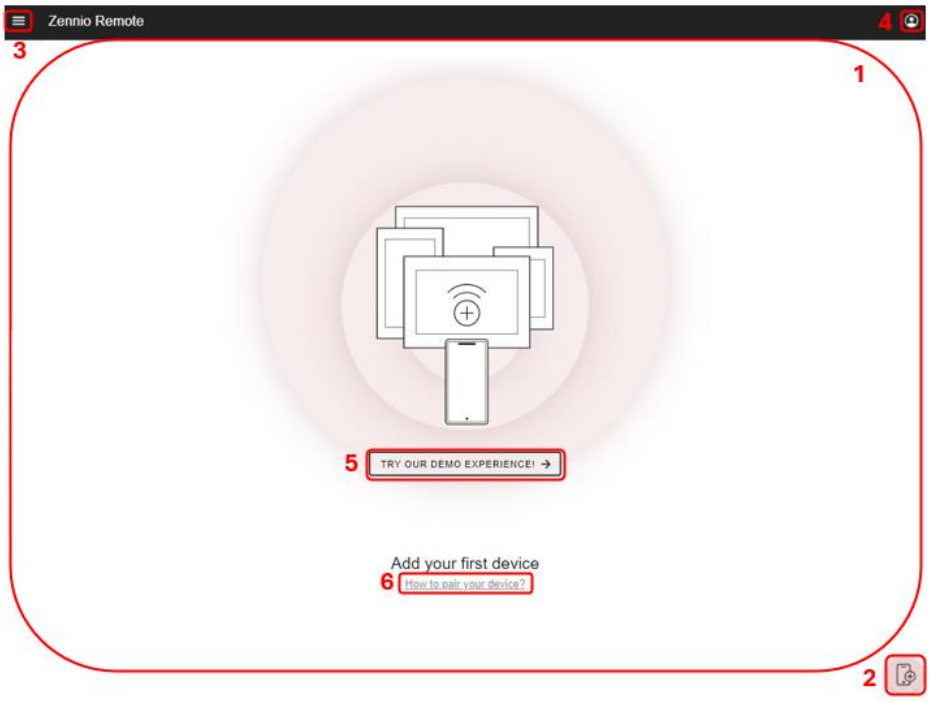

Figure 9. Desktop main screen

The main screen consists of the following elements:

- **1. Device List**: list of the touch screens paired with the application. Each device provides a submenu for its individual configuration. When there are no devices in this list, it allows access to the pairing tutorial and the remote control demo.

- **2. Add Device**: allows a new touch screen to be paired with the mobile device. Two options are offered:
  - Pairing with alphanumeric code (3.7.2)
  - Pairing with QR code (3.7.1)

- **3. Application Menu:** displays the following options:
  - **Settings**: access to the application configuration window.
  - **Demo**: access a remote control demo with the latest functionality.
  - **Help**: access to comments and help center.
  - **About**: access to the application information window (version, manufacturer identification, etc.), as well as the terms and conditions of use.

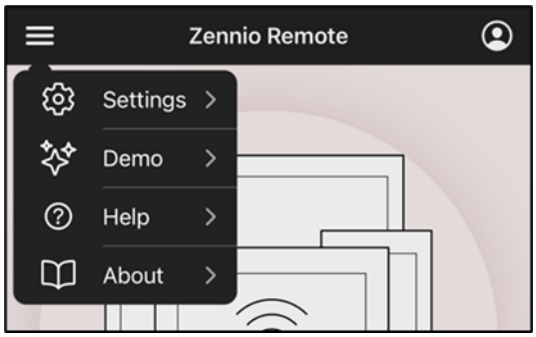

Figure 10. Application menu

- **4. User / Login:** view the current user account info or log in with an account.
- **5. Try our demo experience**: when the device list is empty, this button provides access to the remote control demo.
- **6. Pairing tutorial**: when the device list is empty, this link provides access to the pairing process tutorial.

3.5 USER

The page consists of a form with the following elements:

- Read-only user email.
- Hidden password along with a button to change it.
- Logout button that redirects to the login page.
- Account deletion button, where confirmation by the user is required. This action leads to the loss of preferences and pairings associated with the user.

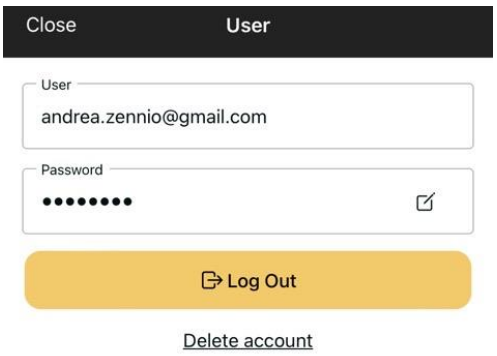

Figure 11. User page

3.6 PASSWORD CHANGE

This page consists of a form where it is necessary to fill in the following fields:

- Current password
- New password
- Confirm new password
- Button to perform the password change. This button is activated when all the text fields of the form have been filled in.

Figure 12. Password change page

By default, the text of the passwords is not shown, but it is possible to display them using the eye button.

3.7 DEVICE PAIRING

In order to remotely handle a touch screen, a pairing process between the actual and the mobile device is required.

NOTE: *A user account can be paired with up to 90 different touch screens.*

NOTE: *A touch screen can be paired with up to 49 accounts or apps.*

3.7.1 PAIRING WITH QR CODE

This option is only available for mobile devices. To begin this process, press the button , located in the bottom right corner of the device list.

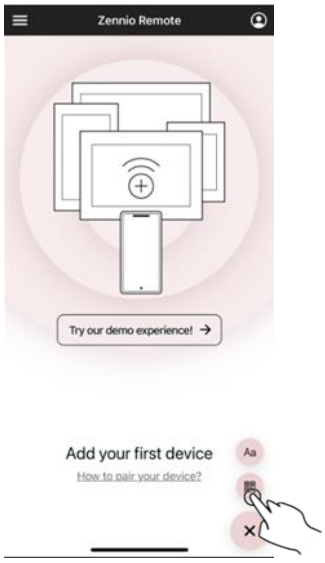

Figure 13. Device pairing (I)

In the new page, the camera of the mobile device is opened showing a frame. Pointing the camera to the QR generated in the device to be paired with, executes automatically the pairing process.

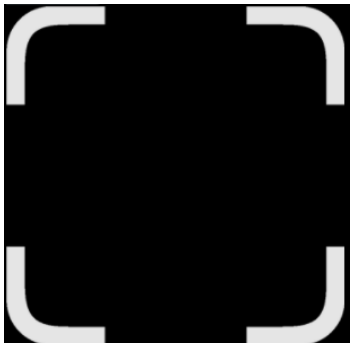

Figure 14. QR code scanner

By clicking on the Aa icon in the upper left corner, you can access the alphanumeric code pairing form.

NOTE: *The use of QR code pairing is not available for Z41 devices. For the pairing of these devices, please refer to the next point in this manual.*

3.7.2 PAIRING WITH ALPHANUMERIC CODE

To access this form, tap the button Aa in the bottom right corner of the device list. The form includes the following inputs:

- **Name** (required). Text of up to 48 characters to be associated with the device, which will be used to identify the touch screen in the device list.
- **Description** (optional). Text field in which it is possible to define a brief description of the device. It can be up to 255 characters long.
- **Tag 1** (optional). Label to simplify the search in case of multiple paired devices. Allows up to 24 characters in length.
- **Tag 2** (optional). Label to simplify the search in case of multiple paired devices. Allows up to 24 characters in length.
- **Device** (required). Description of the device to be paired with. It is automatically filled in taking the information of the current mobile device model, but it is possible to edit this value (only in this step). Allows up to 30 characters in length.
- **Pairing code** (required). 9-character alphanumeric code, which must be requested and displayed from the device to be paired.

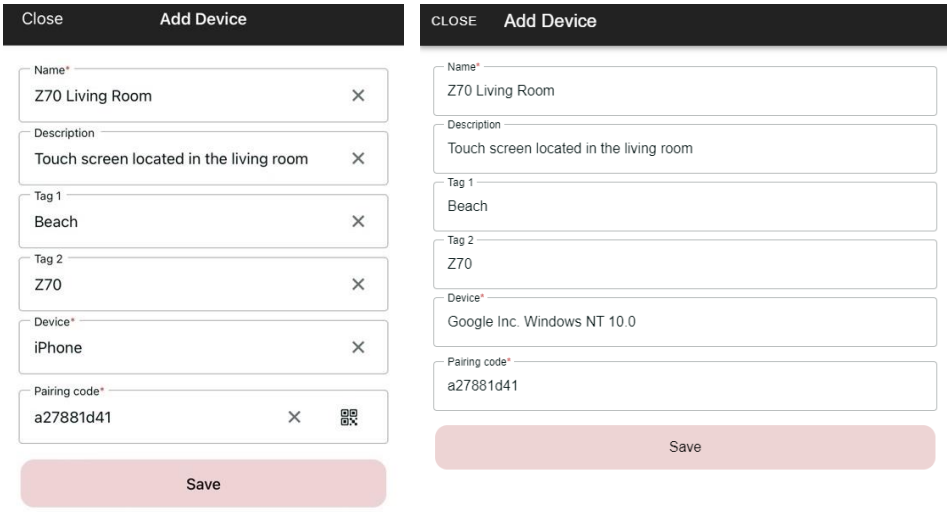

Figure 15. Pairing device (II). Mobile(left), desktop(right)

The process of retrieving the pairing code is performed from the touch screen to be paired. For further information, refer to device manual:

- Z41, Z41 Pro, Z41 COM: Click here to access to the manual
- Z70, Z100, Z50: Click here to access to the manual

After obtaining the pairing code, it must be entered into the "pairing code" field of the form shown in Figure 15. Pairing device (II) and press *Save* to finish the process.

NOTE: *The pairing code has an expiration time that can be configured by the integrator. By default, it's set to 2 minutes.*

After pressing the save button, the device is synchronized with the application and shown in the list of devices.

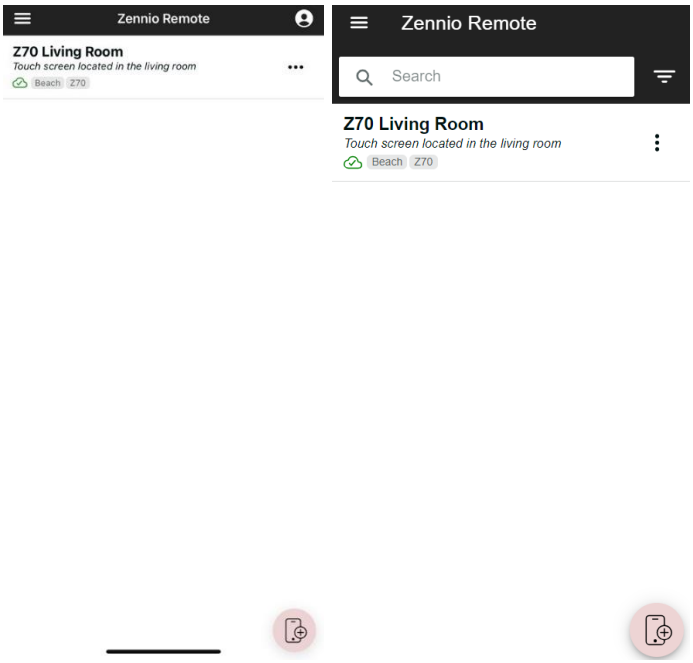

Figure 16. Device pairing (III). Mobile(left), desktop(right)

NOTE: *In this form you can scan the QR pairing code using the button at the top. In this case, the form will be saved automatically with the data entered up to that point.*

3.8 DEVICE LIST

Paired devices are added sequentially in the list on the main screen. Each record relates to a paired display, and displays the following information:

- **Name, description and tags:** device information, previously set in the pairing form.

- **Direct access**: a screen with this icon will be marked as a "favourite", which means that it can be accessed automatically when starting the application without going through the list of devices. The way to mark a screen as favourite is through the *Settings* > *Direct access* menu.
- **Device status:** icon that indicates the connection status of the device, which will depend on its colour:
  - **Green**: screen is accesible for remote control.
  - **Red**: there is no communication with the screen or there is a problem preventing remote access (e.g., screen without power or Internet connection).
- **Maintenance status:** indicated that the service is under maintenance. When this status is active, access to the affected devices will be disabled.
- **Alarm status:** denotes that an alarm is active on the device.

***NOTE**: Activation of an alarm triggers a push notification to be sent to the paired mobile devices as soon as it is detected by the touch screen.*

- **Device menu:** Menu for device management. It provides the following options:

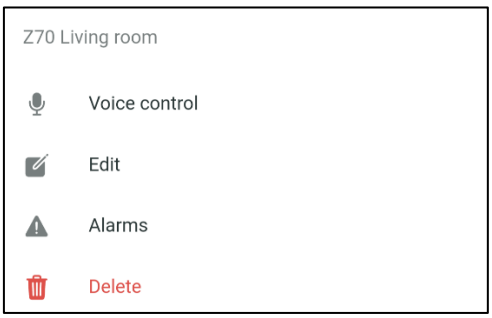

Figure 17. Device options

  - **Voice control**: allows to access voice control device configuration, if it's a compatible device and you have the required license.
  - **Edit:** allows to change the display properties. The modification of text properties such as name, description and labels are enabled.

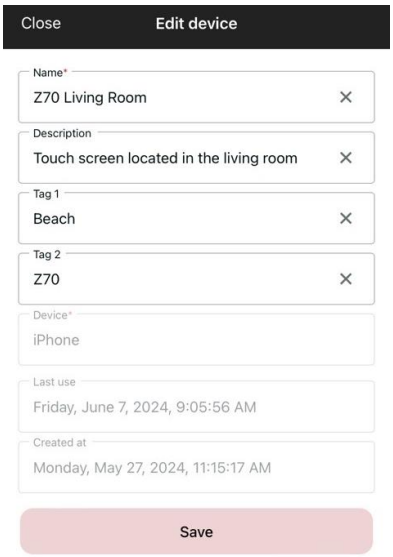

Figure 18. Screen properties edition

- **Alarms:** summary of the active alarms present in the touch screen. It is possible to directly access the screen affected by the alarm by clicking on the "Open Device" button of the alarm.

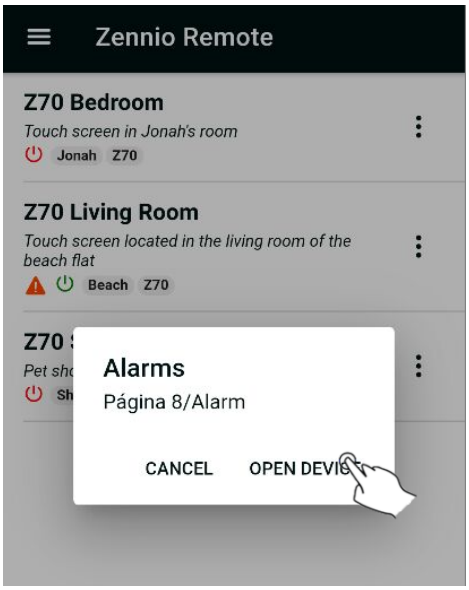

Figure 19. Active alarms summary

- **Delete:** allows to unpair a touch screen from the current mobile device.

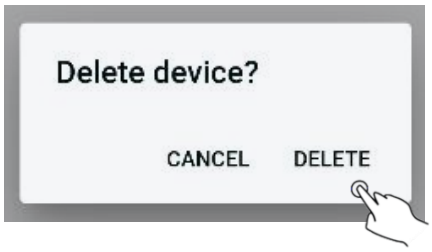

Figure 20. Screen unpairing

Unpairing a display is also possible from the list of paired devices. To do this, simply swipe the row to the left, causing the delete icon to be displayed on the right-hand side. Clicking on this icon prompts for confirmation to unpair the device, and will proceed if the answer is yes.

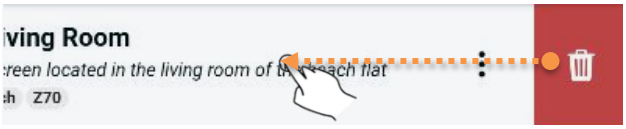

Figure 21. Unpairing from pairing list

3.9 VOICE CONTROL

To access this section, click on the device menu and select the "Voice control" option. This functionality allows you to integrate and manage devices compatible with voice assistants, providing an intuitive interface for controlling various home functionalities by voice commands.

3.9.1 LIST OF VOICE CONTROL DEVICES

This section shows the devices configured in the ZRCD (lights, blinds, climate, indicators, etc.). The types of devices are detailed in the section Types of voice control devices

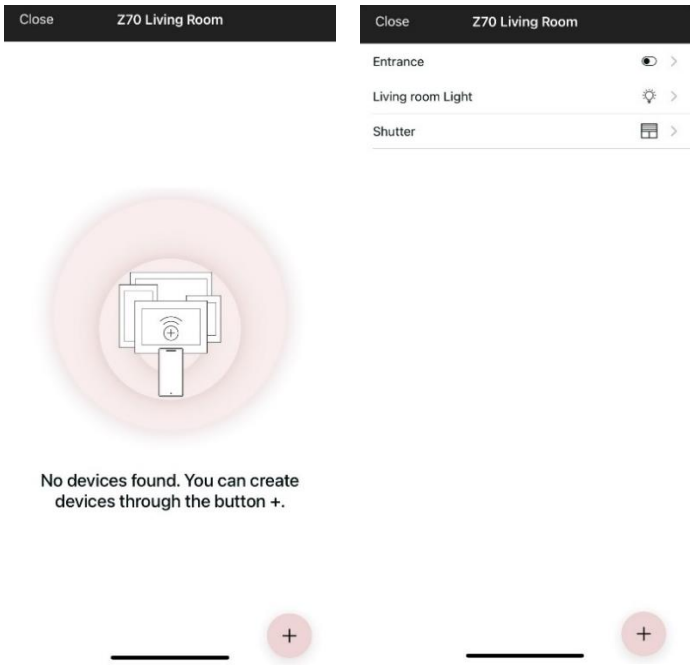

Figure 22. List of voice control device

> ***NOTA**: If the ZRCD is not available, there is a problem, or the configuration of any device has changed, a warning will be displayed with the specific problem.*

3.9.2 CREATING DEVICES

To create a new device, click on the + icon and provide the following information:

- Device type (See section 7)
- Control configured in the ZRCD
- Device name in voice assistants

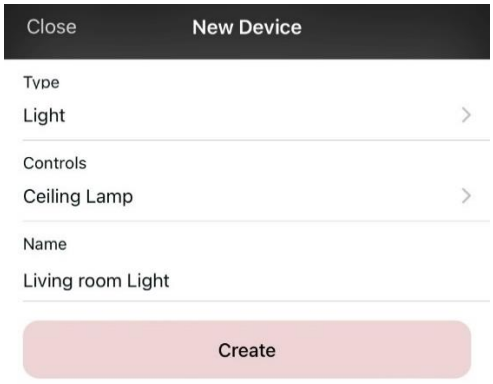

Figure 23. Device creation

Once the device has been created, it is shown in the list of devices together with the icon of the type of device to which it belongs.

Note: *When choosing a name for the device to be created, it is recommended that it be unique to avoid confusion for the voice assistants, and that it does not contain words that can be associated with room names or device types. For example, it is recommended not to include the word "kitchen" or "light" in the name of a device.*

At the time of selecting the device type, its recommended to take into account that the voice assistants will use it for the recognition of actions that can be performed on the device.
If your voice assistant does not recognize actions on a device that, a priori, would seem feasible, check the above points to make sure that both name and the type of device are correct.

3.9.3 EDITING OR ERASING DEVICES

To edit the configuration of a device, click on the device, which will open a pop-up box as shown in Figure 23. This pop-up box allows you to modify the following information:

- Control configured in the ZRCD.
- Device name in voice assistants.

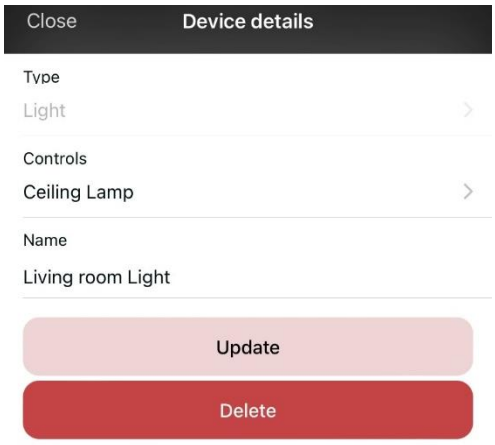

Figure 24. Device edition

In addition, from this same pop-up box, the device itself can be deleted. Deleting a device in ZenVoice does not necessarily mean that it will be deleted in the voice assistants in which it is configured.

Note: *Modifying the configuration of a compatible touch panel, or changing the version of its application program, may result in errors in the operation of the voice control. Starting at version 3.6 of the compatible touch panels, the affected devices will be removed from the voice assistants, and to add them again you must follow this process:*

- *Delete the controls from the ZenVoice configuration website.*
- *Check that the controls have been removed in the assistant applications. If they are not automatically removed, force synchronization (by dragging down from the device list).*
- *Re-configure the controls from the ZenVoice configuration web site.*
- *If the new controls do not appear automatically in the applications, force synchronization (by dragging down from the device list).*

When these operations are required, the affected devices will be marked with a warning icon in the list. On version 3.6 or earlier, it is also necessary to follow this process, but no warning will be shown.

3.10 MULTIPLE DEVICES MANAGEMENT

On mobile devices, if more than five devices are paired, the display listing adds an additional search control that makes it easier to find a specific display. On the desktop, this control is enabled independently of the number of paired devices.

Figure 25. Device search

This search control allows you to enter text that will display only those screens that match the device name, description or labels. Any character is allowed, but it is not case sensitive.

Clicking on the menu icon associated with the search box displays a window that allows you to sort the list and select multiple screens for deletion.

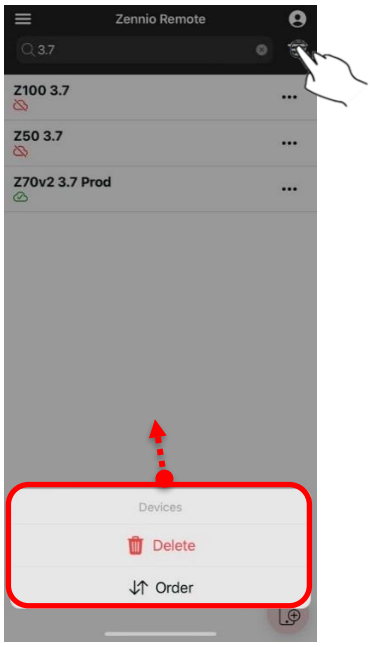

Figure 26. Multiple device management

Clicking on the "Order" option displays the sorting options, which allows the list to be displayed using one of the following criteria:

- By name
- By last use
- By pairing date

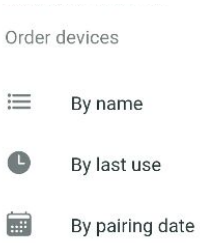

Figure 27. Sorting with multiple devices

> ***NOTE:*** *Selecting one of the sorting options does not permanently change the order of the list, but only for the current session.*

If we click on the "Delete" option in the *multiple devices* menu, we will be given the possibility of selecting those screens that we want to unpair from our mobile device. To

do this, tick the boxes corresponding to the touch screens to be deleted (by clicking all the screens will be selected/deselected at the same time) and click on the button :

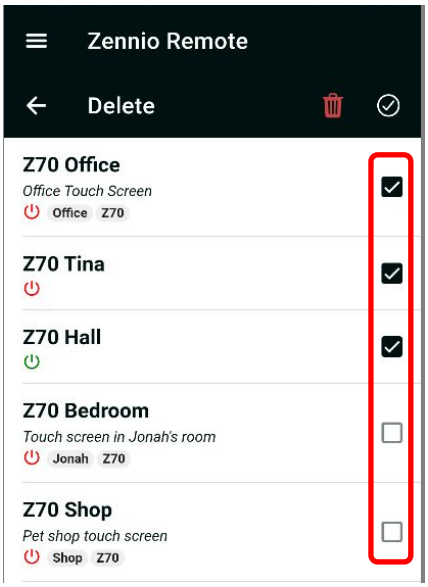

Figure 28. Multiple pairing deletion

3.11 SETTINGS

Settings section allows the configuration of aspects of the application such as the visual theme, setting a favourite screen or defining a sorting criterion in the list of available screens.

Settings are accessed from the button , located in the upper left corner of the application.

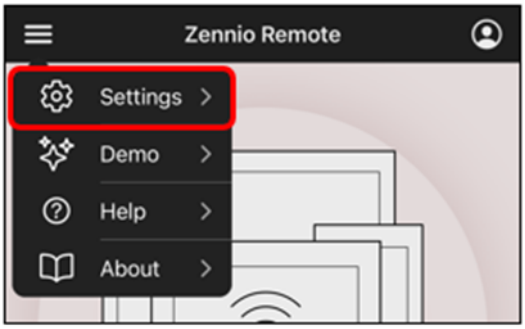

Figure 29. Access to application preferences

The configuration options given by the application are as follows:

- **Theme**: allows you to set the visual look and feel of the application:

- **Light**: theme with light colours.
- **Dark**: theme with dark colours.
- **System default**: theme matching operating system current theme.

Figure 30. Theme selection

- **Direct access**: allows you to define a specific screen as the default access device. Selecting a device as direct access means that, when the application is launched, the interface of that device is displayed directly instead of displaying the list of available screens.

***NOTE**: It is possible to deactivate the shortcut function to show the list again by selecting the "None" option.*

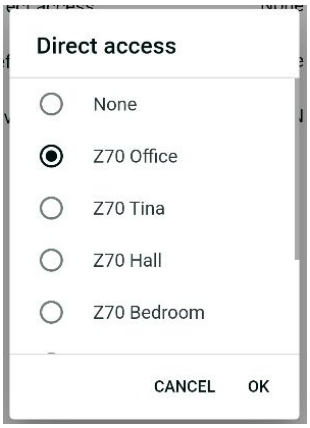

Figure 31. Direct Access

- **Default order**: allows you to configure the criteria by which the screens shown in the pairing list are sorted. This criterion can be one of the following:
  - **By name**: Sorts the pairings in alphabetical order according to their name.
  - **By last use**: Sorts the pairings by the date on which a connection was made to the display from the mobile device.

- **By pairing date**: Sorts the pairings according to when they were added to the app.

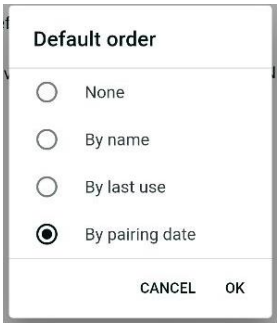

Figure 32. Default order menu

- **Mute app:** allows you to mute the sounds emitted by the remote control of the displays. It only affects the remote controls compatible with this feature.

3.12 HELP

To access this section, click on the menu in the top left-hand corner and select the “Help” option.

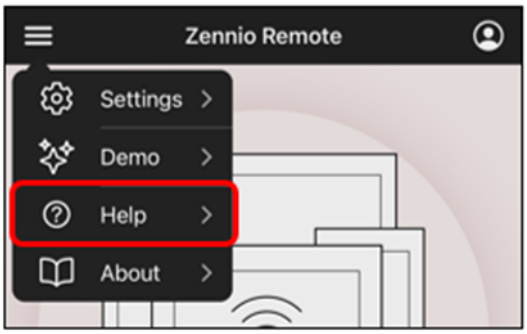

Figure 33. Access to the help center

This page provides access to various resources for questions and assistance. Once inside the help section, it is possible to see manuals, tutorials and support options for Zennio Remote, as well as the resources corresponding to ZenVoice:

- **Tutorial**: access to the pairing tutorial integrated in the app.
- **User’s manual**: download a document describing the features of the app.
- **Contact support**: send us your questions or comments directly from the form. If necessary, we will use your email address to contact you.

- **User guide**: download a detailed document describing all the features and usage of ZenVoice.
- **FAQs**: find answers to the most frequently asked questions about setting up and using ZenVoice.

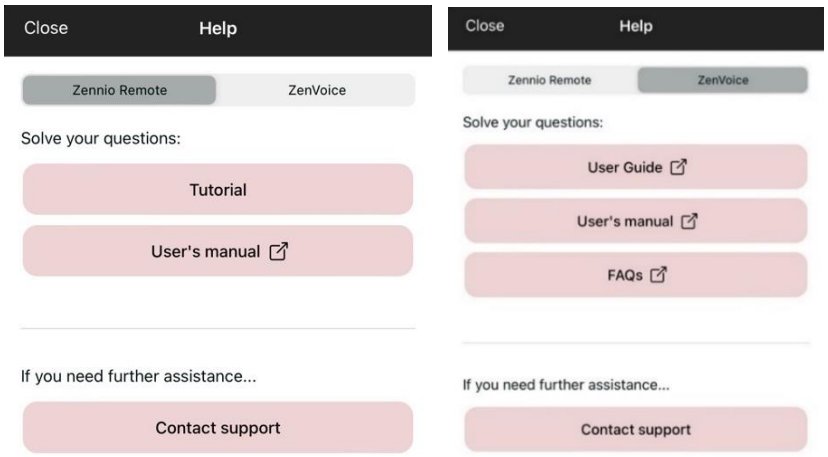

Figure 34. Help center

3.13 ABOUT

To access this section, click on the menu in the top left-hand corner and select the "About" option.

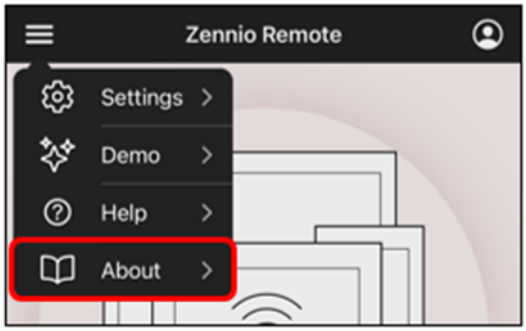

Figure 35. Access to the application information section

This action displays a window with detailed information about Zennio Remote and ZenVoice. It includes details such as version, License Agreement, Privacy Policy, Terms of Service, Legal notice and third-party licenses.

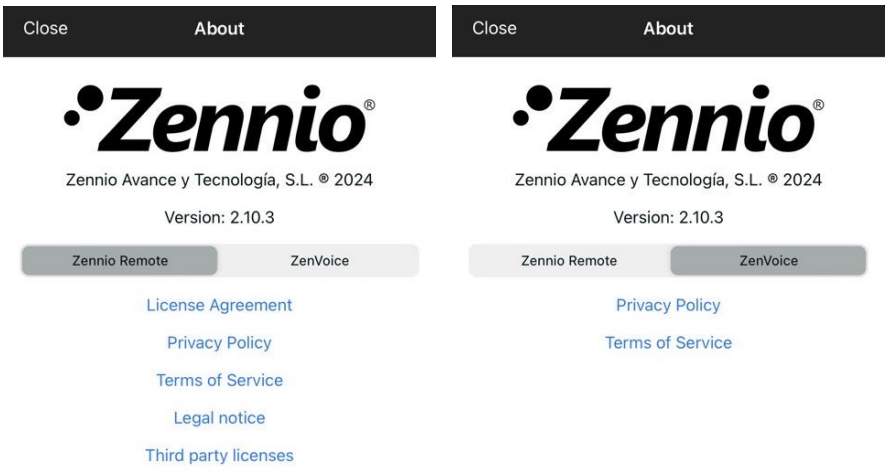

Figure 36. About

NOTE: *Tapping the links of License Agreement, Privacy Policy and Terms of Service displays the content accepted by the user. The Privacy Policy and Terms of Service only appear if the user is logged in with a user account.*

4 DEVICE REMOTE CONTROL

To remotely control a paired device, simply tap on the device to be controlled. After a few seconds, a virtual representation of the device is displayed, similar to what the user can normally see on the screen itself.

Figure 37. Remote control of a touch screen

Any change made on the screen through the mobile application is automatically transferred to the screen itself (and vice versa), as well as to any other mobile device that is controlling the screen at the same time.

To conclude the interaction with the screen on mobile devices, the remote session can be closed by pressing the back button , located in the top left corner of the remote control, returning to the paired devices list. It is also possible to return to the menu by pressing the "Back" button on the mobile device itself.

Figure 38. Conclusion of the remote control session

On the desktop, it is possible to simultaneously view the remote control of a device and the list of all devices. To view the remote control in full screen, press the button , located to the right of the list of devices.

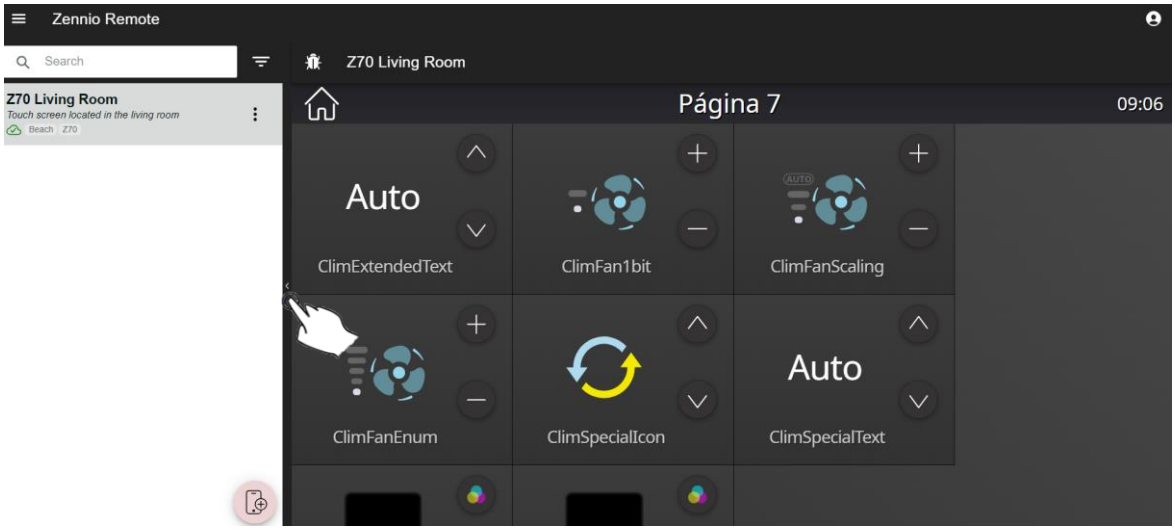

Figure 39. Full screen remote

5 DIFFERENCES BETWEEN DEVICE AND REMOTE CONTROL

Although the interface displayed by the device and the remote control are almost identical, there are some differences that are worth knowing, which are detailed below:

- Box layout: regardless of the resolution of the mobile device and the configuration of the boxes, the boxes are always a fixed size of 1x1 and are arranged sequentially.
  - Landscape mode is only available on devices with large screens such as tablets, but not on mobile phones.
- With regard to the Intercom function, incoming call notifications are not available and it is not possible to open the preview and internal call panels.
  - The call log is available.
- No notification is displayed when a memory stick is inserted in the USB port.
- Notifications related to icon importing are not displayed.
- No acceptance panel for the EULA of the touch screen are shown.

- The *clean* function is not active on the remote control, as it is intended to prevent unwanted tappings on the device while it is being cleaned.
- The inactivity event is ignored. Once the inactivity time has elapsed, it does not return to the main page. The reason is that inactivity is controlled by the proximity sensor, being a feature inherent to the device.
- Alarms:
  - There is no transition to the page of the active alarm.
- Configuration
  - In the *device* modal window, the brightness control is displayed as an indicator, as it has no effect on the brightness of the mobile device.

6 PUSH NOTIFICATIONS

The mobile application supports push notifications to notify the user when an alarm event (activation, confirmation or deactivation) is triggered by a paired device.

The notification is received in real time on the mobile device, allowing the related box to be managed remotely. These notifications appear even if the application is not running in the foreground at the time when the alarm event is triggered.

Figure 40. Alarm event triggered through *push* notifications

Clicking on the notification opens the application, indicating with the icon ⚠ those devices that present a pending alarm.

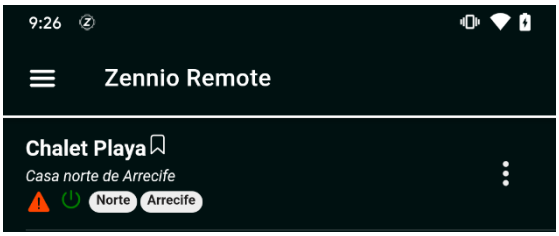

Figure 41. List of devices with pending alarms

Regarding the management of alarm boxes remotely it is necessary to consider the following information:

- *These messages are not displayed if push notifications are disabled in the device operating system configuration. It is recommended to refer to the technical documentation provided by the manufacturer.*
- *Push notifications are not received if the touch screen or the mobile device do not have an active internet connection. In case the device usually has an internet connection, but there is a network failure, push notifications are sent as soon as the internet connection is available again*

- *If an alarm is triggered when a paired mobile device is powered off, notifications are displayed as soon as it is switched on and an active internet connection is available.*

- *Zennio Avance y Tecnología S.L. is not responsible for the loss of push notifications due to network, hardware or software failures.*

7 TYPES OF VOICE CONTROL DEVICES

Below are some of the most common types of voice control devices. For each type of device, we detail their functionalities, the compatible boxes available and how they can be controlled by voice commands through virtual assistants such as Alexa and Google Home.

7.1 LIGHT

7.1.1 OPERATION WITH VOICE ASSISTANTS

Displayed in the Lights group or category. Enables the functionality to turn a light on and off.

7.1.2 COMPATIBLE BOXES

The boxes compatible with the light type are the binary type boxes:

- [1-Button] Switch icon (Conmute 0/1, 0 and 1)
- [1-Button] Hold & Release (0/1 y 1/0)
- [1-Button] Two objects
- [2-Button] Switch icon (0/1 and 1/0)
- [2-Button] Switch + Indicator (0/1 and 1/0)
- [Climate] Mode → Heat/Cool

7.1.3 VOICE CONTROL

7.1.3.1 ALEXA

It can be controlled by expressions like:

- *Alexa, turn on the Living Room light.*
- *Alexa, turn off the Living Room light*

7.1.3.2 GOOGLE HOME

It can be controlled by expressions like:

- *Ok Google, turn on the Living Room light.*
- *Ok Google, turn off the Living Room light*

7.2 SWITCH

7.2.1 OPERATION WITH VOICE ASSISTANTS

Shown in the Switches group or category. Enables the functionality to turn a device on and off.

7.2.2 COMPATIBLE BOXES

The boxes compatible with the switch type are the binary type boxes:

- [1-Button] Switch icon (Conmute 0/1, 0 and 1)
- [1-Button] Hold & Release (0/1 y 1/0)
- [1-Button] Two objects
- [2-Button] Switch icon (0/1 and 1/0)
- [2-Button] Switch + Indicator (0/1 and 1/0)
- [Climate] Mode → Heat/Cool

7.2.3 VOICE CONTROL

7.2.3.1 ALEXA

It can be controlled by expressions like:

- *Alexa, turn on the fan*
- *Alexa, turn off the fan*

7.2.3.2 GOOGLE

It can be controlled by expressions like:

- *Ok Google, turn on the fan.*
- *Ok Google, turn off the fan*

7.3 DIMMABLE LIGHT

7.3.1 OPERATION WITH VOICE ASSISTANTS

Shown in the Lights group or category. Allows the functionality to turn a light on and off,and adjust its intensity.

7.3.2 COMPATIBLE BOXES

The boxes compatible with the dimmable light type are:

- [2-Button] Dimmer

It should be noted that the on/off function and the dimming function are listed separately, but for correct operation in most cases the same box must be selected.

To be able to dim the brightness, the *Precise Dimming* object (used for timers and macros) must be active and linked to the KNX device.

7.3.3 VOICE CONTROL

7.3.3.1 ALEXA

It can be controlled by expressions like:

- *Alexa, turn on the Bedroom Light*
- *Alexa, set the Bedroom Light to 50%*
- *Alexa, dim the Bedroom light.*

7.3.3.2 GOOGLE

It can be controlled by expressions like:

- *Ok Google, turn on the Bedroom Light*
- *Ok Google, set the Bedroom Light to 50%*
- *Ok Google, dim the Bedroom light.*

7.4 DIMMABLE LIGHT (COLOR TEMPERATURE)

7.4.1 OPERATION WITH VOICE ASSISTANTS

Shown in the Lights group or category. Allows the functionality to turn a light on and off,and adjust its intensity and color temperature.

7.4.2 COMPATIBLE BOXES

The boxes compatible with the dimmable light type are:

- [2-Button] Dimmer

It should be noted that the on/off function, the dimming function and the color temperature function are listed separately, but for correct operation in most cases the same box must be selected.

To be able to dim the brightness, the *Precise Dimming* object (used for timers and macros) must be active and linked to the KNX device.

To be able to adjust the color temperature, the *Color temperature* checkbox must be active and linked to the KNX device.

7.4.3 VOICE CONTROL

7.4.3.1 ALEXA

It can be controlled by expressions like:

- *Alexa, turn on the Bedroom Light*
- *Alexa, set the Bedroom Light to 50%*
- *Alexa, dim the Bedroom light.*
- *Alexa, make the Bedroom lights warmer.*
- *Alexa, set the Bedroom to daylight.*

7.4.3.2 GOOGLE

It can be controlled by expressions like:

- *Ok Google, turn on the Bedroom Light*
- *Ok Google, set the Bedroom Light to 50%*
- *Ok Google, dim the Bedroom light.*
- *Ok Google, adjust the Beedroom lights color to 4000 kelvins.*
- *Ok Google, set the lights to blue.*

7.5 SCENE

7.5.1 OPERATION WITH VOICE ASSISTANTS

It is shown in the Environments group of Alexa. It allows the functionality of activating a scene to change the states of different devices according to the configuration of the home automation installation.

It is strongly discouraged to set up scenes in ZenVoice whose configuration allows action on security devices such as surveillance cameras, doors, or security panels, among others.

7.5.2 COMPATIBLE BOXES

The boxes compatible with the Scene type are:

- [1-Button] Scene

7.5.3 VOICE CONTROL

7.5.3.1 ALEXA

It can be controlled by expressions like:

- *Alexa, turn on Evening*

7.5.3.2 GOOGLE

It can be controlled by expressions like:

- *Ok Google, turn on Evening*

7.6 TEMPERATURE INDICATOR

7.6.1 OPERATION WITH VOICE ASSISTANTS

Displayed in the Thermostats group or category. Enables the current temperature monitoring functionalities.

7.6.2 COMPATIBLE BOXES

The boxes compatible with the Temperature Indicator type are:

- [Indicator] Temperature
- [2-Button] Switch + Indicator → Indicator Type: Temperature
- [Climate Control] Temperature Setpoint → Indicator Type: “Setpoint is Main and Real is Secondary” or “Setpoint is Secondary and Real is Main”

NOTE: *When the control has several temperature objects, the real temperature object must be selected.*

7.6.3 VOICE CONTROL

7.6.3.1 ALEXA

It can be controlled by expressions like:

- *Alexa, what is the temperature in the Living Room*

7.6.3.2 GOOGLE

It can be controlled by expressions like:

- *OK Google, what is the temperature in the Living Room*

NOTE: *Due to limitations of Google Home, in these controls it always responds that the thermostat is off.*

7.7 THERMOSTAT

7.7.1 OPERATION WITH VOICE ASSISTANTS

Shown in the Thermostats group or category. Enables setpoint temperature control and current temperature monitoring functionalities.

7.7.2 COMPATIBLE BOXES

The boxes compatible with the Thermostat type are:

- [Climate Control] Temperature Setpoint

The boxes compatible with the monitoring function of the Thermostat type are:

- [Indicator] Temperature

- [2-Button] Switch + Indicator → Indicator type: Temperature
- [Climate Control] Temperature Setpoint → Indicator Type: “Setpoint is Main and Real is Secondary” or “Setpoint is Secondary and Real is Main”

It should be noted that the actual temperature monitoring function and the setpoint temperature control function are listed separately, so the appropriate box should be selected for each case, as not all configurations for the Setpoint temperature box include an object to display the actual temperature.

7.7.3 VOICE CONTROL

7.7.3.1 ALEXA

It can be controlled by expressions like:

- *Alexa, what is the temperature in the Living Room*
- *Alexa, set thermostat to 23 degrees*
- *Alexa, lower Living Room temperature by 2 degrees.*

***NOTE**: Although Alexa allows a wide temperature range to be set, if an attempt is made to set a temperature below or above the parameterized range, it will automatically set the minimum or maximum respectively.*

7.7.3.2 GOOGLE

It can be controlled by expressions like:

- *OK Google, what is the temperature in the Living Room*
- *OK Google, set thermostat to 23 degrees*
- *OK Google, lower Living Room temperature by 2 degrees.*
- *OK Google, I’m cold*

***NOTE**: In Google Home thermostats always appear in heating mode.*

7.8 AIR CONDITIONER THERMOSTAT

7.8.1 OPERATION WITH VOICE ASSISTANTS

Shown in the Thermostats group or category. Enables setpoint temperature control and current temperature monitoring functionalities.

7.8.2 COMPATIBLE BOXES

The boxes compatible with the Thermostat type are:

- [Climate Control] Temperature Setpoint

The boxes compatible with the monitoring function of the Thermostat type are:

- [Indicator] Temperature
- [2-Button] Switch + Indicator → Indicator type: Temperature
- [Climate Control] Temperature Setpoint → Indicator Type: “Setpoint is Main and Real is Secondary” or “Setpoint is Secondary and Real is Main”

It should be noted that the actual temperature monitoring function and the setpoint temperature control function are listed separately, so the appropriate box should be selected for each case, as not all configurations for the Setpoint temperature box include an object to display the actual temperature.

7.8.3 VOICE CONTROL

7.8.3.1 ALEXA

It can be controlled by expressions like:

- *Alexa, what is the temperature in the Living Room*
- *Alexa, set thermostat to 23 degrees*

- *Alexa, lower Living Room temperature by 2 degrees.*

NOTE: *Although Alexa allows a wide temperature range to be set, if an attempt is made to set a temperature below or above the parameterized range, it will automatically set the minimum or maximum respectively.*

7.8.3.2 GOOGLE

It can be controlled by expressions like:

- *OK Google, what is the temperature in the Living Room*
- *OK Google, set thermostat to 23 degrees*
- *OK Google, lower Living Room temperature by 2 degrees.*
- *OK Google, I'm cold*

NOTE*: In Google Home air conditioner thermostats always appear in cold mode.*

7.9 BLINDS

7.9.1 OPERATION WITH VOICE ASSISTANTS

It allows the functionalities of raising and lowering a blind.

7.9.2 COMPATIBLE BOXES

The boxes compatible with the blind type are:

- [2 Buttons] Shutter

To be able open or close the blinds, the *Shutter Positioning* object (used for timers and macros) must be active and linked to the KNX device.

7.9.3 VOICE CONTROL

7.9.3.1 ALEXA

It can be controlled by expressions like:

- *Alexa, raise the blind*
- *Alexa, lower the blind a bit*
- *Alexa, open the blind*
- *Alexa, set blind to 60%*

NOTE: *Alexa does not have commands to stop the movement of a blind.*

7.9.3.2 GOOGLE

It can be controlled by expressions like:

- *OK Google, raise the blind*
- *OK Google, lower the blind a bit*
- *OK Google, open the blind*
- *OK Google, set blind to 60%*

NOTE: *Google does not have commands to stop the movement of a blind.*

7.10RGB LIGHT

7.10.1OPERATION WITH VOICE ASSISTANTS

Shown in the Lights group or category. Allows the functionality to switch a light on and off, and to change its colour.

7.10.2COMPATIBLE BOXES

The boxes compatible with the RGB light type are:

- [Other] RGB Control
- [Other] RGBW Control

7.10.3VOICE CONTROL

7.10.3.1 ALEXA

It can be controlled by expressions like:

- *Alexa, turn on RGB light* ← It will light up white
- *Alexa, set RGB light to blue*
- *Alexa, set RGB light to dark grey*

7.10.3.2 GOOGLE

It can be controlled by expressions like:

- *OK Google, turn on RGB light* ← It will light up white
- *OK Google, set RGB light to blue*
- *OK Google, set RGB light to dark grey*

NOTE: *For different shades of white, the color rendering done in the Google Home app and that done on the compatible touch panel may differ slightly.*

8 VOICE CONTROL ASSISTANTS

An assistant is a third-party device, which has its own application, and through which it is possible to control and monitor home automation devices of a user, linking the assistant's user account with Zennio's user account.

8.1 ALEXA

8.1.1 PREREQUISITES

- To have a KNX installation with a Zennio compatible touch panel (version 3.4 or higher).
- To have installed the Zennio Remote mobile app.
- To be registered in Zennio Remote with username and password.
- To have paired your compatible touch panel with voice control license with the Zennio Remote app.
- To have set the desired control of your compatible touch panel as a controllable device for voice control.

8.1.2 INSTRUCTIONS

- Search for the ZenVoice skill in the Amazon Alexa application and add it. To do this, click on the “Enable to use" button (Figure 40).

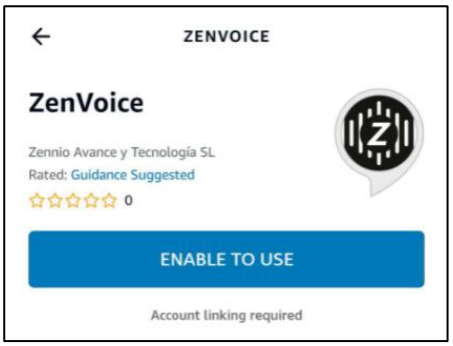

Figure 42. ZenVoice Skill in Alexa

- The window shown in Figure 1 will open, where you will have to enter the credentials of your Zennio account.
- Once logged in, the configured devices can be detected via ZenVoice.

> ***NOTE:*** *After activation of the Skill, the authentication will be valid for a period of 10 years. After that time, it will be necessary to deactivate and reactivate the Skill to log in again.*

8.1.3 LANGUAGES

The ZenVoice skill is available in the following languages:

- English (GB, US, IN, AU)
- Spanish (ES)
- French (FR)
- German (DE)
- Italian (IT)
- Hindi (IN)
- Portuguese (BR)
- Arabic (SA)

8.2 GOOGLE HOME

8.2.1 PREREQUISITES

- To have a KNX installation with a Zennio compatible touch panel (version 3.5 or higher).
- To have installed the Zennio Remote mobile app.
- To be registered in Zennio Remote with username and password.
- To have paired your compatible touch panel with voice control license with the Zennio Remote app.
- To have set the desired control of your compatible touch panel as a controllable device for voice control.

8.2.2 INSTRUCTIONS

- Search ZenVoice Action in Google Home and add it. To do this, click on the *Add and manage* button, then on *Set up device*, and finally on *Works with Google*. In the list of services you must select ZenVoice and enter the credentials of your Zennio account in the login that opens.

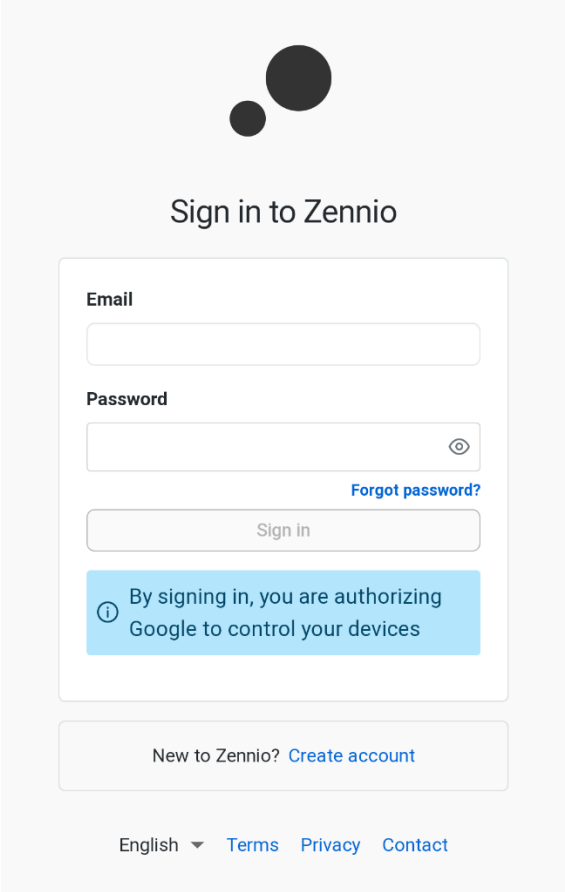

Figure 43. Login

- When access has been granted, the configured devices can be detected through ZenVoice.

NOTE: *You need to have at least one voice-controllable device created in order to add ZenVoice Action to Google Home.*

NOTE*: After activation of the Google Action, the authentication will be valid for a period of 10 years. After that time, it will be necessary to deactivate and reactivate the Google Action to log in again.*

8.2.3 LANGUAGES

The ZenVoice Google Action is available in all languages supported by Google, including, at least, the same as the Alexa Skill.

Join and send us your inquiries about Zennio devices:

https://support.zennio.com

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