



PAIROT

Matter manual

Version 1.0 – October 2025

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Screenshots in this manual and the actual screens on your computer can be different. Updates are made to the website and the products on a regular basis.

More information can be found at www.xxter.com/pairot

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Welcome

With Pairot, from xxter, you can control the KNX installation of a home with HomeKit, Alexa and/or Google Home. Additionally, you can control the KNX installation through Matter and make Matter accessories available to KNX.

This manual explains the steps to link Pairot with any Matter compatible assistant, like for instance, the Apple Home app, Google Home, Samsung SmartThings, and many others.

This manual also describes how to link a Matter accessory to Pairot, to make it available and integrate it in the KNX installation. A Matter accessory can be a Matter light bulb, blinds, a smart lock, etc. For a complete overview of the supported Matter accessory types, please see our website.

For other settings and basic commissioning, please refer to the Pairot installation manual.

The manual expects the installation professional, who has knowledge of the KNX home automation protocol, to be responsible for the KNX installation.

More information on the use of Matter with an assistant can be found on the website for those assistants, e.g. Apple, Google, Samsung or others.

For more information, please visit www.xxter.com/pairot.

1. Preface

Before you continue, please make sure the Pairot device has been set-up correctly and the appropriate KNX components have been configured. For more information on how to do this, please see the Pairot installation manual on our website:

www.xxter.com/pairot

Setting up Matter can be done with the iOS or Android app for Pairot, or through the local web interface of the Pairot device.

You can download the Pairot app through the Apple App Store, or Google Play Store.

Apple App Store



Google Play Store



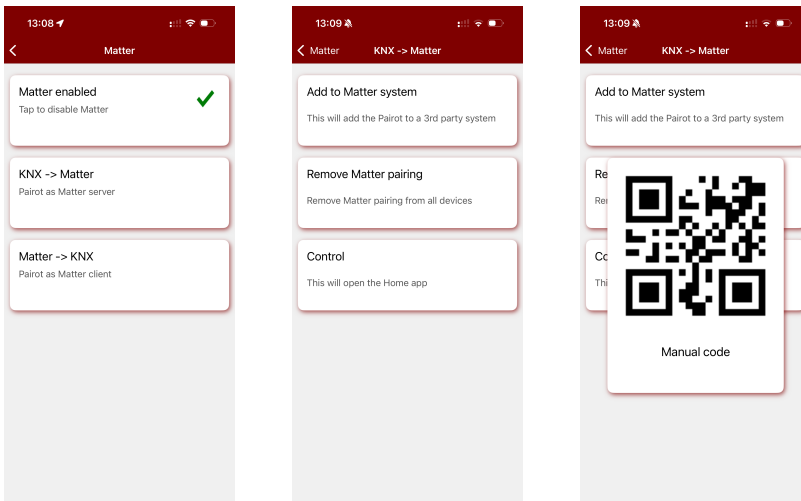
2. Pairing to Pairot through Matter

To connect a Matter compatible assistant to Pairot, you need to enable Matter on your Pairot device, generate a unique pairing code, and then use that code in your Matter assistant to complete the pairing. For this pairing, it is not required to have a Thread border router.

With the app

Make sure your mobile device is on the same network as the Pairot device, open the Pairot app and connect to your Pairot device. Go to *Matter* and tap the first tile to enable it. After a short while, the Matter protocol will be enabled.

Next, you can tap *KNX -> Matter* and *Add to Matter system*. You can then either scan the QR code (on another device) or copy the code to enter it manually.



In the Matter assistant of your choosing, select the option to add a new Matter accessory, and scan the QR, or enter the code manually. Follow the steps of the assistant to complete the pairing.

After pairing, you can control your KNX environment through Matter with the assistant of your choosing.

On the local web interface

Access the local IP of your Pairot device in your browser and login on the local web interface. How to determine the IP of your Pairot, please refer to the installation manual. In most cases, the Pairot device will also be available through <http://pairot.local>.

Go to the *Protocol* page, on the Matter section, choose *Enabled* and click *Apply*. After a short while, the Matter protocol will be enabled, and it is ready for pairing.

Next, you can click on the *Start* button and then *Show setup QR*. You can either scan the QR code or copy the code to enter it manually.

Matter

Matter:

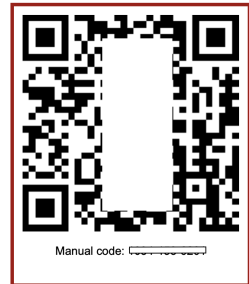
Enabled 

Matter bridge

Matter bridge:

Setup:

Ready for pairing
Setup in progress



In the Matter assistant of your choosing, select the option to add a new Matter accessory and scan the QR, or enter the code manually. Follow the steps of the assistant to complete the pairing.

After pairing, you can control your KNX environment through Matter with the assistant of your choosing.

3. Connecting Matter accessories to KNX

You can also use Pairot to make Matter accessories available to KNX. This allows a complete bidirectional integration of the Matter accessory into the KNX installation. Matter must be enabled on your Pairot to link to other Matter accessories, but it is not mandatory to pair Pairot with an assistant, as described in chapter 2 of this manual.

We will first explain the basic procedure, and then describe how to perform the steps required.

1 – To link a Matter accessory to Pairot, the Matter accessory must first be set-up with the assistant of your choosing. If you have linked the Matter accessory and are able to control it on your mobile device, you can then open the settings of that accessory and enable pairing mode. This will provide a code and allows you to link the accessory to Pairot.

2 – With the pairing code, perform the pairing to the Pairot device, either through the Pairot app, or on the local web interface.

3 – After the Matter accessory is successfully paired to Pairot, you need to load the configuration to *My xxter*. This will synchronize the Matter accessory to the cloud, so you can set up the KNX group addresses.

4 – On *My xxter*, you can now set up the appropriate KNX group addresses for the Matter accessory.

5 – When the KNX group addresses are set-up, you need to load the configuration again. This will synchronize the new group addresses to the Pairot device.

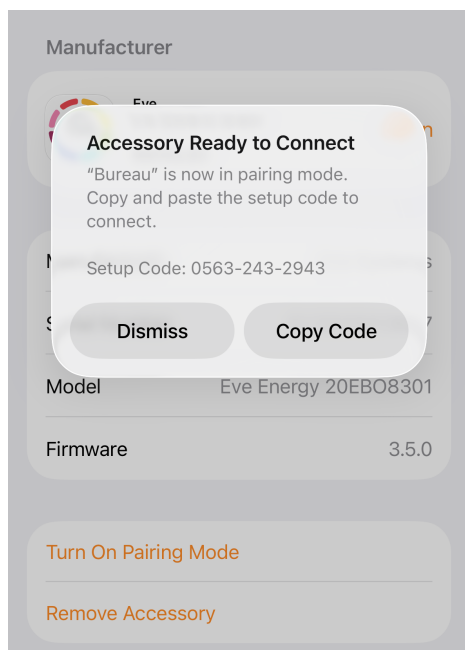
After these steps, you can control the Matter accessory with KNX telegrams, and receive status information back on the KNX bus.

Step 1 – Enable pairing mode for the Matter accessory

To connect a Matter accessory to Pairot, like a Matter light, blinds or smart lock, the Matter accessory should first be set-up through a regular assistant, for instance the Apple Home app, Google Home or Samsung SmartThings.

Since the Pairot device does not have a Thread border router built-in, such a border router needs to be present in the network. This can be for instance an Apple HomePod (mini), Apple TV, or other Matter compatible smart speaker or smart TV.

Through the assistant you are using, enable pairing mode of the Matter accessory you want to link with KNX. See the manual for the assistant you are using how to do this. When the Matter accessory is set in Pairing mode, you will be shown a dynamic pairing code. Please note that this is never the same code that is printed on your Matter accessory.



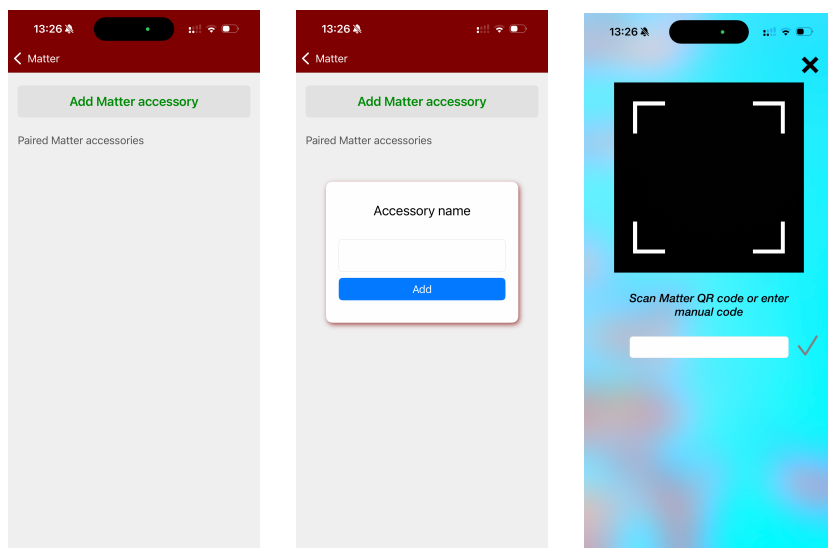
Now you have several minutes to perform the pairing.

Step 2 – Pairing the accessory to Pairot

With the app

Make sure your mobile device is on the same network as the Pairot device, open the Pairot app and connect to your Pairot device. Go to Matter and tap the first tile to enable it, if it is not already enabled. After a short while, the Matter protocol will be enabled.

When Matter is enabled, tap *Matter -> KNX* and then *Add Matter accessory*. Next, enter the name you want to use for your accessory, and either scan the QR code or provide the pairing code from step 1. After you tap the check button, it will search for the correct border router, and link with the accessory. This can take a couple of minutes.



After pairing is complete, it will be shown in the list of Paired Matter accessories. It can take another couple of minutes for Pairot to receive all the details of the Matter accessory.

On the local web interface

Access the local IP of your Pairot device in your browser and login on the local web interface. How to determine the IP of your Pairot, please refer to the installation manual. In most cases, the Pairot device will also be available through <http://pairot.local>.

Go to the *Protocol* page, on the Matter section, choose *Enabled* and click *Apply*, if it is not already enabled. After a short while, the Matter protocol will be enabled.

Next, you can click on the *Add* button and in the pop-up enter the name you want to use for your accessory, and provide the pairing code from step 1. After you click *Add*, it will search for the correct border router, and link with the device. This can take a couple of minutes.

Matter

Matter:

Matter bridge

Matter bridge:

Setup:

Matter accessories

Matter accessory:

Enabled

Apply

Ready for pairing

Start

Add

Add Matter accessory

Commissioning: Ready

Accessory name:

Pairing code:

Add

After pairing is complete, on the *Status* page, it will be shown in the list of accessories. It can take another couple of minutes for Pairot to receive all the details of the Matter accessory.

Matter accessories

* Eve Systems // Eve Energy 20EBO8301

Switchable plug

Plug

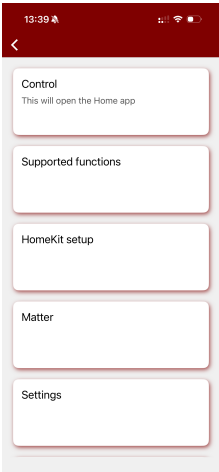
⋮

Step 3 – Load configuration to synchronize the accessory

Now the accessory is linked, it must be synchronized to the xxter cloud.

With the app

On the overview page of your Pairot device, tap *Supported functions* and then the *Load configuration* button, to synchronize with the xxter cloud.



On the local web interface

Click on the *Load configuration* button on the top left corner of the screen, to synchronize with the xxter cloud.



Load configuration

Status

Settings

- basic

- protocols

- system

Log off

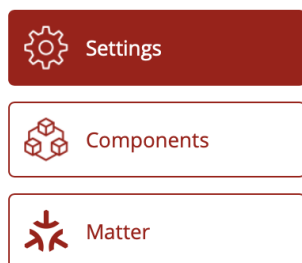
Step 4 – Set up the KNX group addresses

Login on *my xxter*, as the professional user.

Go to the Pairot project that is set up for the Pairot device and open the *Matter* tab. Here you will see the paired Matter accessory(s) from step 2.

MY XXTER / Projects / Pairot project

Pairot project



Click on any of the input fields and enter the group addresses you want to link with the accessory. Please make sure these group addresses are reserved in ETS to use for this purpose.

	Type	Name		M ==> KNX	KNX ==> Matter		DPT	
	Plug	Eve energie	On/off	1/0/1	1/0/0	1.001	☒	☐
			Power (kW)			9.024		
			Power (W)			14.056		
								

Please note: group addresses in the *sending* field (M=>KNX), will be used by the Matter accessory to send its status information on the KNX bus. Group addresses in the *status* field (KNX => Matter), will be routed to the accessory to allow you to control the accessory from KNX.

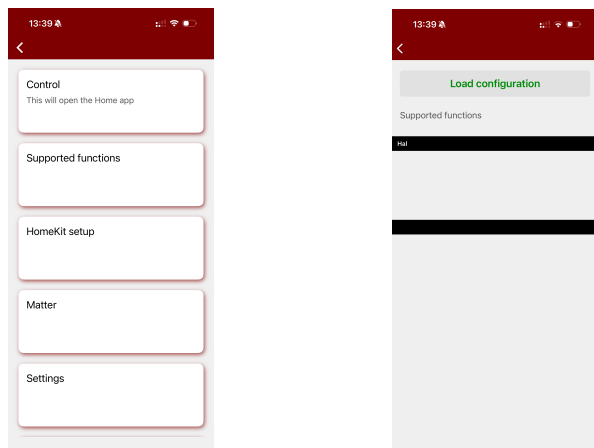
After you have entered the group addresses, click the green checkbox to save the data.

Step 5 – Load configuration to synchronize KNX group addresses

Now the group addresses are set-up, they must be synchronized back to the Pairot device.

With the app

On the overview page of your Pairot device, tap *Supported functions* and then the *Load configuration* button, to synchronize the device with the xxter cloud.



On the local web interface

Click on the *Load configuration* button on the top left corner of the screen, to synchronize the device with the xxter cloud.



Load configuration

After this step, the integration of the Matter accessory to KNX is complete. You should now see status updates from the Matter accessory on the KNX bus, and control the Matter accessory through KNX telegrams.

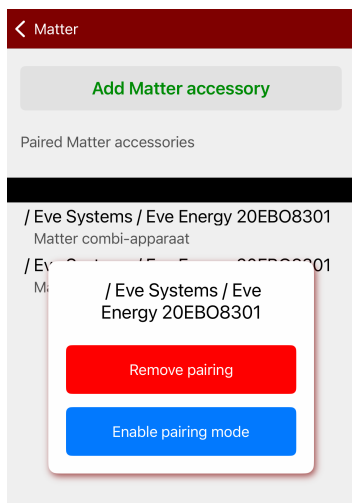
Removing Matter accessories from Pairot

You can always remove a Matter accessory from Pairot. This can be done through the app, or the local web interface.

With the app

Make sure your mobile device is on the same network as the Pairot device, open the Pairot app and connect to your Pairot device.

Go to *Matter* and tap *Matter -> KNX* and then on the accessory you want to remove. Then tap *Remove pairing* to unlink with the accessory.



Next, on the overview page, tap *Supported functions* and then the *Load configuration* button, to synchronize the removed accessory with the xxter cloud.

On the local web interface

Access the local IP of your Pairot device in your browser and login on the local web interface. How to determine the IP of your Pairot, please refer to the installation manual. In most cases, the Pairot device will also be available through <http://pairot.local>.

On the *Status* page, click the button with the four dots next to the accessory you want to remove, and choose *Remove pairing*.

Matter accessories

* Eve Systems // Eve Energy 20EBO8301
Switchable plug Plug

⋮

Remove pairing
Enable pairing mode

Next, click on the *Load configuration* button on the top left corner of the screen, to synchronize the removed accessory with the xxter cloud.

4. Service and support

In case of problems or questions, please always contact the installation professional of your KNX installation first.

Answers to frequently asked questions can be found on:

<http://www.xxter.com/faq>

On our forum you can exchange information with other users:

<http://www.xxter.com/forum>

Additional support can be found on:

<http://www.xxter.com/support>

In case you are unable to resolve the issue here, you can contact us on support@xxter.com. Please always include the serial number of the device it concerns.