

Easykon for KNX

Complete guide for installation,
set up and use of the product



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Easykon™ for KNX

Introducing Easykon™

Easykon™ for KNX is an electronic DIN rail case device that allows the use Apple, Google and Amazon apps and vocal assistants, locally and remotely to control KNX systems.

With Easykon™ sensors, thermostats, actuators, or any other KNX devices, can be controlled easily and securely using the features provided by the Apps and Voice Assistants from Apple, Google and Amazon. Your system will be more powerful than ever, controlling your devices when you are not at home, managing the temperature of the thermostats even when you are out, and sending you notifications if there is a leak from your washing machine. Creating scenes and automations is simple and quick, KNX and IoT devices, working together, will make your life more comfortable, and make it possible for you to customise a smart control of your home exactly as you want.

We have made sure that the installation, control, and configuration of devices is straightforward also. Adding Easykon™ to a KNX Home Automation system is quick and intuitive. Using the web interface, you can import the .xml project file and link the KNX group address with the categories of compatible objects. You can read all the information about installation, set up and use in the following pages.

Easykon™ for KNX has obtained all the certifications, which means that you won't have to worry about compatibility. In fact, Easykon™ supports all the functions provided by the Apps and Voice Assistants from Apple, Google, and Alexa that help you to monitor and manage your home with KNX technology.

**Are you ready to explore new KNX worlds with Easykon™?
Enjoy your home!**

Package contents

Easykon™ for KNX package contains:

- An Easykon™ for KNX bridge to be attached to the DIN rail of your electric system.
- A quick manual.

Technical specifications

Easykon™ for KNX:

- Dimensions: 36x90x62 mm.
- DIN rail case.
- 12/24 V AC/DC power supply.
- KNX twisted pair.
- Ethernet, 1Gb.
- 150 accessories for every Easykon. You can install more than one Easykon on the same system.

Installation

Requirements

To install Easykon™ for KNX you need:

- 12/24 V AC/DC power supply.
- Bus KNX connection.
- LAN connection.

We recommend you to use the services of a professional to install and configure Easykon for KNX.

Important

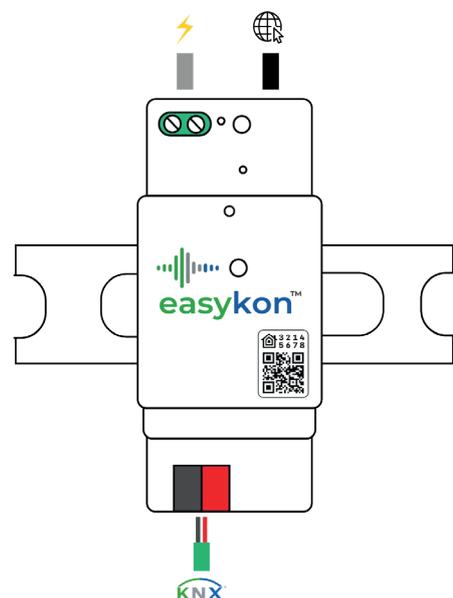
Before installing Easykon™ for KNX, remember to turn off the power to the system.

Installing Easykon™ for KNX

To install Easykon™ follow the steps below:

- Attach it to the DIN rail.
- Connect it to a router with the DHCP service enabled.
- Connect the KNX twisted pair cable.
- Connect the 12/24 V AC/DC power supply.

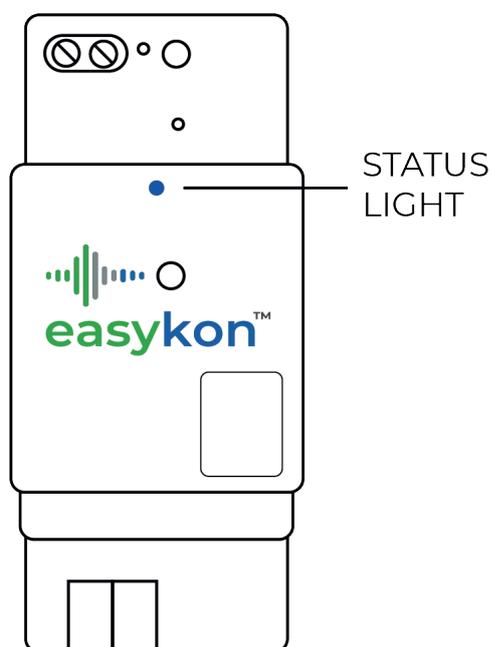
As soon as all these operations have been completed, turn the power to your system back on. The status light on the front of Easykon™ will remain red for about 30 seconds (start-up phase) before turning a solid blue.



What the status light colours mean

On the front of your Easykon™ for KNX there is a status light that shows the following colours:

- Solid blue: system ready.
- Flashing blue: system in reset or unpairing phase.
- Fixed magenta: no connection with the KNX bus.
- Flashing magenta: no Internet connection.
- Solid red: system in start-up phase or presence of a fault.
- Flashing red: Ethernet cable disconnected or faulty.



Pair Easykon™ for KNX to your Freedompro account

Pairing

Pair Easykon™ for KNX to your Freedompro account allows you to manage your product in a quick and easy way.

If you don't have a Freedompro account, go to the Freedompro Cloud login page (<http://home.freedompro.eu>) and use your Google or Facebook profile to set up your secure, new Freedompro account.

To pair Easykon™ for KNX to your account, access your profile, click on "Add new device" and wait for your product to become visible to your local network.

Select the device you want to pair and enter the 8-digit pairing code that you find printed on the label or inside the package.

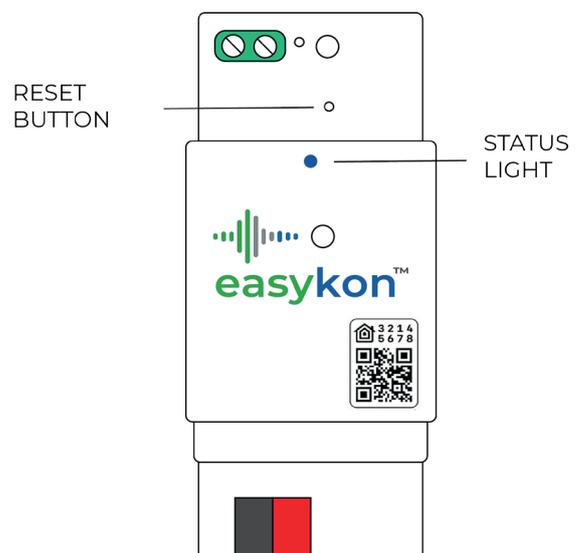
Unpairing

The unpairing procedure allows you to remove your Easykon™ for KNX from your Freedompro profile, from all users who have been invited to share devices, and from Apple, Google or Alexa applications. No user will then be able to control the device.

To unpair, hold down the button on the front of Easykon™ for KNX until the status light begins to flash blue.

To regain control over your system, re-link it to your Freedompro profile.

If you become the owner of a system in which Easykon for KNX™ had already been installed, we recommend you to run the unpairing procedure to prevent all those who were previously connected from controlling the system.



Configuration panel

Accessing the configuration panel

Access through the Freedompro Cloud

Log into your profile and click on the “Settings” button of the product you want to configure. Click on “Access device” and enter the password. If this is the first time you have logged in, the default password is Easykon1.

Access by IP address

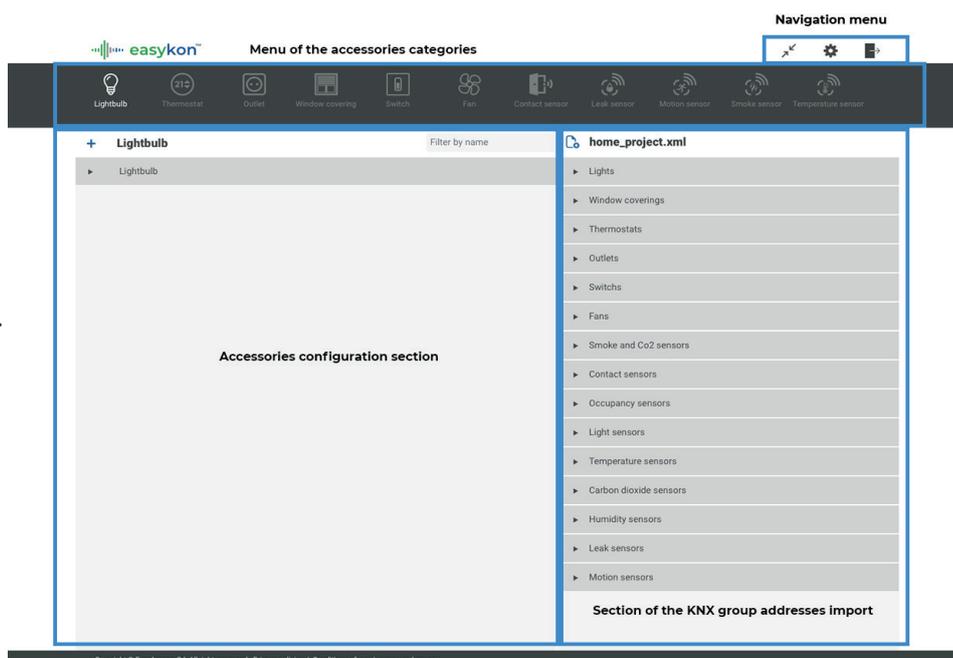
Open your Internet browser, enter the Easykon IP number in the address bar (for example http://192.168.1.2.), then enter the password. If this is the first time you have logged in, the default password is Easykon1.

After logging in for the first time, to keep your system safe, we recommend that you change the password.

Configuration panel overview

The configuration panel is divided into four sections:

- Navigation menu.
- Menu of accessories categories.
- Accessory configuration section.
- Section of the KNX group addresses import.



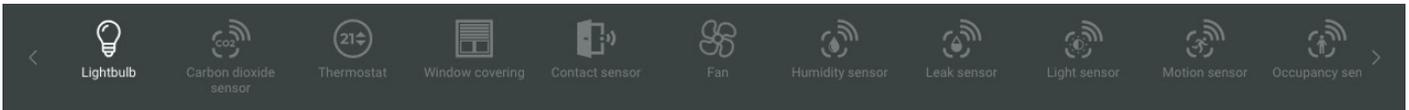
Navigation Menu

From the navigation menu you can:

-  Hide the categories menu. This feature gives you an optimised view of the entire configuration panel, even when using devices with small screens.
-  Enter the configuration panel settings. From here you can change the interface language, the login password, and backup or restore configurations.
-  Disconnect from the panel.

Menu of accessories categories

Using the accessories category menu, you can select the type of accessory you want to add or configure with the Easykon for KNX. Currently, there are 11 accessories categories available:



- Light
- Thermostat
- Window covering
- Switch
- Fan
- Outlet
- Contact sensor
- Leak sensor
- Motion sensor
- Smoke sensor
- Temperature sensor

Accessory configuration section

This section is used to add or modify accessories. Select the category from the top menu to manage the related accessory.

- Use the + button to add a new accessory. Each accessory has a name and one or more parameters.
- Use the search function to filter the accessories already configured based on the name assigned.

Section of the KNX group addresses import

In this section you can, quickly and easily, view the imported group addresses to be used for configuring the accessories.

Configuration

Import the KNX project file

To import the KNX project file, click on the icon  and select the .xml project file you want to import. Easykon for KNX will automatically check the validity of the file and, if correct, the name and structure of your project will be displayed. Scroll through the structure of the KNX project and drag and drop the group addresses into the parameter boxes of the devices you want to configure.

Compatible KNX accessories

Easykon™ for KNX is compatible with KNX systems and devices, with Apple, Google, Alexa smart home systems and with all the accessories supported by these systems. In the following table, you can find all the accessories categories supported by Easykon™ for KNX.

KNX accessory	Apple HomeKit	Google Home	Alexa
Light	✓	✓	✓
Thermostat	✓	✓	✓
Window covering	✓	✓	✓
Switch	✓	✓	✓
Fan	✓	✓	X
Outlet	✓	✓	✓
Contact sensor	✓	X	✓
Leak sensor	✓	X	X
Motion sensor	✓	X	✓
Smoke sensor	✓	X	X
Temperature sensor	✓	X	✓

Add an accessory

To configure an accessory, log into the configuration panel and select the right category in the accessories categories menu.

In the device configuration section, click +, enter the name you want to assign to this accessory (the default name is the english name of the accessory category). The name will be used by the Apple, Google and Alexa systems to identify the accessory using voice commands. You can change the name later directly from the Apple Home, Google Home or Alexa App.

After inserting the name, complete the accessory parameters. Every category has different parameters, some of them are mandatory, identified by the grey name and the impossibility to tick the check box, others are optional, identified by the white text and to the possibility to tick the check box.

In the following pages, you will see, in detail, all n Easykon™ for KNX accessories set up.

How to set up a light accessory

With Easykon™ you are able to transform your lights in smart and control them with the smartphone, or your voice. If your lightbulb allows it, you will be able not only to switch it on and off but also change the brightness, colour and saturation of lighting.

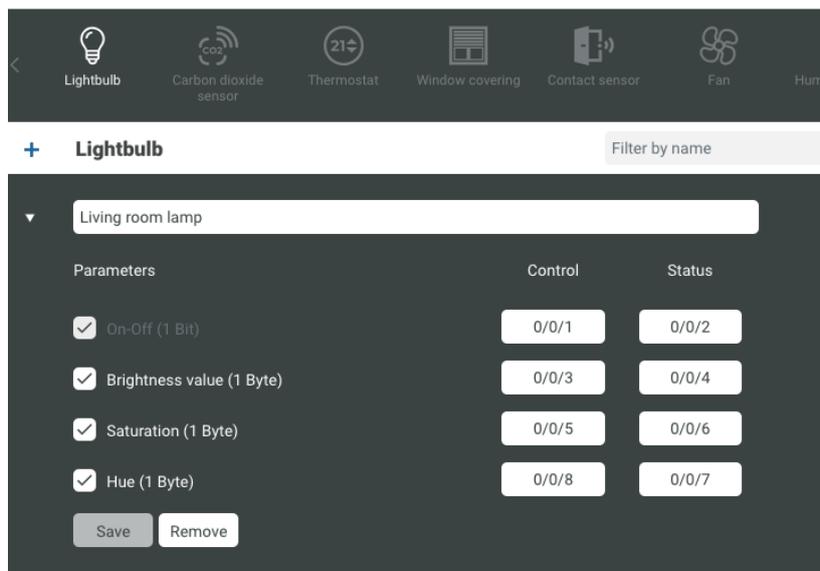
With Apple Home, Google Home e Alexa, it will be easy to create scenes, automations and routines to turn on, off or modify one or more lights settings with just one command, or make them interact with other accessories.

To add a Light accessory, from the accessories categories menu, select “Light” and click on +.

To set up the light, first of all, enter the name that identifies the accessory for the apps and digital assistants and then complete the parameters with the group addresses that allow Easykon™ to communicate with the light.

A light accessory has the following parameters:

- On/Off (1 Bit): it is the only mandatory parameter and is used to control the on/off function. It uses two Command and Status group addresses.
- Brightness (1 Byte): an optional parameter (only dimmerable lightbulbs have it) that allows you to vary the intensity of the light. It uses two Command and Status group addresses.
- Saturation (1 Byte): an optional parameter, that only lightbulbs that allow changing the saturation have, that allows you to vary the colour saturation of the light. It uses two Command and Status group addresses.
- Colour (1 Byte): an optional parameter, that only the lightbulbs that allow changing the light colour have, that allows you to vary the colour of the light (the light can be any colour you want). It uses two Command and Status group addresses.



If you already imported the KNX project of your system, it is possible to drag and drop group addresses of the light directly from the import area. If you have not imported the project or, if you want to modify the group addresses, you can insert the numbers one by one, anytime, from the configuration panel.

After inserting the name and all the necessary parameters, to complete the set up, click on save.

How to set up a Thermostat accessory

With Easykon™ you are able to transform your thermostats in smart and control them with the smartphone, or your voice.

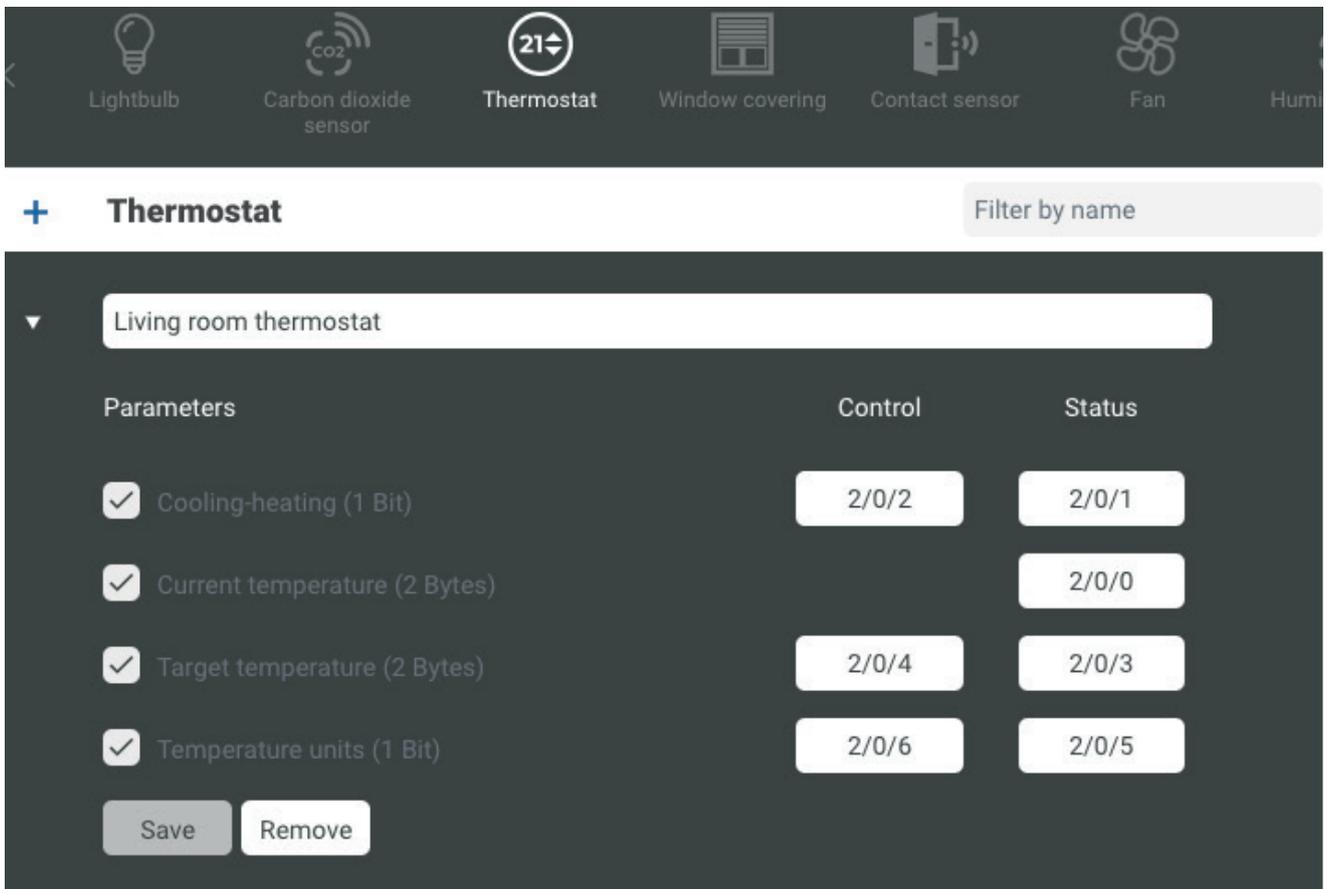
With Apple Home, Google Home e Alexa, it will be easy to create scenes, automations and routines to change automatically the temperature in every room based on the day, the time or on who is in the room in a certain moment.

To add a new thermostat accessory, from the accessories categories menu, select “Thermostat” and click on +.

To set up the thermostat, first of all, enter the name that identifies the accessory for the apps and digital assistants and then complete the parameters with the group addresses that allow Easykon™ to communicate with it.

A thermostat accessory has the following parameters:

- Cold/Hot (1 Bit): a mandatory parameter that commands the thermostat to increase or decrease the ambient temperature. It uses two group addresses, one for the Status and one for the Command that you want to give to the accessory.
- Current temperature (2 Bytes): a mandatory parameter for providing a temperature reading. Uses only 1 address in the State group.
- Set temperature (2 Bytes): a mandatory parameter to set the temperature required. It uses two Command and Status group addresses, one for the Status and one for the Command, to communicate the desired temperature.
- Unit of measurement (1 Bit): a mandatory parameter that allows you to manage the unit of measurements used by the thermostat. It uses two group addresses, one for the Status, to understand in which unit of measurement is the thermostat set and one for the Command, to communicate the unit measurement of the desired temperature.



If you already imported the KNX project of your system, it is possible to drag and drop group addresses of the thermostat directly from the import area. If you have not imported the project or, if you want to modify the group addresses, you can insert the numbers one by one, anytime, from the configuration panel.

After inserting the name and all the necessary parameters, to complete the set up, click on save.

How to set up a window covering accessory

With Easykon™ you are able to transform your window coverings in smart and control them with the smartphone, or your voice.

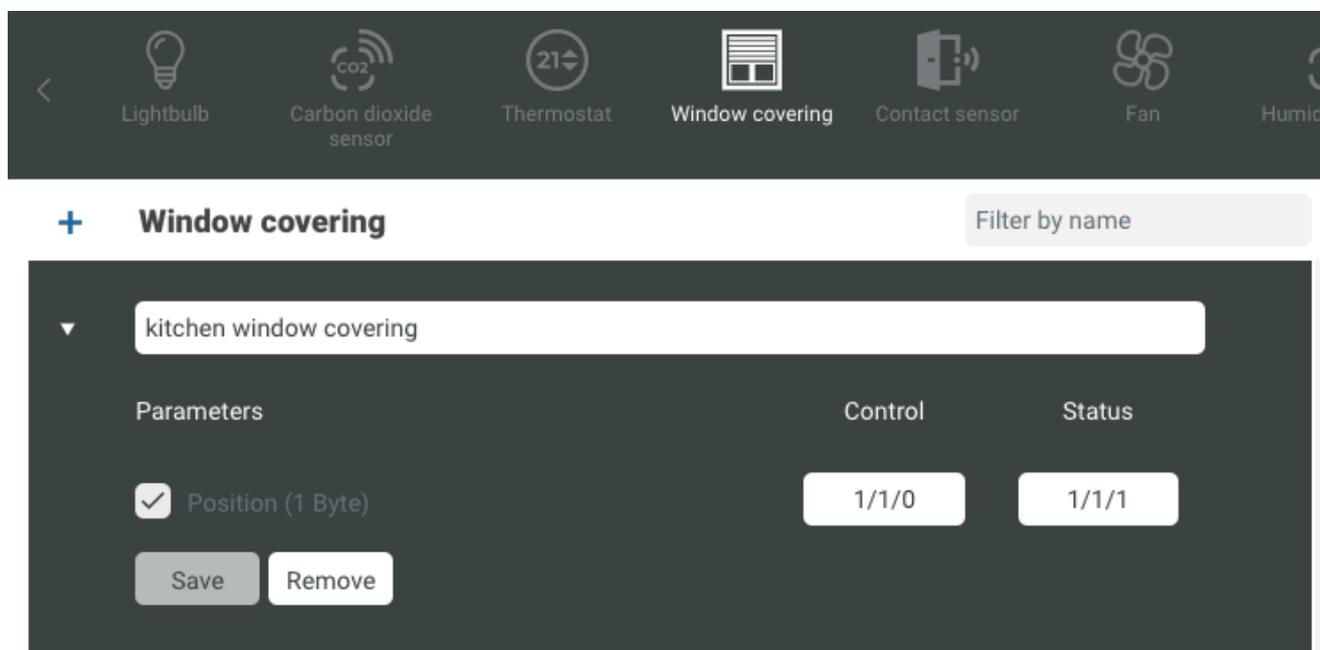
With Apple Home, Google Home e Alexa, it will be easy to create scenes and automations to change automatically the opening or cloding of the window coverings in the different rooms based on the time of the day.

To add a new window covering accessory, from the accessories categories menu, select “Window covering” and click on +.

To set up the window covering, first of all, enter the name that identifies the accessory for the apps and digital assistants and then complete the parameters with the group addresses that allow Easykon™ to communicate with it.

A window covering accessory has the following single parameter:

- Position (1 Byte): a mandatory parameter used to control the opening and closing of the window covering. It uses two Command and Status group addresses.



If you already imported the KNX project of your system, it is possible to drag and drop the group address of the window covering directly from the import area. If you have not imported the project or, if you want to modify the group address, you can insert the numbers one by one, anytime, from the configuration panel.

After inserting the name and all the necessary parameter, to complete the set up, click on save.

How to set up a switch accessory

With Easykon™ you are able to transform your KNX actuators in smart and control them with the smartphone, or your voice. The switch accessory is versatile and can be used to turn on or off different accessories in the house like the watering system or the garage door. It also, can be configured to control a group of accessories, for example all the lights of the house or all the window coverings.

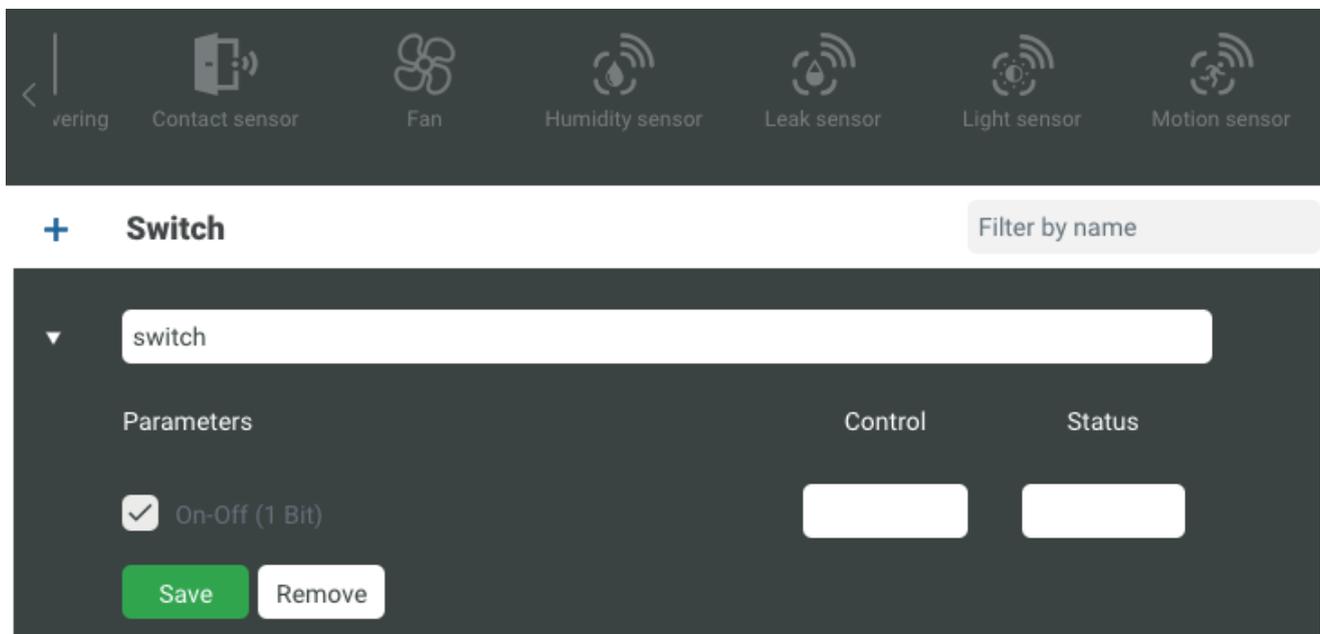
With Apple Home, Google Home e Alexa, it will be easy to create scenes, automations and routines to turn on and off the switch even if you are not at home.

To add a new switch accessory, from the accessories categories menu, select “Switch” and click on +.

To set up the switch, first of all, enter the name that identifies the accessory for the apps and digital assistants and then complete the parameters with the group addresses that allow Easykon™ to communicate with it.

A switch accessory has the following single parameter:

- On/Off (1 Bit): a mandatory parameter that controls the switch. It uses two Command and Status group addresses.



If you already imported the KNX project of your system, it is possible to drag and drop the group address of the switch directly from the import area. If you have not imported the project or, if you want to modify the group address, you can insert the numbers one by one, anytime, from the configuration panel.

After inserting the name and all the necessary parameter, to complete the set up, click on save.

How to set up a fan accessory

With Easykon™ you are able to transform your fans in smart and control them with the smartphone, or your voice.

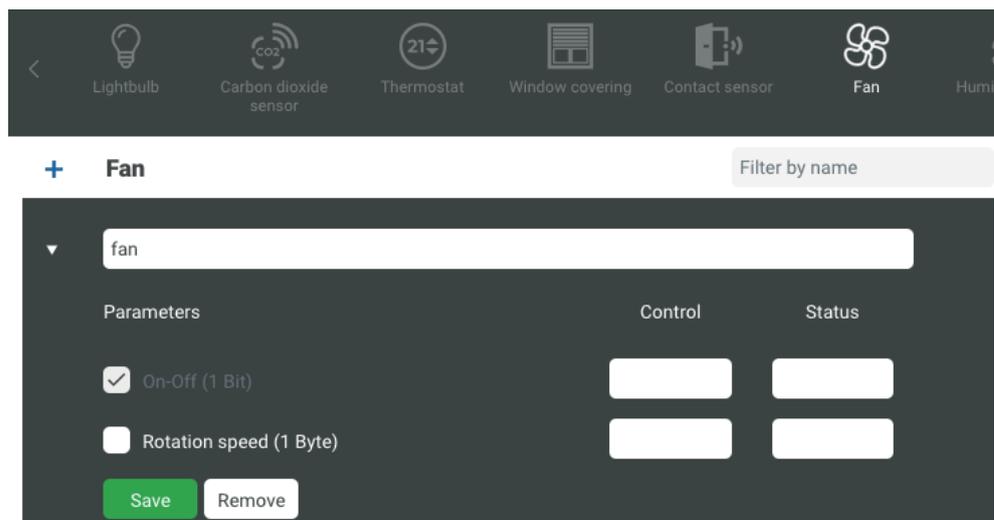
With Apple Home, Google Home e Alexa, it will be easy to create scenes, automations and routines to activate the fans together with other accessories, or automatically, at a certain time of the day or when there is a certain temperature in the room.

To add a new fan accessory, from the accessories categories menu, select “Fan” and click on +.

To set up the fan, first of all, enter the name that identifies the accessory for the apps and digital assistants and then complete the parameters with the group addresses that allow Easykon™ to communicate with it.

A fan accessory has the following parameters :

- On/Off (1 Bit): a mandatory parameter used to switch the fan on or off. It uses two Command and Status group addresses.
- Rotation speed (1 Byte): an optional parameter used to adjust the fan speed. It uses two Command and Status group addresses.



If you already imported the KNX project of your system, it is possible to drag and drop group addresses of the fan directly from the import area. If you have not imported the project or, if you want to modify the group addresses, you can insert the numbers one by one, anytime, from the configuration panel.

After inserting the name and all the necessary parameters, to complete the set up, click on save.

How to set up an outlet accessory

With Easykon™ you are able to control your KNX actuators to turn on or off the supply to an outlet, so you will be able to turn on and off the device connected to the outlet with your smartphone, or your voice. You will be able to monitor if the outlet is in use or not with Apple Homekit.

To add a new outlet accessory, from the accessories categories menu, select “Outlet” and click on +.

To set up the outlet, first of all, enter the name that identifies the accessory for the apps and digital assistants and then complete the parameters with the group addresses that allow Easykon™ to communicate with it.

An outlet accessory has the following parameters:

- Socket in use (1 Bit): a mandatory parameter that makes it possible to detect if the outlet is in use or not. Uses only 1 address in the State group.
- On/Off (1 Bit): a mandatory parameter used to switch the outlet on or off. It uses two Command and Status group addresses.

The screenshot shows the 'Outlet' category selected in the accessories menu. Below the category name, there is a search bar containing the text 'outlet'. The configuration table below has three columns: Parameters, Control, and Status. Two parameters are checked: 'Outlet in use (1 Bit)' and 'On-Off (1 Bit)'. The 'Outlet in use' parameter has one address field in the Status column. The 'On-Off' parameter has two address fields, one in the Control column and one in the Status column. At the bottom, there are 'Save' and 'Remove' buttons.

Parameters	Control	Status
<input checked="" type="checkbox"/> Outlet in use (1 Bit)		<input type="text"/>
<input checked="" type="checkbox"/> On-Off (1 Bit)	<input type="text"/>	<input type="text"/>

If you already imported the KNX project of your system, it is possible to drag and drop group addresses of the outlet directly from the import area. If you have not imported the project or, if you want to modify the group addresses, you can insert the numbers one by one, anytime, from the configuration panel.

After inserting the name and all the necessary parameters, to complete the set up, click on save.

How to set up a contact sensor accessory

With Easykon™ you are able to control your KNX contact sensors to detect, for example, if doors or windows have been opened or closed.

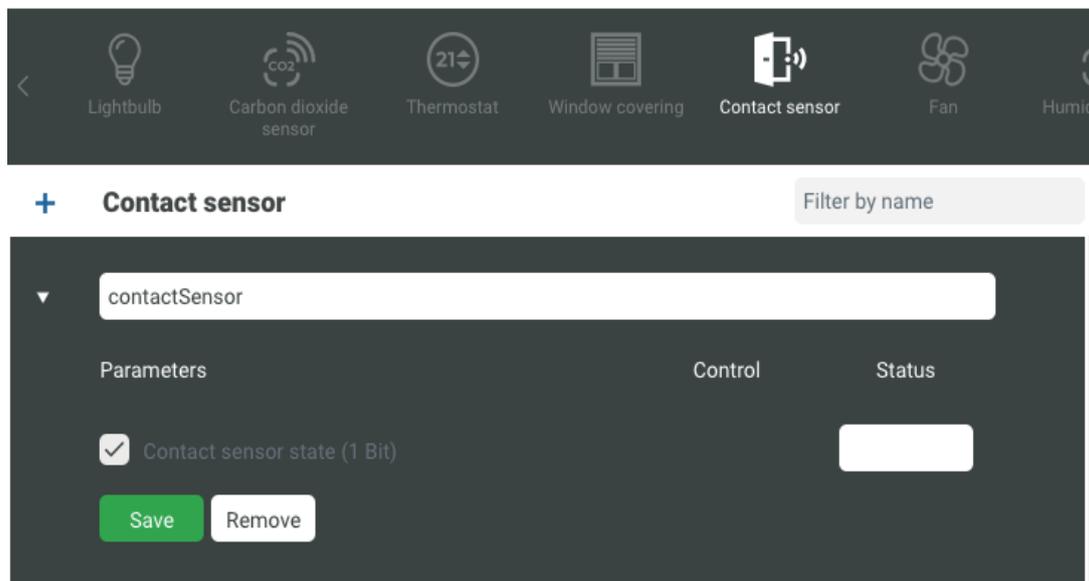
With Apple Home, Google Home e Alexa, it will be easy to monitor the sensor even when you are outside the house, or you can create automations that allows the sensor to activate od de-activate other accessories based on the opening or closing of the door or the windows.

To add a new contact sensor accessory, from the accessories categories menu, select “Outlet” and click on +.

To set up the contact sensor, first of all, enter the name that identifies the accessory for the apps and digital assistants and then complete the parameters with the group addresses that allow Easykon™ to communicate with it.

A contact sensor accessory has the following single parameter:

- Contact sensor status (1 Bit): a mandatory parameter used to check if the sensor detects contact or not. Uses only 1 address in the State group.



If you already imported the KNX project of your system, it is possible to drag and drop group address of the contact sensor directly from the import area. If you have not imported the project or, if you want to modify the group address, you can insert the numbers one by one, anytime, from the configuration panel.

After inserting the name and all the necessary parameter, to complete the set up, click on save.

How to set up a leak sensor accessory

With Easykon™ you are able to control your KNX leak sensors to detect, for example, a water leak in the laundry room.

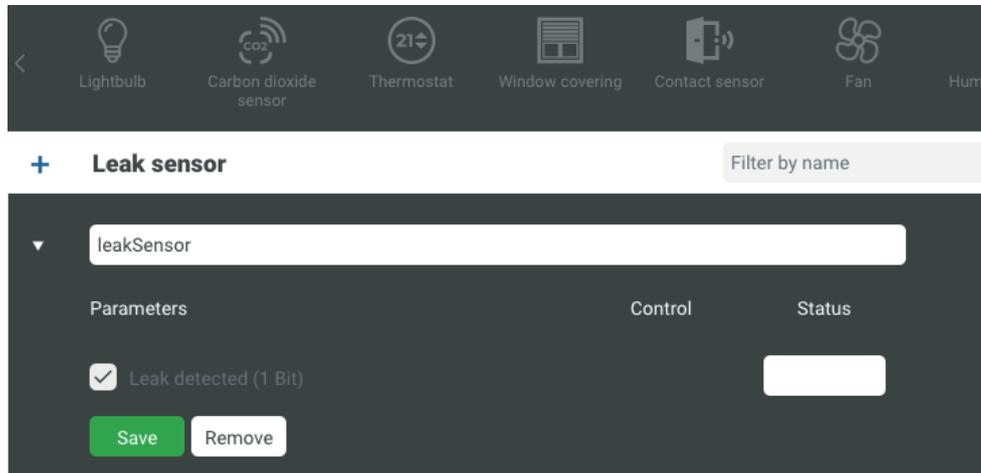
With Apple Home, Google Home e Alexa, it will be easy to monitor the sensor even when you are outside the house, or you can create automations so that you can receive a push notification if a leak is detected.

To add a new leak sensor accessory, from the accessories categories menu, select “Leak Sensor” and click on +.

To set up the leak sensor, first of all, enter the name that identifies the accessory for the apps and digital assistants and then complete the parameters with the group addresses that allow Easykon™ to communicate with it.

A leak sensor accessory has the following single parameter:

- Leak detected (1 Bit): a mandatory parameter used to detect if there is water present. Uses only a single state group address.



If you already imported the KNX project of your system, it is possible to drag and drop group address of the leak sensor directly from the import area. If you have not imported the project or, if you want to modify the group address, you can insert the numbers one by one, anytime, from the configuration panel.

After inserting the name and all the necessary parameter, to complete the set up, click on save.

How to set up a motion sensor accessory

With Easykon™ you are able to control your KNX motion sensors to detect a person's movement in a room.

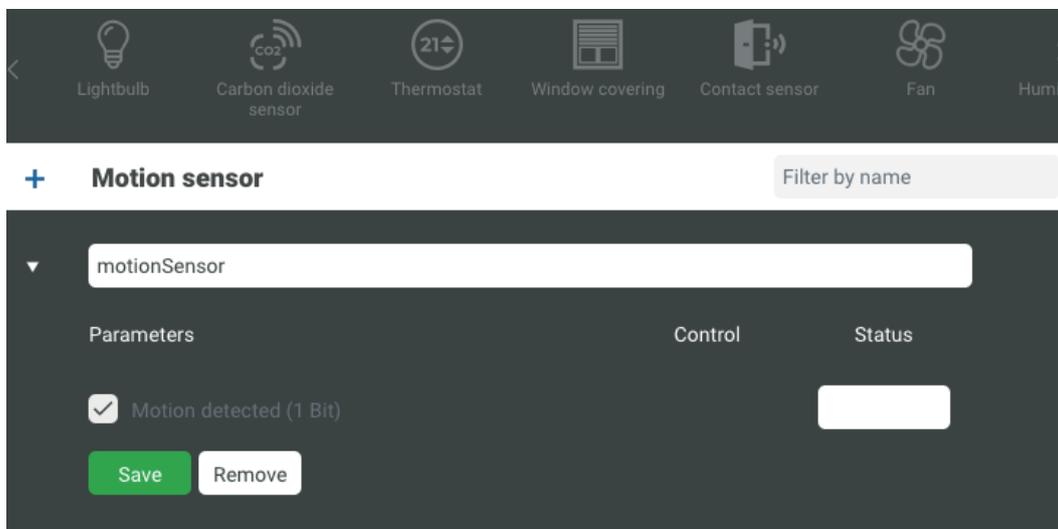
With Apple Home, Google Home e Alexa, you will be able to create several automations so that you will receive push notifications or other accessories will be activated if a movement is detected.

To add a new motion sensor accessory, from the accessories categories menu, select "Motion Sensor" and click on +.

To set up the motion sensor, first of all, enter the name that identifies the accessory for the apps and digital assistants and then complete the parameters with the group addresses that allow Easykon™ to communicate with it.

A motion sensor accessory has the following single parameter:

- Movement detected (1 Bit): a mandatory parameter used to detect if there has been any movement. Uses only 1 address in the State group.



If you already imported the KNX project of your system, it is possible to drag and drop group address of the motion sensor directly from the import area. If you have not imported the project or, if you want to modify the group address, you can insert the numbers one by one, anytime, from the configuration panel.

After inserting the name and all the necessary parameter, to complete the set up, click on save.

How to set up a smoke sensor accessory

With Easykon™ you are able to control your KNX smoke sensors to detect if there is smoke in your house.

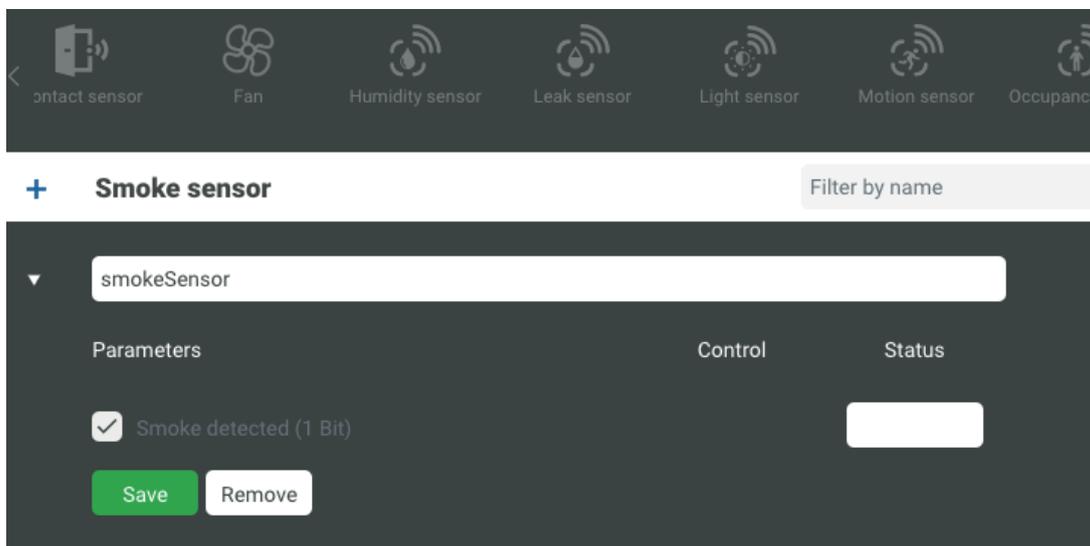
With Apple Home, Google Home e Alexa, you will be able to create several automations so that you will receive push notifications or automatically open the window coverings if smoke is detected in the house.

To add a new smoke sensor accessory, from the accessories categories menu, select “Smoke Sensor” and click on +.

To set up the smoke sensor, first of all, enter the name that identifies the accessory for the apps and digital assistants and then complete the parameters with the group addresses that allow Easykon™ to communicate with it.

A smoke sensor accessory has the following single parameter:

- Smoke detected (1 Bit): a mandatory parameter used to signal if the sensor has detected smoke. Uses only 1 address in the State group.



If you already imported the KNX project of your system, it is possible to drag and drop group address of the smoke sensor directly from the import area. If you have not imported the project or, if you want to modify the group address, you can insert the numbers one by one, anytime, from the configuration panel.

After inserting the name and all the necessary parameter, to complete the set up, click on save.

How to set up a temperature sensor accessory

With Easykon™ you are able to control your KNX temperature sensors to detect the temperature of a room.

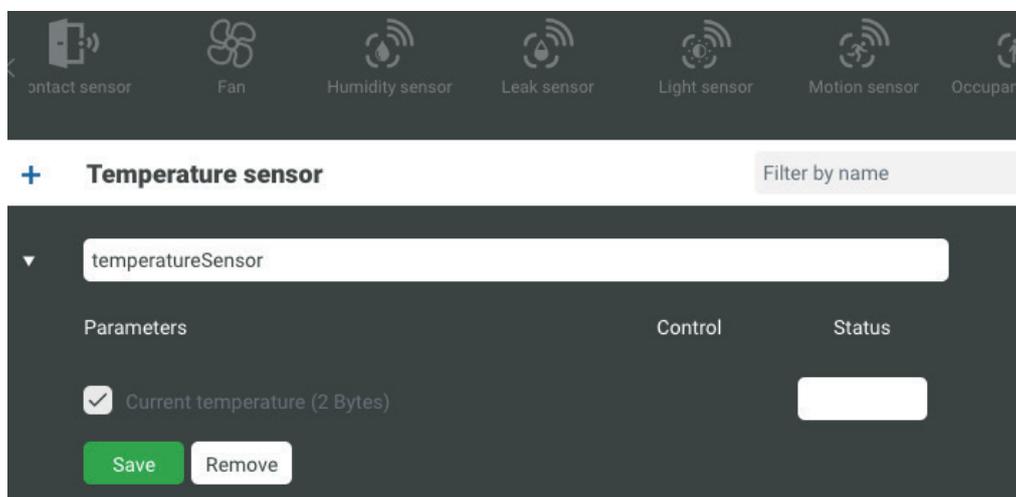
With Apple Home, Google Home e Alexa, you will be able to create several scenes, routines and automations so that, based on the detected temperature, your thermostats or air conditioning will turn on or off.

To add a new temperature sensor accessory, from the accessories categories menu, select “Temperature Sensor” and click on +.

To set up the temperature sensor, first of all, enter the name that identifies the accessory for the apps and digital assistants and then complete the parameters with the group addresses that allow Easykon™ to communicate with it.

A temperature sensor accessory has the following single parameter:

- Current temperature (2 Bytes): a mandatory parameter used to measure the temperature. Uses only 1 address in the State group.



If you already imported the KNX project of your system, it is possible to drag and drop group address of the temperature sensor directly from the import area. If you have not imported the project or, if you want to modify the group address, you can insert the numbers one by one, anytime, from the configuration panel.

After inserting the name and all the necessary parameter, to complete the set up, click on save.

Use Easykon™ for KNX with Apple HomeKit



Apple HomeKit overview

HomeKit is a system developed by Apple that allows the user to control various types of smart device using a single app called Home. With HomeKit every compatible device can also be controlled by voice command, using Siri's artificial intelligence.

Easykon has gained Apple certification and has become an official product of the HomeKit family. With Easykon the quality and stability of the KNX standard are combined with the functionality of Apple products and systems for more secure and smart homes.

Pairing Easykon™ with Apple HomeKit

Easykon for KNX allows you to control a KNX system using Apple iOS devices, version 9.0 and higher, and OS X version 10.14 and higher.

To control your KNX system with Apple, follow these simple steps:

- Log into your Freedompro profile.
- Pair Easykon™ for KNX with your Freedompro profile.
- On your compatible HomeKit Apple device, open the Home app (download it from the App Store).
- Tap on the + button and select 'Add device' and use your device's camera to scan the QR code, on the front label of your Easykon™ for KNX.

Once you have paired Easykon for KNX, you can then customise the devices.

Now you are ready to use your KNX system with the Apple Home App or, even easier, with Siri simply by using voice commands. The house is now under your command.

Easykon™ & HomeKit: your home at your command

Once you have paired Easykon for KNX to Apple you will be able to manage your entire KNX system with the Apple Home App or by voice command using the Siri Voice Assistant.

Speaking normally, you don't need to use any pre-set commands. Siri's artificial intelligence will understand your requests and carry them out immediately.

The power of Apple, combined with the features of the KNX standard, makes new features and functions available, while maintaining security and reliability. Controlling multiple devices simultaneously through scenes will change the settings for a particular environment, or the entire home interior. Your home will adapt to your pace of life and your routines in a straightforward and natural way.

Setting up time-based automations automates routine commands. Your system will execute them on its own and you will no longer have to worry about them.

With Easykon™ and Apple you control your KNX system whenever you want and wherever you are. You will always have complete control of your home. Your home will always be connected to you. You can use the Apple Home App or talk to Siri, even when you're away from home. Your KNX system will continue to respond to your commands.

To manage your system when you're away from home, you will need an Apple TV (4th or 3rd generation) or an iPad (with the latest iOS version) configured as a domestic hub.

Use Easykon™ for KNX with Google



Google Home e Google Assistant overview

With the Google Home App, you can control thousands of devices (lights, TVs, speakers, etc.) with a single application. Every accessory associated with the Google Home app can be controlled by voice with Google Assistant's artificial intelligence.

Easykon™ has gained Google certification and has become an official product of the Google family. With Easykon, the quality and stability of the KNX standard are enhanced by the variety of devices and the wide range of functions available in Google products and systems, to create increasingly functional and comfortable homes.

Pairing Easykon™ with Google Home

With Easykon™, controlling your KNX system using the Google Home App or Google Assistant is quick and easy.

To pair Easykon™ for KNX with Google follow this simple procedure:

- Log in to your Freedompro account.
- Pair Easykon™ for KNX to your Freedompro account.
- Open the Google Home app on your phone or tablet. (If you don't have the app, you can download it for free from the Play store or the App Store).
- Press the "+" button to add a new device and select "Configure device".
- Choose "Compatible with Google" and select Easykon for KNX from the list that appears, then log in with your Freedompro account.
- Return to the main screen to start using the device configured on Easykon™.

You can now control your KNX system with the Google Home app or by voice using Google Assistant.

Easykon™ & Google: an assistant for your house

Once you have added Easykon™ for KNX to your Google Home app you will be able to manage all your devices from your smartphone, or by voice, using Google Assistant. Speaking normally, you don't need any pre-set commands. Google's artificial intelligence will understand your requests and activate your KNX accessories immediately.

Google Home can help you in many of your daily activities. Linking it to the KNX system will make managing your home even easier, more convenient and faster.

Use Google Quick Actions to gain control over your entire home. Create routines that control different devices together: in no time at all, and without effort, you can change the atmosphere of a room and adapt it to your needs. Automate the day-to-day operation of your devices so that you can spend more time on your interests and passions. Google with KNX will take care of managing your home.

Thanks to the interaction between Freedompro Cloud and Google Cloud, with the app and your Google Voice Assistant you can control your KNX system, even when you are not at home. All you need is Easykon™ and an Internet connection to the app Google Home or Google Assistant. You will not need to purchase any additional components, set up any particular configurations, or subscribe to any third-party services. Wherever you are, use the app or, even easier, talk to your voice assistant to control your system. Home devices respond to your orders: enjoy increased security while you are away and optimal comfort when you come home.

Use Easykon™ for KNX with Alexa



Alexa overview

Alexa is an artificial intelligence software based on the Amazon Cloud and is designed to be operated with voice commands. You can manage Amazon devices with the Alexa application or with voice commands using a smart speaker with integrated Alexa.

Easykon™ has gained Amazon certification and has become a product of the Alexa family. You can find the Skill you need on the official Amazon website. Download it to control your KNX system with Alexa. With Easykon™, the quality and stability of the KNX standard can be controlled, effectively and efficiently, by voice commands.

Pair Easykon™ with Alexa

With Easykon™, controlling your KNX system with Alexa becomes as natural as speaking.

To pair Easykon™ for KNX con Alexa, with Alexa, do the following:

- Sign in to your Freedompro account.
- Pair Easykon™ for KNX to your account Freedompro.
- Download the free Alexa app from the Google Play Store or the Apple App Store.
- Login or create an account.
- Click on the “Devices” icon in the menu.
- Add Easykon™ for KNX as a new device by clicking on the “+” at the top right and select the “Add device” item.
- Enable Easykon™ for KNX to connect to the Amazon world by clicking on the “Enable use” button.
- Select Easykon™ for KNX from the list and log in to your Freedompro account.
- Return to the start screen: there you will now find the categories of devices configured on Easykon by the installer.

Now you are all set to control your KNX system by talking to Alexa. Your home will now respond and take orders on hearing your voice.

Easykon™ & Alexa: talk to your home

Once you have paired Alexa with Easykon™ for KNX, you can manage your home simply by speaking or using Amazon's Alexa app. You won't have to use any pre-set commands, just speak normally. Moreover, the more you use Alexa, the better it will understand your commands, and, over time, it will become even more efficient at carrying out your orders.

The combination of Alexa and Easykon™ for KNX will make your KNX system smart. Controlling multiple devices simultaneously with groups will change the ambience of a room, or of your whole home, quickly and intuitively. Customising your KNX system with a single command will give you more control to meet the varied needs of your whole family.

Thanks to the interaction between the Freedompro Cloud and Amazon, the application and the Alexa Voice Assistant can also control your KNX system remotely. You will not need to purchase any additional components, set up any particular configurations, or subscribe to any third-party services.

Your home, through your smartphone, will receive your commands even when you're out. Alexa will carry out your orders and monitor your devices, giving you total control of the KNX system, for increased security and comfort.

Settings

Changing the configuration panel language

Open the configuration panel, click on the settings icon  , and select “Change language” from the menu on the left and follow the instructions.

The languages available are: Italian and English.

Change your password

In the configuration panel, click on the settings icon  and select “Change password” from the menu on the left. Follow the instructions to complete the password change.

The new password must contain the following:

- at least one uppercase character
- at least one lowercase character
- at least one numerical character
- at least one alphabetic character
- at least 8 characters

After changing your password, you will need to log in again.

Important

It is not possible to recover the password for the Easykon for KNX configuration panel. If you have forgotten your password, you will have to restore the factory settings.

Backup and restore

Backup

The backup feature allows you to make a copy of your configurations. Easykon's backup makes a copy of all the devices configuration and generates an encrypted .easykon file, for greater security.

The backup does not include a password or the previously imported KNX project file.

We recommend that you backup at the end of the configuration process. To create a backup, open the configuration panel, click on the "Settings" icon  on the navigation menu and then on "Backup".

Restoring device configurations

To restore Easykon™ for KNX, open the configuration panel, click on the "Settings" icon  click on "Select .easykon file", select the file on your computer and click "Import". All your devices will be reconfigured based on the data in the restored backup file.

The restoring doesn't effect:

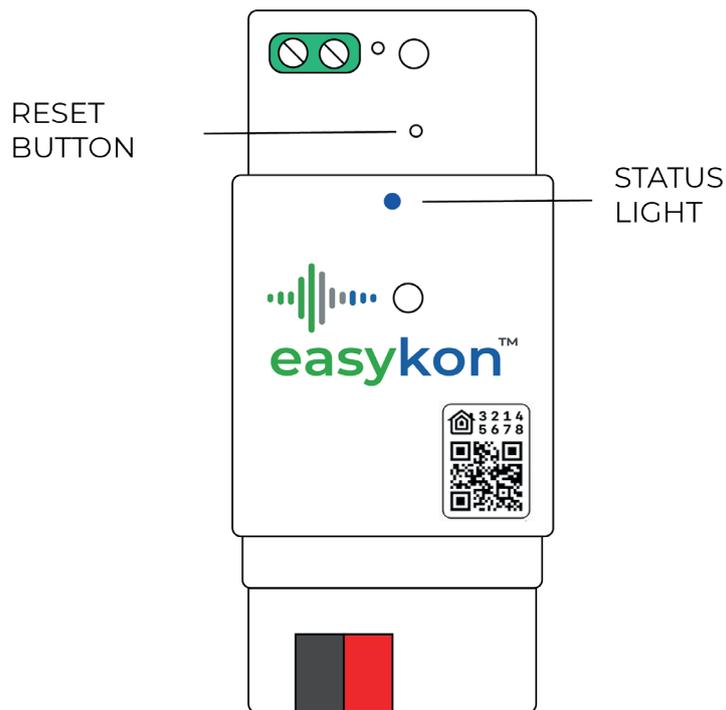
- The configuration panel password.
- The Easykon™ for KNX user/owner.
- User shares.
- Any previous pairings with Apple, Google, and Amazon Apps and Voice Assistants.
- The settings, customisations, scenes and automations on your app or activated by your Voice Assistant.

If an app has already been paired with Easykon™ for KNX, after the reset, the devices, recovered from the backup file, will become visible and be immediately ready for use. To use Easykon™ for KNX again you will have to pair it to a Freedompro profile, reconfigure the devices and pair them with Apple, Google or Alexa.

Restoring the factory settings

Restoring Easykon™ for KNX to the factory settings removes all device configurations and returns it to its original state. Running the recovery process you will delete all devices, preferences, passwords, the owner/user, shares, and linked applications.

To restore your Easykon™ for KNX to the factory settings, hold down the reset button using a pin or paper clip, until the status light starts to flash blue.



Support

Easykon™ for KNX is created, developed and produced by Freedompro s.r.l.

We continuously work to update it, anlarge its functionalities and offer to our customers more smart and comfortable homes.

If you need support or more information, go to: **<http://support.freedompro.eu>** .

You will find other details about Easykon™, about the Freedompro cloud and a section to contact us to receive support on our products.

You can find some tutorials that will guide you in Easykon™ for KNX set up on our YouTube channel: **Freedompro s.r.l.**

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