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## 1. INTRODUCTION

#### 1.1 PURPOSE OF THE DOCUMENT

The descriptions provided in this manual are intended to familiarise the installer with the configuration tool supplied by Hager.

The procedures set out in this manual are intended to help the installer in the installation of the KNX configuration system, using the configuration tool.

Name and reference of the products:

- TXA100: Configuration tool
- TJA665: Configuration server

#### 1.2 GENERAL INFORMATION ON KNX INSTALLATIONS

A KNX installation is an electrical installation through which the products communicate, via a wired or radio bus, to send or receive commands.

A KNX installation has different types of products that can be categorised:

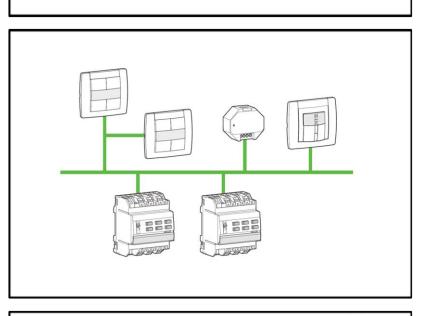
- According to their connection with the KNX bus:
  - $\circ$   $\;$  Wired products: they are linked to the KNX bus by a cable that meets KNX specifications.
  - Radio products: they are linked to the bus by a radio connection that meets KNX radio specifications. The radio communication can be:
    - a) Unidirectional: products that are transmitters only.
    - b) Bidirectional: products are both transmitters and receivers.
- According to their function in the installation
  - Input products: they transmit the commands (push-buttons, switches, presence detector, etc.). An input product can have several input channels: push-buttons with several keys, etc.
  - Output products: they receive commands and operate the connected applications (lighting, roller shutters, etc.). An output product can have several output channels: lighting output module with 6 channels to manage 6 lighting circuits, etc.
  - Systems products: they are necessary to the correct operation of the installation: bus power supply, wired bus/radio bus media coupler, etc.

# TXA100 configuration tool Installer manual

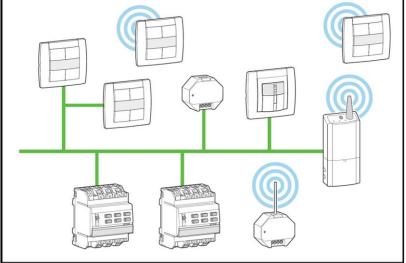
A KNX installation can be:

- Entirely radio: all products (unidirectional or bidirectional) in the installation communicate through radio waves.

- Entirely wired: all products in the installation communicate through the KNX cable.



- Mixed: the installation has both radio products and wired products:



In a mixed installation, it is essential to install a media coupler. This media coupler allows communication between the wired products and radio products.

# 2. GENERAL INTRODUCTION

#### 2.1 CONFIGURATION AND MANAGEMENT OF KNX INSTALLATIONS

In a KNX installation, after having assembled and connected all of the products in the installation, you must then proceed with its configuration. This configuration is carried out using a tool: the TXA100.

Configuring a KNX installation consists of:

- Identifying and labelling products present in the installation: push-buttons, lighting output modules, etc.
- Assigning a function to each input, for example, for a push-button: switch on a light, raise a roller shutter, switch the heating on in Comfort mode, etc.
- Creating links between the inputs and outputs to define which inputs control which outputs. It is also possible to set it up so that one input commands several outputs and to perform commands for the group or for the scene.

The configuration must then be backed up in file form (called the project file) on an external memory device such as a USB key or a PC.

## 2.2 INTRODUCTION TO THE TXA100 CONFIGURATION TOOL

2.2.1 CONTENTS OF THE CASE



It is delivered in a case, which contains:

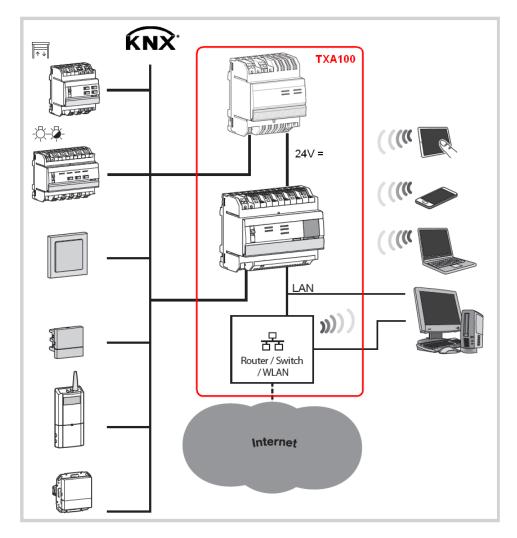
- a TJA665 configuration server
- a TXA114 KNX bus and 24 V= power supply
- a WIFI router
- a RJ45 Ethernet connection cable

#### 2.2.2 OVERVIEW

The configuration tool is made up of:

- A configuration server: The configuration server is a central unit with a programme that enables configuration of the installation. It has a KNX connection and an ETHERNET connection.
- A WIFI router: The WIFI router enables the connection between the configuration server and the user interfaces (PC, tablets, Smartphones, etc.).
- A KNX bus and 24 V= power supply: The power supply provides a 24 V= current for the configuration server and 30 V for the KNX bus if necessary.

The following diagram sets out the hardware architecture of an installation with the configuration tool:



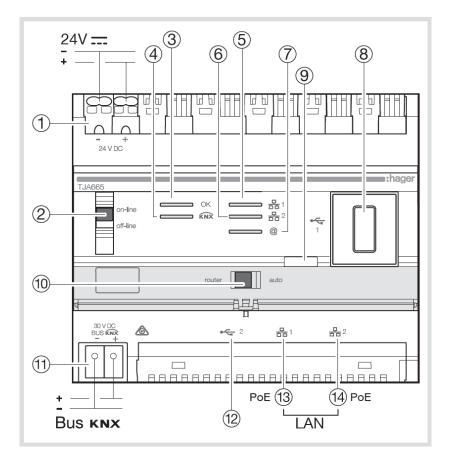
The system is based on two different networks:

- The KNX network (cable, radio or mixed) on which all KNX sensors, actuators, switches, etc. are installed,
- The Ethernet network where all of the IP customers are connected to the LAN (local area network): PC, tablets, Smartphones, etc.

#### 2.2.3 THE CONFIGURATION SERVER

The TJA665 is a KNX product configuration server for easy mode. It enables configuration of all Hager and Berker products that have an integrated easy mode. The product connects:

- the KNX bus through the connector (1);
- the local IP network through one of the two Ethernet ports (13) or (14).



The product is fitted with configuration software for KNX products. The software operates by connecting to web browsers installed on tablets, Smartphones and PCs.

OS compatibility: iOS 8, Android 4.4, Windows 8.1

Browser compatibility: IE11, Chrome 35, Firefox 37.

The following table summarises what each LED means

LED function	LED ref	LED colour	Description
Power	3	Off	Product not supplied
		Flashing green	Product start-up phase
		Steady green	Product is on
		Flashing red	Product is supplied by the power reserve
		Steady red	OS loading error
KNX	4	Off	Product is supplied by the power reserve
		Flashing green	Connected to the KNX bus - traffic bus
		Steady green	Connected to the KNX bus - no traffic bus
		Steady red	No connection to the KNX bus
Ethernet 1 and 2	©and©	Off	No network (or operating on the power reserve)
		Flashing green	No DHCP server detected; operation through the fallback IP detection
		Steady green	Network detected and IP detection allocated
		Steady red	Conflicting IP detection
		Flashing red	Awaiting IP detection allocation
Portal	0	Off	No connection to the Hager portal
		Flashing green	Tentative connection to the Hager portal
		Steady green	Connection to the Hager portal established
		Steady red	Hager portal not accessible or connection rejected
Bus current is present	9	Steady red	Check the bus voltage by pressing the push- button (a). If the red LED is on, the KNX bus is present.

#### 2.2.4 UPDATE TO THE SOFTWARE VERSION OF THE CONFIGURATION SERVER

#### > Note:

The software version of the configuration server must be updated before using for the first time.

There are 2 ways to update:

#### - Automatic

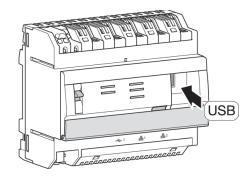
Connect the configuration tool to an Internet router. It automatically connects to the network and remote server to perform the update (see chapter 9.2.2 for the configuration of the automatic update).

#### - Manually

The update file is available from the Hager site.

To update the configuration server software version:

- o Insert a blank USB key.
- Copy the update file to the USB key
- Insert the USB key into one of the configuration server's USB ports.
   The "OK" LED flashes for approximately one minute then remains steady.



o Remove the USB key.

The server is updated with the new software version.

#### 2.2.5 AUTO/ROUTER OPERATION

The switch  ${\scriptstyle\textcircled{0}}$  selects the operation mode for the Ethernet network.

Switches		Behaviour of the Ethernet ports					
SEL	СОМ	Ethernet port 1	Ethernet port 2	Hager portal	KNX bus		
Auto	on-line	This relates to the normal o configuration server is com The 2 ports are interchangeat DHCP or through a fixed IP. - For DHCP customers (factor TJA665 expects an IP detection server connected to a network no address has been allocate goes to the fallback address: - For fixed IP detection, the set account the parameters define Internet" tab in the configurato - Interface IP detection - Subnet mask - Default gateway address Attention: Even if there is an I network (other equipment that detection), the module does no the fallback address.	Connected	Connected			
	offline	DHCP customer.	en automatically configured in the rated by a DHCP server after 40 rver automatically goes to the	Disconnected	Disconnected		
Router	on-line	To be used when a PC is dir configuration server. This m that is built into the module. T and configured with the follow - Interface IP detection: 192.1 - Subnet mask: 255.255.255.0 - Default gateway address: 19	Connected	Connected			
	offline	This mode is a fallback mode. interchangeable and configure - If an IP detection is not alloc seconds, the configuration set fallback address 192.168.0.25	ed in the DHCP customer. ated by a DHCP server after 40 rver automatically goes to the	Disconnected	Disconnected		

#### 2.2.6 TECHNICAL SPECIFICATIONS

KNX supply	30 V= SELV KNX bus
External safety extra low voltage	24 V = via TGA200 or TXA114 Hager SELV supply or via PoE
Consumption on bus cable	10 mA max - 30 V =
Consumption on auxiliary supply	200 mA max - 24 V=
Typical consumption/Marking on the KNX bus	8 mA
Typical consumption/Marking on the 24 V Ethernet and USB not connected	100 mA
Maximum dissipation (24-V output)	5W
PoE supply consumption	50 mA
Date and time backup duration	Minimum 1 year
Ethernet network communication	2 x 100 / 1000 BaseT
Bus link (1)	0.6 - 0.8 mm <sup>2</sup>
Supply connection ①	0.75 - 2.5 mm²
Ethernet/IP network jack (13) (14)	2 x RJ45
Operating temperature	0°C> + 45°C
Storage temperature	- 20°C —> + 70°C
Size	6 x 17.5 mm
USB2 interface (8) (12)	2
Installation mode	DIN rail
Operational height	< 2000 m
Pollution level	2
Surge voltage	4 kV
Protection rating (casing) (sub-faceplate casing)	IP20 IP30
Shock resistance	IK04
Overvoltage category	
Standards	EN 60950-1, EN 50491-3, EN 50491-5-2, IEEE 802.3 at, USB 2.0, Handbook KNX 2.1

# 3. INSTALLATION

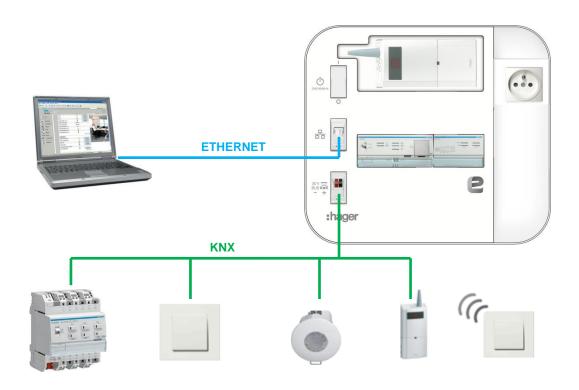
The configuration tool must be linked to the installation in order to be able to define the parameters of a KNX installation.

- Connect the configuration tool to the KNX bus and to the IP network if necessary (see chapter <u>3.1</u>). Choose a place in the centre of the house so that the WIFI signal is sufficient.
- Switch on the configuration tool
- Connect to the configuration server using a user interface (PC, tablets, Smartphones, etc.) (see chapter <u>3.2</u>).
- Check that the configuration tool software is up to date (see chapter 2.2.4).

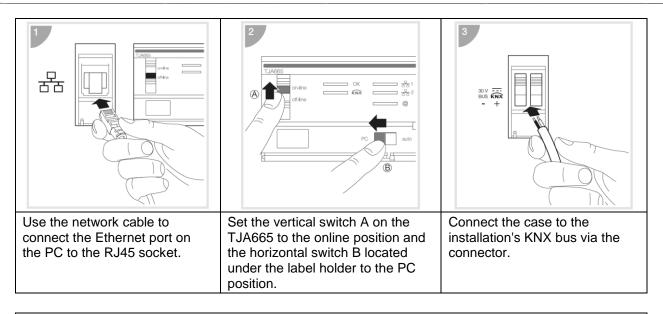
The configuration tool is now ready to configure the installation.

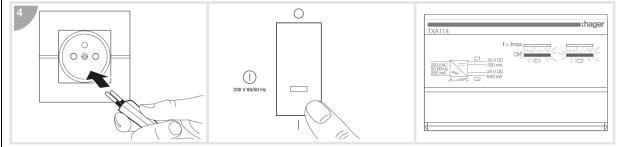
#### 3.1 HARDWARE INSTALLATION

- 3.1.1 ETHERNET WIRED CONNECTION
  - Wiring diagram

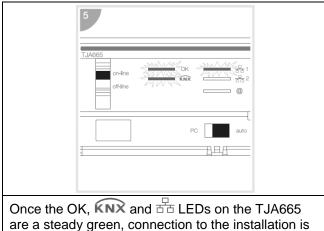


# TXA100 configuration tool Installer manual





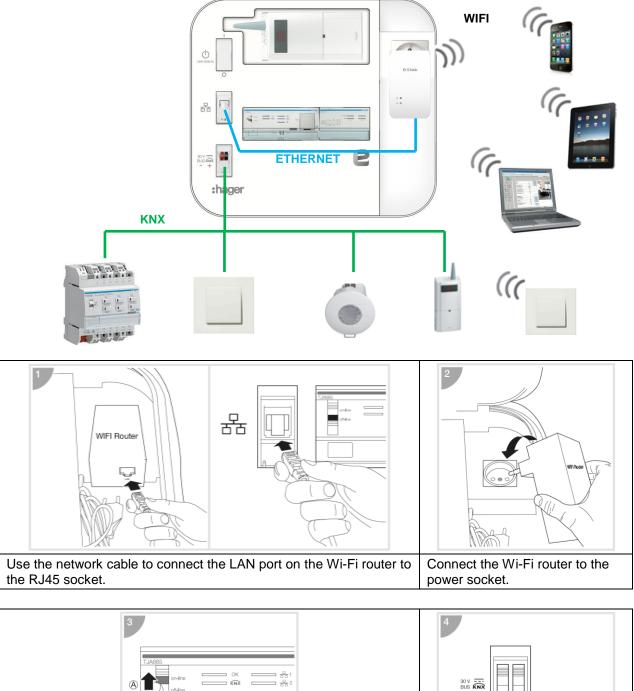
Connect the power cord 1 to a mains supply socket and switch on the case by pressing the switch: the OK, C1 and C2 LEDs on the TXA114 product are a steady green.

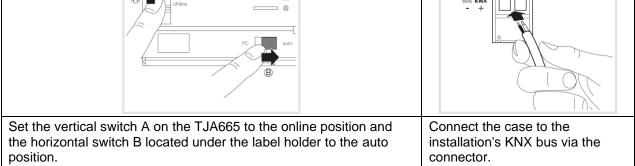


possible.

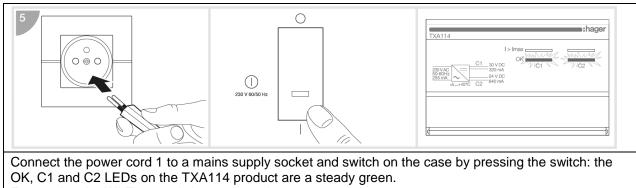
#### 3.1.2 ETHERNET WIFI CONNECTION

Wiring diagram

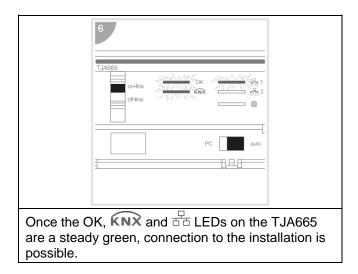




# TXA100 configuration tool Installer manual



Ensure that the Wi-Fi router is in router mode.



## 3.2 SOFTWARE INSTALLATION

#### 3.2.1 LAUNCHER INSTALLATION

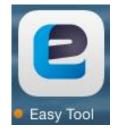
The launcher is a programme that enables the selection and quick start-up of the configuration tool. This programme is available for IOS, Android and Windows.

- IOS
  - Go to the Apple store
  - Search for the Easy application

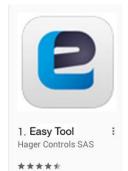


- Select and install the Easy application

An Easy icon appears on the desktop



- Android
  - Go to the Play store
  - Search for the Easy application



- Select and install the Easy application
- An Easy icon appears on the desktop



- Windows
  - Retrieve the Easy installation programme (on the website).
  - Install the Easy application.

An Easy icon appears on the desktop



#### > Note:

Installation of the **Easy** program is not obligatory. The configuration server can be connected through a website (see chapter 3.2.3.4).

#### 3.2.2 INSTALLATION WITH AN ETHERNET WIRED CONNECTION

- Open the **Easy** application

A selection window for the configuration servers appears:

Server selection	â
TJA665-F0448B	192.168.0.100
TJA665-F0448B	

- Select the configuration tool server (TXA100)
- Confirm your selection

3.2.3 INSTALLATION WITH A WIFI CONNECTION

#### 3.2.3.1 For IOS

- On your iPad or iPhone, go to the WIFI settings menu.

iPad ᅙ				11:24		⊕ 90 <sup>4</sup>
	Setting	IS		Wi-Fi		
→ Airpla	ane Mode	$\bigcirc$	Wi-Fi			
🗢 Wi-Fi	i	GO-RTW-N300	🗸 GO-R	RTW-N300		<b>∻</b> (i)
8 Bluet	tooth	Off	CHOOSE A	NETWORK		
			HG-C	Corporate-E	٩	<b>∻</b> (i)
Notifi	ications		HG-G	àuest		<b>∻</b> (i)
Cont	rol Center		HG-G	auest-SR		<b>奈</b> (j
C Do N	lot Disturb		HG-M	Nobile-Devices	•	<b>∻</b> (i)
Gene	val	0	Liveb	ox-e78e	<u></u>	<b>∻</b> (i)
	ay & Bright		Route	eurMKT	•	<b>∻</b> (i)
Wallp			Other	·		
Soun	ids		Ask to Jo	oin Networks		$\bigcirc$
Pass	code			vorks will be joined automatically. If no known networks are slect a network.	available, you will hav	ve to
Priva	су		manually se			
iClou	id 8@icloud.com					

- Select the configuration tool WIFI router.
   Note: To edit the WIFI router SSID address, please refer to chapter <u>3.2.4</u>.
- Open the Easy application

A selection window for the configuration servers appears:

Server selection	ସ
TJA665-F0448B	192.168.0.100
TJA665-F0448B	

- Select the configuration tool server (TXA100)
- Confirm your selection

#### 3.2.3.2 For Android

- On your Smartphone or tablet, go to the WIFI settings menu.

<b>F</b> F <b>A A F F C</b>		M.	🛜 32% 📕 08:20
🧿 Settings		Scan	Wi-Fi Direct
WIRELESS AND NETWORKS	Wi-Fi		
🥱 Wi-Fi	WI-FI NETWORKS		
Bluetooth	GO-RTW-N300 Connected		((r
🖬 Data usage	RouteurMKT Saved, Secured		
···· More settings	Livebox-e78e Saved, Secured		-
DEVICE	HG-Guest-SR Open		(?
Blocking mode	HG-Corporate-E Secured		-
O Hands-free mode	HG-Mobile-Devices Secured		-
Sound	HG-Guest Open		(?
Display	Demo Herve Open (WPS Available)		-
Storage	Router Netgear Secured (WPS Available)		
Power saving mode	NETGEAR34		-

- Select the configuration tool WIFI router.
   Note: To edit the WIFI router SSID address, please refer to chapter <u>3.2.4</u>.
- Open the Easy application

A selection window for the configuration servers appears:

192.168.0.100

- Select the configuration tool server (TXA100)
- Confirm your selection

#### 3.2.3.3 For Windows

- Click the WIFI icon on your Windows desktop (on the bottom right)



- Select the configuration tool WIFI router.
   Note: To edit the WIFI router SSID address, please refer to chapter <u>3.2.4</u>.
- Click Connect to confirm your selection.
- Open the Easy application

A selection window for the configuration servers appears:

Server selection			<u>(</u>
TJA665-F0448B		192.16	8.0.100
TJA66	5-F0448B		

- Select the configuration tool server (TXA100)
- Confirm your selection

#### 3.2.3.4 With a web browser

Installation of the **Easy** programme is not obligatory. The configuration server can be connected through a web browser (OS compatibility: iOS 8, Android 4.4, Windows 8.1 - Browser compatibility: IE11, Chrome 35, Firefox 37).

To see the IP detection of the configuration server:

- Launch the web browser
- Type in the IP detection to connect to the WIFI router (usually 192.168.0.1 or 192.168.1.1), in order to find the IP detection of the configuration server.
- Search for the IP detection of the configuration server
- Type in the IP detection of the configuration server.

A home page appears on the screen (see chapter 3.3).

#### 3.2.4 MODIFYING THE WIFI ROUTER NAME (SSID)

By default, the WIFI router always has the same SSID name. If there are several WIFI routers in the same radio wave, each one must have a different SSID name.

To modify the SSID name, complete the following steps:

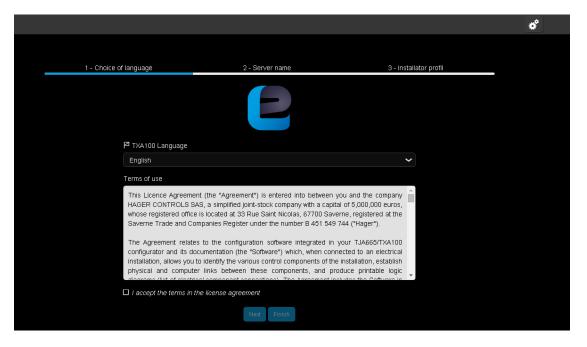
- Launch the web browser
- Type the IP address to go to the WIFI router settings (generally 192.168.0.1 or 192.168.1.1)
- Go to "WIRELESS" or "WIFI" topic
- Enter the new SSID name that you have chosen
- Save the configuration.

After entering it, you must reconnect your Smartphone, tablet or PC with the new SSID name.

Look at the WIFI router instructions for further details.

#### 3.3 FIRST START-UP

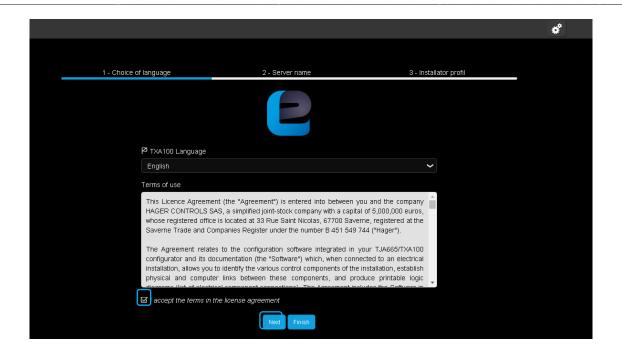
The following screen is displayed after selecting the server and during first use:



This procedure is carried out on first start-up to set the configuration server to your profile.

			¢
1 - Choice of language	2 - Server name	3 - Installator profil	
	0		
P TXA100 Language			
English			
English			
Français			
Deutsch			
Svenska			
Nederlands			
Português			
Italiano			
Español			
	Next Finish		

- Click to display the languages offered.
- Select the language used in the configuration server menus.



- Accept the licence terms of use.
- Click Next.

			¢
1 - Choice of language	2 - Server name	3 - Installator profil	
🖉 Server name			
TJA665-F044FF			
	Back Next Finish		

By default, the server name corresponds to the product's commercial reference, along with a unique code number assigned in the factory.

To change the server name, edit the relevant field.

- Click Next.

			e <sup>*</sup>
1 - Choice of language	2 - Server name	3 - Installator profil	
	0		
👫 Installator profil			
Name	Address		
Company			
Phone	Postal Code		
Mobile	City		
Email	Country		
	France	~	

This profile is for the owner of the configuration tool. It will be used when configuration documents are generated to be sent to the owner of the configured installation.

- Complete the Installer profile.
- Click Finish.

Configuration finished	×			
The configuration was completed successfully				
Your configuration tool is operational				
You can change these details at any time in the Settings menu 🦨				
Cancel Ok				

A "Configuration finished" window is displayed.

Your configuration tool is operational.

- Click **OK** to exit this window.

> Note:	٦
These modifications can also be made via the configuration menu 🧳 .	

The installations window displays:



This will be the start-up page by default for future connections.

# 4. MY INSTALLATIONS

This section allows you to create a new installation, to select an existing installation or to import a backed up installation. A maximum of 10 installations (or projects) can be stored on a configuration server.

#### > Note:

It is important that you supply an electrical wiring diagram so that the wiring for the output products can be tracked.

#### 4.1 CREATING A NEW INSTALLATION

				đ
	- <b>A</b>	÷		
	Open 🖉 Edit	- Delete		
Create a new installation	,	▲ Date	Memo	
Import installation				

- Click **New**; a scroll-down list appears.
- Click Create a new installation.

# TXA100 configuration tool Installer manual

Create a new installation	×
1 Installation	🔗 Customer
Name	Name
Installation - 01	
Contract number	Phone
Description	Email
	Address
	Postal Code
	City
Create	Cancel

This profile is for the residence owner. It will be used when configuration documents are generated to be sent to the owner of the configured installation.

- Fill out the information required to create an installation.
- Click Create to finish creation.

		đ
New -	Delete	
Name	▲ Date	Memo
Installation - 01	Friday 26 June 2015 - 15:06	

The created installation is displayed in the configuration server.

- Click to add a memo for tasks to be completed.

The memo lets you enter some comments on the installation.

# TXA100 configuration tool Installer manual

For example, you can enter a memo indicating the date of product discovery or the date that the links were completed.

A "Memos" window is displayed.



- Write down the remaining tasks to be completed as a reminder.
- Click Add.

Memos	×
Add Close	
×	× ^
	Friday 26 June 2015 - 15:09
4	•

Once the task is added, the task summary can be found at the bottom with the date and time it was entered.

- Click Close.

			*
🕒 New 🗸 🗁 Open 🖉 Edit	m Delete		
<b>♦</b> Name	▲ Date	Memo	
Installation - 01 F	Friday 26 June 2015 - 15:09	(	4

A number is allocated to the memo on the installations view.

#### 4.2 IMPORTING DATA

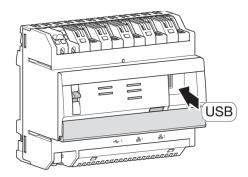
The existing settings can be imported from an installation's export file. There are different import types:

- The old TXA100 installation to be resumed or completed
- Installation carried out with a TX100 tool.

Importing can be performed from a tablet or Smartphone by connecting a USB key to the configuration server, or from a PC.

#### 4.2.1 FROM A TABLET OR SMARTPHONE

- Insert the USB key containing the backed up file of settings into one of the configuration server's USB ports.



		¢
	Open 🖉 Edit 💼 Delete	
Create a new installation	▲ Date	Memo
Installation - 01	Friday 26 June 2015 - 15:06	<b>a</b>

- Click **New**; a scroll-down list appears.
- Click Import installation.

An "Import installation" window appears:



A list of backed up settings appears:

- Select the backed up setting file to import.

> Note:					
The installation to import is in	".txa" (TXA100	file) or ".	txh" (TX100 file) form	nat.	
	Import installation			×	
	♦ Name	🖨 Туре	Date		
	Installation - 01.txa	txa	Friday 03 July 2015 - 10:50		
	Impo	rt	Cancel		

- Once the file is selected, click Import.
- When import is finished, remove the USB key.

#### 4.2.2 FROM A PC

		*
	Open 🖉 Edit 📺 Delete	
Create a new installation Import installation	▲ Date	Memo
Installation - 01	Friday 26 June 2015 - 15:06	包

- Click **New**; a scroll-down list appears.
- Click Import installation.

An "Import installation" window appears:

Import instal	×		
Choose a	file		
			Browse
	Import	Cancel	

- Click Browse to select the installation file to import.

#### A window appears:

Ouvrir							? 🔀
Regarder dans :	C ANGLAIS	i	~	3 💋	Þ	•	
Mes documents récents	Installation - 01.txa						
🕝 Bureau							
Mes documents							
Poste de travail	Nom du fichier :					*	Ouvrir
<b></b>	Fichiers de type :	Fichiers personnalisés				*	Annuler
Favoris réseau		🔲 Ouvrir en lecture seule					

- Select the desired installation file and click Open.

# ➢ Note: The installation to import is in ".txa" (TXA100 file) or ".txh" (TX100 file) format.

	Browse
Cancel	
	Cancel

Once the file is selected, click **Import**.

## 4.3 OPENING AN INSTALLATION

Several projects can be stored in the configuration server.

		రి
+ New -	🕞 Open 🖉 Edit 🛅 Delete	
Name	▲ Date	Memo
Installation - 10	Friday 26 June 2015 - 16:25	Ð
Installation - 09	Friday 26 June 2015 - 16:25	<del>ව</del>
Installation - 08	Friday 26 June 2015 - 16:25	<b>ප</b>
Installation - 07	Friday 26 June 2015 - 16:25	<del>ව</del>
Installation - 06	Friday 26 June 2015 - 16:25	<del>ව</del>
Installation - 05	Friday 26 June 2015 - 16:25	<del>ව</del>
Installation - 04	Friday 26 June 2015 - 16:25	<del>ව</del>
Installation - 03	Friday 26 June 2015 - 16:25	<del>ව</del>
Installation - 02	Friday 26 June 2015 - 16:24	ප 2
Installation - 01	Friday 26 June 2015 - 15:09	S.

- Select a project and click on the desired tabs:
  - Open: The installation setting can be accessed from here. This allows you to view, configure and modify an installation.
  - Edit: Information on the installation can be modified from here. This profile is for the residence owner. It will be used when configuration documents are generated to be sent to the owner of the configured installation.
  - ✓ Delete: Back up of an installation's settings is deleted from the configuration server's internal memory.

#### > Note:

A maximum of 10 installations (or projects) can be stored on a configuration server. It is therefore important to regularly back up installations to an exterior back-up support (see chapter <u>8.4.1</u>).

## 4.4 EDITING AN INSTALLATION

Information on the installation can be modified from here. This profile is for the residence owner. It will be used when configuration documents are generated to be sent to the owner of the configured installation.

		¢,
+ New -	🗁 Open 🟒 Edit 💼 Delete	
🔷 Name	▲ Date	Memo
◆ Name Installation - 01	▲ Date Friday 26 June 2015 - 15:09	Memo

To modify an existing installation, click Edit.

An "Installation modification" window opens:

Edit installation		×
	<u></u> Customer	
Name	Name	
Installation- 01		
Create date	Phone	
Monday 30 November 2015 - 14:33		
Modification date	Email	
Thursday 03 March 2016 - 15:32		
Contract number	Address	
Description		
	Postal Code	
	City	
Save	Cancel	

- Modify the desired fields.
- Click **Save** to save the data.

# 5. PRODUCT SEARCH

This section allows you to index all products connected to the KNX network and known by the configuration tool.

#### 5.1 ANALYSING THE INSTALLATION TO FIND CURRENT PRODUCTS

There are 2 methods for searching for products:

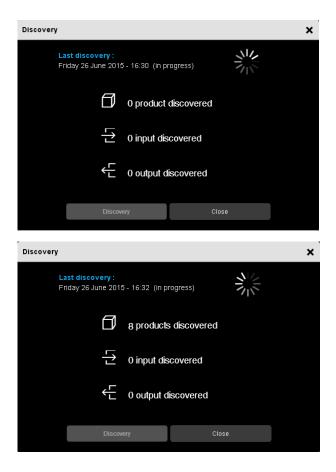
- In a new installation: a window to scan products appears, as no product is present in the installation.
- In an existing installation: for scanning products added to the installation.

#### 5.1.1 NEW INSTALLATION

Information			×
	No product is prese	ent in the installation	
(	Discovery	Close	

- Click Start discovery to search for different products in an installation.

The following windows are displayed:

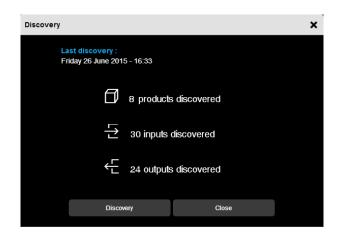


The configuration tool is searching for different products.

The configuration tool has found different products.

It is currently searching for inputs and outputs associated with the product.

# TXA100 configuration tool Installer manual



The window shows a certain number of products detected as well as the number of associated inputs and outputs.

	Detail 🗍 P	roducts Channels	O Location	
Instalation - 01		Discovery		🎉 Localization 👻
j Search Q	All references	~		Q Reset
🗇 8 Products				
TXA610 - 1 - Module 10 sorties TXA610 - No function				•
TXA624C - 1 - Mad. 4 sorties valets/stores 23 TXA624C - No function	0\/~			•
TXA663A - 1 - Module 3 sorties variation 300 TXA663A - No function	W/NE			
TXB692F - 1 - 2 entrées + 1 sortie volet à end TXB692F - No function	castrer			►
TXE530 - 1 - Station météo GPS KNX TXE530 - No function				•
WST302 - 1 - Systo bouton poussoir, tebis kh WST302 - No function	IX 2 touches			•
WST316 - 1 - Systo bouton poussoir, tebis KN WST316 - No function	IX 6 touches, avec LED			>
WST324 - 1 - Systo bouton poussoir, tebis KN WST324 - No function	IX 4 touches, avec LED et IR			•

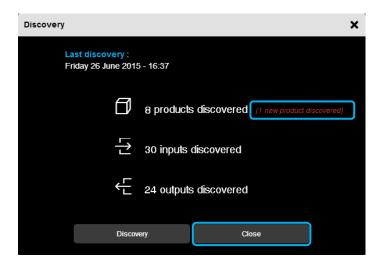
At the end of the search, the configuration tool displays the list of products found.

#### 5.1.2 EXISTING INSTALLATION

Installations	î Detail	Products	🚽 Channels	O Location	• •
Instalation - 01			iscovery		🛵 Localization 👻
Search Q	All references		~		Q Reset
🗇 8 Products					
TXA610 - 1 - Output 10 -fold TXA610 - No function					•
TXA624C - 1 - Output device for 4 shutters/bli TXA624C - No function	inds 230V~				•
TXA663A - 1 - Dimmer KNX , 3 x 300W, univer TXA663A - No function	rsal				•
TXB692F - 1 - 1 output for shutter/blinds + 2 in TXB692F - No function	nputs				•
TXE530 - 1 - KNX GPS Weather station TXE530 - No function					•
WST302 - 1 - Systo push-button KNX 2gang WST302 - No function					•
WST316 - 1 - Systo push-button KNX 6gang, 1 WST316 - No function	with LED				•
WST324 - 1 - Systo push-button KNX 4gang, 1 WST324 - No function	with LED and IR				•

- Click on the **Products** tab.
- Click Start discovery to detect products added to the installation.

The following window appears:



The red window shows a certain number of new products detected as well as the number of associated inputs and outputs.

Once the installation is discovered, click Close.

#### > Note:

Only products with their factory settings can be discovered.

For a product that has already been set in a previous installation, return the product to its factory settings if

## 5.2 DEFINING THE RESIDENCE STRUCTURE

The residence structure enables configuration of different rooms present in the installation.

This step will subsequently allow you to assign a product or a channel to a room for an ergonomic perspective. These allocations may also be exported to Domovea where they will be recovered. A structure is offered by default but can be modified as needed.

nstallations	ሰ Detail	Products	🚽 Channels	O Location		۲	•	E	¢
Installation - 01					(	Þ	Localizat	ion	-
+ Add ∠ Edit 📺	Remove								
<sup></sup> House									
📮 Basement Garage									
Pantry Laundry Boller room Garage Basement Electrical cabinet 1 Q Ground floor									
Dining Living Room Kitchen Tollet									
Bath									
Electrical cabinet 2									
🖵 Floor									
Bedroom 1 Bedroom 3 Bedroom 2 Toilet Bath Electrical cabinet 3									
Garret									

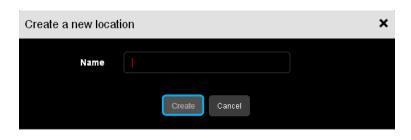
- Click the Location tab to see the architecture.

The **Add** button enables creation of a room.

nstallations	ሰ Detail	Products	🗐 Channels	O Location	۲	-		ø
R Installation - 01					Ķ	Localizat	ion	•
🕂 Add 🖉 Edit 📺	Remove							
Vertical Carage Pantry Laundry Boller room Garage Basement Electrical cabinet 1								
Ground floor Dining Living Room Kitohen Toilet Bath Electrical cabinet 2								
Floor     Bedroom 1     Bedroom 3     Bedroom 2     Toilet     Bath     Electrical cabinet 3     Garret								

- Select the level at which a room must be added. This level determines the addition of a step, a room or part of a room. A maximum of 4 levels can be set.

- Click Add; a "Create a new location" window appears:



- Add the name of the new room and click Create.

The Edit button allows you to modify the name of a room that has already been created.

			_				
S Installations	Detail	Products	🚽 Channels	Continent	۲	🕒 🖻	¢
Installation - 01					Þ	Localization	•
+ Add <u>Edit</u>	Remove						
♥ House Pantry Laundry Boller room Garage Basement Electrical cabinet 1 Image Ground floor Dining							
Living Room Kitchen Tollet Bath Electrical cabinet 2 CJ Floor Bedroom 1 Bedroom 3 Bedroom 2 Tollet Bath Electrical cabinet 3							

- Click Edit.

An "Edit a location" window appears:

Edit a location		×
Name	, xoot	
	Modify Cancel	

- Modify the room name and click **Modify**.

The **Delete** button allows you to delete a room.

S Installations	Detail	Products	Ghannels	O Location	© •	•	¢
Installation - 01					<b>)</b> L	ocalization	•
🕂 Add 🖉 Edit	Remove						
♡ House							
📮 Basement Garage							
Pantry							
Laundry							
Boiler room							
Garage							
Basement <u>Electr</u> ical cabinet 1							
Ground floor							
Dining Living							
Room							
Kitchen							
Toilet							
Bath							
Electrical cabinet 2							
🖵 Floor							
Bedroom 1							
Bedroom 3							
Bedroom 2							
Toilet Bath							
Electrical cabinet 3							

- Select the room to be removed.
- Click Delete.
- A "Remove a location" window appears:

Remove a location	
Are you sure	e to remove this location: xxx?
Yes	No

- Click Yes to confirm deletion.

# 6. SETTING THE PRODUCTS/CHANNELS

This section allows you to set the different products and channels.

## 6.1 SETTING THE PRODUCTS

### 6.1.1 GENERAL FUNCTION

🕤 Installations	Products 🕤 Channels 🛛 📀 Location	- 6*
RRR Instalation - 01	Discovery	😕 Localization 👻
Search Q All references	~	Q Reset
🗇 8 Products		
TXA610 - 1 - Output 10 -fold TXA610 - No function		•
TXA624C - 1 - Output device for 4 shutters/blinds 230V~ TXA624C - No function		•
TXA663A - 1 - Dimmer KNX , 3 x 300W, universal TXA663A - No function		•
TXB692F - 1 - 1 output for shutter/blinds + 2 inputs TXB692F - No function		•
TXE530 - 1 - KNX GPS Weather station TXE530 - No function		•
WST302 - 1 - Systo push-button KNX 2gang WST302 - No function		•
WST316 - 1 - Systo push-button KNX 6gang, with LED WST316 - No function		•
WST324 - 1 - Systo push-button KNX 4gang, with LED and IR WST324 - No function		•

- Click the **Products** tab to see the list of indexed products for the installation.
- Click on the desired product to define the different parameters.

The following window appears:

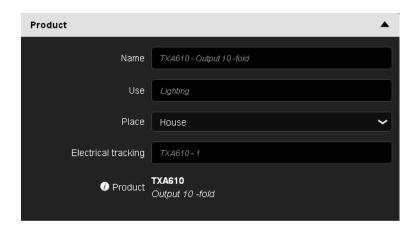
🕤 Products list	ሰ Detail	Products	Ð	Channels	s 📀 Location	-	*
Instalation - 01						🔏 Localization	•
Product		•	Ę	10 Outp	outs		
Parameters		•		- <b>Ņ</b> -	TXA610 - 1 - 1 House - Lighting	¥	•
Actions		<b></b>		- <u>Ņ</u> -	TXA610 - 1 - 2 House - Lighting	ŧ	Þ
				<b>.</b> ∳.	TXA610 - 1 - 3 House - Lighting	Ħ	•
				- <u>Ņ</u> -	TXA610 - 1 - 4 House - Lighting	Ħ	►
				- <b>Ņ</b> -	TXA610 - 1 - 5 House - Lighting	#	•
				- <b>Ņ</b> -	TXA610 - 1 - 6 House - Lighting	Ħ	•
				- <u>Ņ</u> -	TXA610 - 1 - 7 House - Lighting	HI.	•
				Ż.	TXA610 - 1 - 8 House - Lighting	14	•
				- <b>Ņ</b> -	TXA610 - 1 - 9 House - Lighting	HI.	•

On this window, you will find:

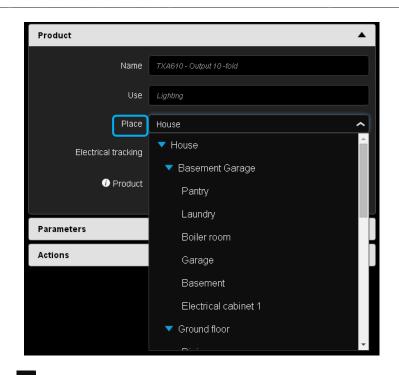
- on the left side the tabs:
  - Product: gathers information related to the product
  - Settings: defines the product's operation
  - **Actions:** allows you to perform specific actions on the product (Restart, Factory reset, etc.)
- on the right side the list of outputs associated with the product.

S Products list	🚹 Detail	Products	🗐 Chann	els 📀 Location	+ B #
Instalation - 01					🍾 Localization 🛛 🗸
Product		•	← 10 Ou	itputs	
Name	TXA610 - Output 10 -fold		1 - <b>ஜ</b> .	TXA610 - 1 - 1 House - Lighting	≢ ►
Use	Lighting		2 - <b>ஜ</b> .	TXA610 - 1 - 2 House - Lighting	₹ ►
Place	House	~	3 - <b>^</b> .	TXA610 - 1 - 3 House - Lighting	≢ ►
Electrical tracking	TXA610-1 TXA610		4 <b>- റ്റ</b> -	TXA610 - 1 - 4 House - Lighting	≠ ►
	Output 10 -fold		5 <b>- 穴</b> -	TXA610 - 1 - 5 House - Lighting	₹ ►
Parameters			6 <b>- 穴</b> -	TXA610 - 1 - 6 House - Lighting	≢ ▶
Actions		•	7 <b>-</b> 🤼	TXA610 - 1 - 7 House - Lighting	≢ ►
			8 🥋	TXA610 - 1 - 8 House - Lighting	≢ ▶
			9 <b>- 穴</b> -	TXA610 - 1 - 9 House - Lighting	≢ ►

- Click on • of the **Product** tab to define the information related to the product.



- ✓ **Name**: the selected product can be renamed.
- **Use**: defines the product's use (lighting, shutter, roller-blind, etc.).



Place: Click on to select the place where the product is physically located, depending on the structure previously defined.

Name	TXA610 - Output 10 -fold
Use	Lighting, Shutter
Place	House
Electrical tracking	ТХА610-1
D Product	TXA610 Output 10 -fold
Parameters	•
Actions	▼

- Electrical tracking: Name the electrical tracking according to the wiring diagram. This field contains the name given to the product by default during discovery. It can be modified to bring it in line with the installation wiring plan.
- ✓ i Product: Click "i Product" to display the product's information.

Product informations		×
<b>F</b> ilman	4 9 4 9	
Firmware version	1.0.18	
Serial number	0009400B8006	
Physical address	0.2.3	
Occupation rate	17%	

#### 6.1.2 SETTINGS FUNCTION

This section defines the product's operation in its entirety. The settings available depend on the product family and there are quite a few of them.

A detailed definition of the settings for each product is described in the documentation related to the relevant products.

Below is the example of an output product, to define the use of the output channels.

Products list	Detail     Products	- <b>5]</b> Cha	annels 📀 Location	• •
KNX Instalation - 01				😕 Localization 🗸 🗸
Product	•	← 10	Outputs	
Parameters		1 7	<b>X</b> TXA610 - 1 - 1 House - Lighting	₹ ►
Configuration Channel 1-2 Binary	~	2 7	C TXA610 - 1 - 2 House - Lighting	≠ ►
Configuration Channel 3-4 Binary Configuration Channel 5-6 Binary	<u> </u>	з 🛪	<b>A</b> TXA610 - 1 - 3 House - Lighting	₹ ►
Configuration Channel 7-8 Binary	~	4 7	<b>X</b> - TXA610 - 1 - 4 House - Lighting	≢ ►
Configuration Channel 9-10 Binary	~	5 7	XA610 - 1 - 5 House - Lighting	≠ ►
Actions	•	6 7	XA610 - 1 - 6 House - Lighting	≠ ►
		7 5	XA610 - 1 - 7 House - Lighting	≢ ►
		8 7	XA610 - 1 - 8 House - Lighting	≢ ►
		9 7	XA610 - 1 - 9 House - Lighting	≢ ►

- Click on in the **Settings** tab to define the different uses of product channels.

Parameters		<b></b>
Configuration Channel 1-2	Binary	^
Configuration Channel 3-4	Binary	
Configuration Channel 5-6	Shutter	
Configuration Channel 7-8	Binary	~
Configuration Channel 9-10	Binary	~

- Click on to define the function:
  - Binary
  - Shutter

Product     TXA610 - 1 - 1 House - Shutter     TXA610 - 1 - 1 House - Shutter       Configuration Channel 1-2 Configuration Channel 3-4 Configuration Channel 5-6     Binary     TXA610 - 1 - 4 House - Lighting     TXA610 - 1 - 4 House - Lighting	ŧ	J
Parameters     1     TXA610 - 1 - 1 House - Shutter       Configuration Channel 1-2     Shutter       3     TXA610 - 1 - 3 House - Lighting       Configuration Channel 3-4     Binary       Configuration Channel 5-6     Binary       Binary     4       TXA610 - 1 - 4 House - Lighting       TXA610 - 1 - 4 House - Lighting		
Configuration Channel 1-2     Shutter     TXA610 - 1 - 3 House - Lighting     TXA610 - 1 - 3 House - Lighting       Configuration Channel 3-4     Binary     TXA610 - 1 - 4 House - Lighting     TXA610 - 1 - 4 House - Lighting       Configuration Channel 5-6     Binary     TXA610 - 1 - 5 House - Lighting     TXA610 - 1 - 4 House - Lighting		
Configuration Channel 3-4 Binary TXA610 - 1 - 4 Configuration Channel 5-6 Binary TXA610 - 1 - 5 Configuration Channel 5-6 Binary TXA610 - 1 - 5		►
Configuration Channel 5-6 Binary	÷	•
Curringurauum Channel 3-6 Binary	<b>*</b>	►
Configuration Channel 7-8 Shutter 🗸 👌 💏 House - Lighting 🗲	ŧ	
Configuration Channel 9-10 Shutter 6 → TXA610-1-6 House - Lighting ₹	ŧ	•
Actions 7 TXA610-1-7 House-Shutter 7	ŧ	►
9 <b>■ TXA610-1-9</b> House-Shutter ₹	ŧ	►

According to the defined use (Binary/Binary or shutter) in the "Settings" tab, an icon representing the selected use, appears at each output.

#### 6.1.3 PRODUCT MAINTENANCE

This section allows you to perform precise actions on the product. You can act individually on each product to perform various tasks such as:

- Restart product
- Factory reset
- Replace
- Duplicate
- Download
- Delete links

← Products list	Detail Products	Ţ	Channels	O Location	•	¢
KNX Instalation - 01					localization	•
Product	•	, ⊢ .	10 Outpu	ts		
Parameters	•			TXA610 - 1 - 1 House - Lighting	₩	►
Actions		2		TXA610 - 1 - 2 House - Lighting	14	Þ
Restart product Replace	Download Duplicate			TXA610 - 1 - 3 House - Lighting	tH	•
Factory reset	Delete	4		TXA610 - 1 - 4 House - Lighting	Ħ	•
				TXA610 - 1 - 5 House - Lighting	#	►
		6		TXA610 - 1 - 6 House - Lighting	#	►
				TXA610 - 1 - 7 House - Lighting	ļł	►
		8		TXA610 - 1 - 8 House - Lighting	141	•
		9		TXA610 - 1 - 9 House - Lighting	HI	►
				T)(0.040 4 40		

- Click on in the Actions tab to select different actions.

Actions	▲ `
Restart product	Download
Replace	Duplicate
Factory reset	Delete

- Restart product: switches the product on/off remotely.
- **Download:** reloads the product settings **only**.
- Replace: replaces a product with another of the same reference. This function is generally used to replace a faulty product with a new product without having to regain all of the settings (see chapter <u>9.3.3</u>).
- Duplicate: copies the settings from a product with another of the same reference. This function is generally used to duplicate a product without having to regain all of the settings (see chapter <u>9.3.4</u>).
- Factory reset: reloads the default settings (factory setting configuration) and removes the product from the installation.
- **Delete:** removes the product from the installation without connecting to the configuration server.

### 6.1.4 SORT AND FILTER BY PRODUCTS

This function sorts the list of products according to several criteria.

nstallations	Detail	Products	Ghannels	O Location	• •
RNR Installation - 01			Discovery		😕 Localization 👻
🚺 Search Q	All references		~		Q Reset
🗇 8 Products					
TXA610 - 1 - Output 10 -fold TXA610 - Lighting - House					•
TXA624C - 1 - Output device for 4 shutters/bli TXA624C - Shutter - House	nds 230∨~				•
TXA663A - 1 - Dimmer KNX , 3 x 300W, univer TXA663A - Dimming - House	sal				>
TXB692F - 1 - 1 output for shutter/blinds + 2 ir TXB692F - Lighting - House	nputs				>
TXE530 - 1 - KNX GPS Weather station TXE530 - Shutter - House					•
WST302 - 1 - Systo push-button KNX 2gang WST302 - Heating/Cooling - House					•
WST316 - 1 - Systo push-button KNX 6gang, v WST316 - Heating/Cooling, Lighting - House	with LED				•
WST324 - 1 - Systo push-button KNX 4gang, v WST324 - Heating/Cooling, Lighting - House	with LED and IR				►

- Click on the "Products" tab to see the list of products indexed in the installation and to start a search.

There are two search types:

1<sup>st</sup> method: sorted according to the text entered in the search field.

← Installations	🚹 Detail	Products	🕤 Channels	O Location	- 6
R Instalation - 01		Di	scovery		🔀 Localization 🗸
) Search	All references		~		Q Reset
🗇 8 Products					
TXA610 - 1 - Output 10 -fold TXA610 - No function					►
TXA624C - 1 - Output device for 4 shutters/bli TXA624C - No function	inds 230V~				•
TXA663A - 1 - Dimmer KNX , 3 x 300W, univer TXA663A - No function	rsal				•
TXB692F - 1 - 1 output for shutter/blinds + 2 in TXB692F - No function	nputs				•
TXE530 - 1 - KNX GPS Weather station TXE530 - No function					•
WST302 - 1 - Systo push-button KNX 2gang WST302 - No function					•
WST316 - 1 - Systo push-button KNX 6gang, 1 WST316 - No function	with LED				<b>&gt;</b>
WST324 - 1 - Systo push-button KNX 4gang, v WST324 - No function	with LED and IR				•

Example: If the word "shutter" is entered, only products that include the word "shutter" are displayed.

Installations	ሰ Detail	Products	- Channels	O Location	• E #
Installation - 01		Di	iscovery		🎉 Localization 🕞
shutter A	All references		~		Q Reset
🗇 3/8 Products Found					
TXA624C - 1 - Output device for 4 shutters/blin TXA624C - Shutter - House	ds 230∨~				•
TXB692F - 1 - 1 output for shutter/blinds + 2 in TXB692F - Lighting - House	puts				•
TXE530 - 1 - KNX GPS Weather station TXE530 - Shutter - House					•

Several words or characters can also be entered.

Certain keywords have already been defined.

- Click *i* to display the list of keywords.

<b>1</b> Information		×
Search predefined labels RF Infrared	All RF devices All channels with infra-red ser	nsor
TP	All TP devices	
Error	All devices in error	
	Ok	

• 2<sup>nd</sup> method: the search can be run based on the Reference.

All references	^
TXA610 (1)	
TXA624C (1)	
TXA663A (1)	
TXB692F (1)	
TXE530 (1)	
WST302 (1)	
WST316 (1)	
WST324 (1)	

> Note: The two methods can be used simultaneously.

- Click **Reset** to clear the searches.

S Installations	Detail	Products	Ghannels	O Location	• E #
Installation - 01		<b>)</b>	iscovery		🔏 Localization 🕞
j Search Q	All references		~		Q Reset
🗇 8 Products					
TXA610 - 1 - Output 10 -fold TXA610 - Lighting - House					•
TXA624C - 1 - Output device for 4 shutters/b TXA624C - Shutter - House	linds 230V~				•
TXA663A - 1 - Dimmer KNX , 3 x 300W, unive TXA663A - Dimming - House	ersal				•
TXB692F - 1 - 1 output for shutter/blinds + 2 TXB692F - Lighting - House	inputs				•
TXE530 - 1 - KNX GPS Weather station TXE530 - Shutter - House					•
WST302 - 1 - Systo push-button KNX 2gang WST302 - Heating/Cooling - House					•
WST316 - 1 - Systo push-button KNX 6gang, WST316 - Heating/Cooling, Lighting - House					•
WST324 - 1 - Systo push-button KNX 4gang, WST324 - Heating/Cooling, Lighting - House					•

## 6.2 SETTING THE CHANNELS

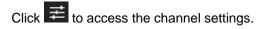
### 6.2.1 SETTING BY CHANNEL

Setting by channels enables configuration of the product's channel by channel operation.

There are 2 methods for accessing the channel settings:

• 1<sup>st</sup> method: in the product view

Products list		🚹 Detail	Products	Ţ	Channels	Location	•	E	¢
Instalation - 01							<b>%</b> L	ocalization	•
Product			•	Ę.	10 Outp	uts			
Parameters			•		- <b>Ņ</b> -	TXA610 - 1 - 1 House - Lighting		Ħ	ŀ
Configuration Channel 1-2	Binary		~		- <b>Ņ</b> -	TXA610 - 1 - 2 House - Lighting		#1	•
Configuration Channel 3-4 Configuration Channel 5-6	Binary Binary		<b>~</b>		- <u>Ņ</u> -	TXA610 - 1 - 3 House - Lighting		Ħ	•
Configuration Channel 7-8	Binary		~		- <u>Ņ</u> -	TXA610 - 1 - 4 House - Lighting		Ħ	►
Configuration Channel 9-10	Binary		~		- <u>Ņ</u> -	TXA610 - 1 - 5 House - Lighting		tit	•
Actions			•		- <u>Ņ</u> -	TXA610 - 1 - 6 House - Lighting		111	►
					-Ŗ-	TXA610 - 1 - 7 House - Lighting		Ħ	•
					<b>-Ņ</b> -	TXA610 - 1 - 8 House - Lighting		Ħ	•
					- <b>Ņ</b> -	TXA610 - 1 - 9 House - Lighting		#1	•



Products list	Ĺ	🖒 Detail	Products	-🗐 Channels	۵ 🛇	ication	•		¢
Instalation - 01							🔏 Local	ization	·
Product			•	<b>≓</b> TXA610-1-	1			2	×
Parameters			•	Time	er duration	2 min			~
Configuration Channel 1-2	Binary		~	Cut-OFF pr	re-warning	30 s			~
Configuration Channel 3-4	Binary		~						
Configuration Channel 5-6	Binary		~						
Configuration Channel 7-8	Binary		~						
Configuration Channel 9-10	Binary		~						
Actions			•						

The channel settings appear on the right.

• 2<sup>nd</sup> method: in the channels view

nstallations	Detail 🗍 Products	Channels 🛇 Location	• •
Me Installation- 01	@ Link	🐼 Unlink 🏵 Visualization	🛵 Localization 👻
() Search Q	Select function	Most used channels	Q Reset
15/30 inputs found		← 20/24 outputs found	
TXB692F - 1 - 1 House		+ TXA610 - 1 - 1 House - Lighting	Þ
TXB692F - 1 - 2 House	►	-📯 TXA610 - 1 - 2 House - Lighting	•
TXE530 - 1 - 1 House	•	-X- TXA610 - 1 - 3 House - Lighting	•
WST302 - 1 - 1 House	•	-📯 TXA610 - 1 - 4 House - Lighting	•
WST302 - 1 - 2 House		TXA610 - 1 - 5 House - Lighting	•
WST316 - 1 - 1 House	•	+ TXA610 - 1 - 6 House - Lighting	•
WST316 - 1 - 2 House	•	TXA610 - 1 - 7 House - Lighting	•
WST316 - 1 - 3 House	•	-X- TXA610 - 1 - 8 House - Lighting	•
WETCH A		- T0000 4 0	<b>~</b>

- Click on an output.

The following window appears: The channel settings appear on the left.

🗂 Channels list	ሰ Detail	Products	– 귀 Channels	O Location	•
ඟ Installation - 01					🛵 Localization 👻
Output		<b></b>	No link		
Output name	TXA610-1-1	~ <b>~</b>			
Place	House	~			
Use	Lighting				
Description					
Landmark	TXA610 - 1 - 1				
Product	<u>TXA610</u> Output 10 -fold				
Settings		<b>^</b>			
Timer duration	2 min	-			
Cut-OFF pre-warning	30 s	ŕ			

• Example of the shutter settings:

፰ TXA610 - 1 - 1		×
Closing type	Shutter and blind	
Sun position	Shutter	
Wind Alarm level	Shutter and blind	
Position on wind alarm	Not active	~

- Click on to select the "Shutter and blind" operation:

Possible choices:

- ShutterShutter and blind
- Define the operational settings of the output

፰ TXA610 - 1 - 1		$\times$
Closing type	Shutter and blind	~
Sun position	Not active	~
Wind Alarm level	No Wind alarm	~
Position on wind alarm	Not active	~
Rain Alarm	No	~
Position on rain alarm	Not active	~
Up movement duration	120	
Down mo∨ement duration	120	
Relay closing time for slat positioning (ms)	150	
Total number of slat angles	12	

Example of the lighting settings:

Settings		<b></b>
Timer duration	2 min	스
	Not active	Î.
Cut-OFF pre-warning	1s	
	2 s	
domovea visualisation	3s	
	5s	
	10 s	
	15 s	
	20 s	
	30 s	
	15	τ.

- Click on to select the "Timer duration" for the lighting.

#### Possible choices:

Not active, 1 sec, 2 secs, 3 secs, 5 secs, 10 secs, 15 secs, 20 secs, 30 secs, 45 secs, 1 min, 2 mins, 2 mins 30 secs, 3 mins, 5 mins,

15 mins, 20 mins, 30 mins, 1 hr, 2 hrs, 3 hrs, 5 hrs, 12 hrs, 24 hrs.

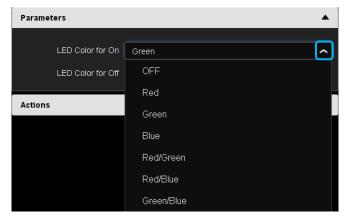
Settings		<b></b>
Timer duration	2 min	~
Cut-OFF pre-warning	30 s Not active	
domovea visualisation	15 s 30 s	
	1 min	

- Click on to select the "Timer pre-warning" for the lighting.

#### Possible choices:

Not active, 15 secs, 30 secs, 1 min.

•Example of the setting of LEDs on an input product:



# - Click on to select the "LED colour for On"

### Possible choices:

OFF, Red, Green, Blue, Red/green, Red/blue, Green/blue.

Parameters		<b></b>
LED Color for On	Green	~
LED Color for Off	OFF	
	OFF	
Actions	Red	
	Green	
	Blue	
	Red/Green	
	Red/Blue	
	Green/Blue	

- Click on to select the "LED colour for Off".

### Possible choices:

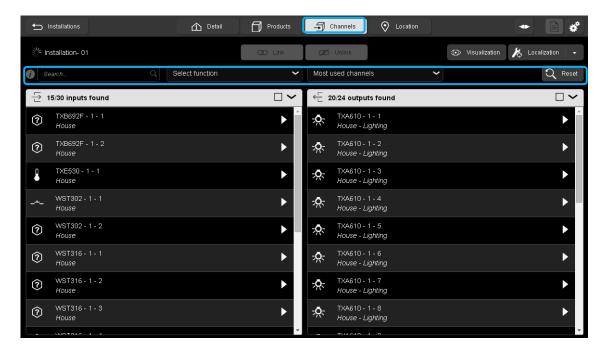
OFF, Red, Green, Blue, Red/green, Red/blue, Green/blue.

#### > Note:

For each product, please refer to the product-specific documentation.

### 6.2.2 SORT AND FILTER BY CHANNELS

This function sorts the list of inputs and/or list of outputs according to several criteria.



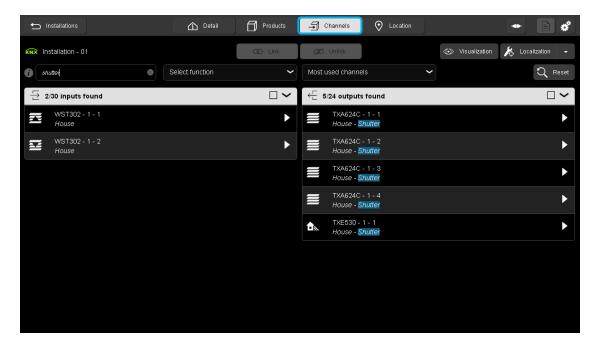
- Click the "Channels" tab to see the list of channels identified in the installation and run a search.

There are 3 types of searches:

1<sup>st</sup> method: sorted according to text entered in the search field

Installations	Detail	Products	Channels 📀 Location	• •
K Installation- 01	1	() Link	💯 Unlink 👀 Visualization	🍌 Localization 👻
J Search Q	Select function	~	Most used channels	Q Reset
ڬ 15/30 inputs found			← 20/24 outputs found	
TXB692F - 1 - 1 House			TXA610 - 1 - 1 House - Lighting	
TXB692F - 1 - 2 House		•	+ TXA610 - 1 - 2 House - Lighting	►
TXE530 - 1 - 1 House		•	-XA610 - 1 - 3 House - Lighting	•
WST302 - 1 - 1 House		•	-📯 TXA610 - 1 - 4 House - Lighting	•
WST302 - 1 - 2 House			TXA610 - 1 - 5 House - Lighting	►
WST316 - 1 - 1 House		►	-📯 TXA610 - 1 - 6 House - Lighting	►
WST316 - 1 - 2 House		•	-📯 TXA610 - 1 - 7 House - Lighting	•
WST316 - 1 - 3 House		•	-📯 TXA610 - 1 - 8 House - Lighting	•
		*	- TWARA A	*

Example: if the word "shutter" is entered, only inputs and outputs associated with the word "shutter" are displayed.



> Note: The inputs are also displayed as they are set as shutter commands.

Several words or characters can be entered.

Installations	🟠 Detail	Products	Channels 📀 Location		• •
KNR Installation - 01	(	O Link	💯 Unlink	Isualization	🔏 Localization 🕞
i shutter lighting	Select function	~	Most used channels		Q Reset
→ 4/30 inputs found			← 17/24 outputs found		
WST302 - 1 - 1 House		►	TXA624C - 1 - 1 House - Shutter		
WST302 - 1 - 2 House		►	TXA624C - 1 - 2 House - Shutter		•
Ü ТХВ692F - 1 - 1 House		►	TXA624C - 1 - 3 House - Shutter		•
O TXB692F - 1 - 2 House		►	TXA624C - 1 - 4 House - Shutter		•
			TXE530 - 1 - 1 House - Shutter		•
			*** TXA610 - 1 - 1 House - Lighting		•
			TXA610 - 1 - 2 House - Lighting		•
			+ TXA610 - 1 - 3 House - Lighting		•
			_A_ TXA610 - 1 - 4		

Certain keywords are already defined.

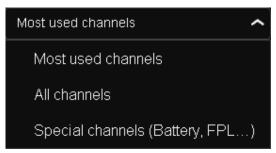
- Click *I* to display the list of keywords.

1 Information		×	(
Coorch prodofined labels			
Search predefined labels			
FPL	All FPL channels		
Master	All Master/Slave channels		
Slave	All Master/Slave channels		
Infrared	All infra-red channels		
Sensor	All sensors		
Battery	All battery powered channels		
Logic	All logic channels		
RF	All RF channels		
TP	All TP channels		
domovea	All domovea exported channe	ls	
	Ok		

2<sup>nd</sup> method: sorted according to the function type set.

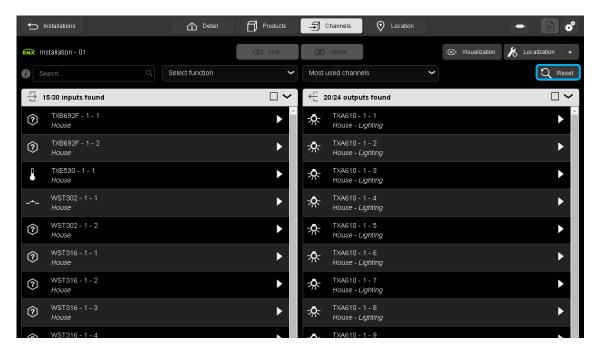


• **3<sup>rd</sup> method:** sorted according to the channel type used.



> **Note:** The three methods can be used simultaneously.

- Click "Reset" to clear the searches.



## 6.3 LOCALISATION

Tracking of products and channels is performed in "Localisation" mode. Localisation enables the installer to physically track the products installed and the channels wired.

#### 6.3.1 STARTING "LOCALISATION" MODE

Installations	🚹 Detail	Products	Ghannels	O Location	• •
KNX Instalation - 01		۵ D	iscovery		😕 Localization 👻
() Search Q	All references		~		Q Reset
🗇 8 Products					
TXA610 - 1 - Module 10 sorties TXA610 - No function					•
TXA624C - 1 - Mod. 4 sorties volets/stores 2 TXA624C - No function	30∨~				•
TXA663A - 1 - Module 3 sorties variation 300 TXA663A - No function	W / NE				•
TXB692F - 1 - 2 entrées + 1 sortie volet à er TXB692F - No function	ncastrer				•
TXE530 - 1 - Station météo GPS KNX TXE530 - No function					•
WST302 - 1 - Systo bouton poussoir, tebis k WST302 - No function	NX 2 touches				>
WST316 - 1 - Systo bouton poussoir, tebis k WST316 - No function	NX 6 touches, avec LEI	D			>
WST324 - 1 - Systo bouton poussoir, tebis k WST324 - No function	NX 4 touches, avec LEI	D et IR			•

A "Localisation" tab is available to track the installation's different products.

#### - Click "Localisation".

A "Localisation mode" window appears with the following message:

"Activation of localisation mode for 15 mins".

$\diamond$ Localisation mode	×				
You will switch to localisation mode for 15 min or until you cancel it.					
Do not show to be a show to	his pop-up again				
Confirm	Cancel				

- Click Confirm to switch to localisation mode for 15 minutes or Cancel to stop localisation mode.

🕤 Installations	Detail Products	듸 Channels 📀 Location	• •
knx Instalation - 01		scovery	😕 Localization
Search     All refere	ences	~	Q Reset
🗇 8 Products			
TXA610 - 1 - Output 10 -fold TXA610 - Lighting, Shutter - House			•
TXA624C - 1 - Output device for 4 shutters/blinds 230v TXA624C - Shutter - House			•
TXA663A - 1 - Dimmer KNX , 3 x 300W, universal TXA663A - Dimming - House			•
TXB692F - 1 - 1 output for shutter/blinds + 2 inputs TXB692F - Lighting - House			•
TXE530 - 1 - KNX GPS Weather station TXE530 - Shutter - House			•
WST302 - 1 - Systo push-button KNX 2gang WST302 - Heating/Cooling - House			•
WST316 - 1 - Systo push-button KNX 6gang, with LED WST316 - Heating/Cooling, Lighting - House			•
WST324 - 1 - Systo push-button KNX 4gang, with LED WST324 - Heating/Cooling, Lighting - House	and IR		•

The "Localisation" tab changes colour to indicate that localisation mode is activated.

#### 6.3.1.1 Localisation of different products

🕤 Installations	🚹 Detail	Products - Channels	s 📀 Location	- 6 *
Instalation - 01		Discovery		😕 Localization 👻
() Search Q	All references	~		Q Reset
🗇 8 Products				
TXA610 - 1 - Module 10 sorties TXA610 - Lighting - House				•
TXA624C - 1 - Mod. 4 sorties volets/stores 230 TXA624C - Shutter - House	3∨~			•
TXA663A - 1 - Module 3 sorties variation 300V TXA663A - Dimming - House	/ / NE			Þ
TXB692F - 1 - 2 entrées + 1 sortie volet à enc TXB692F - Lighting - House	astrer			•
TXE530 - 1 - Station météo GPS KNX TXE530 - Shutter - House				•
WST302 - 1 - Systo bouton poussoir, tebis KN WST302 - Heating/Cooling - House	X 2 touches			►
WST316 - 1 - Systo bouton poussoir, tebis KN WST316 - Heating/Cooling, Lighting - House	X 6 touches, avec LED			Þ
WST324 - 1 - Systa bouton poussoir, tebis KN WST324 - Heating/Cooling, Lighting - House	X 4 touches, avec LED et IR			•

- Click on the product; the line turns blue and the corresponding product indicator lights illuminate.

### > Note:

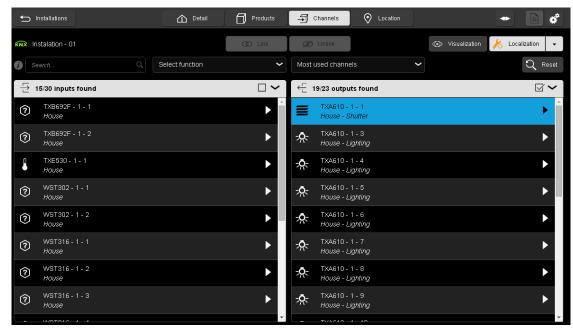
If "Localisation with physical effect" is activated, the outputs are physically managed, thus enabling control of a light bulb or shutter, for example.

- Inversely, the product line turns blue if one of the product's manual control push-buttons is pressed.

#### > Note:

Links can be created during localisation. However, the functional test can only be performed outside "localisation".

#### 6.3.1.2 Localisation of different channels



- Click on one of the outputs; the line turns blue and the corresponding channel indicator light illuminates.

#### > Note:

If "Localisation with physical effect" is activated, the outputs are physically managed, thus enabling control of a light bulb or shutter, for example.

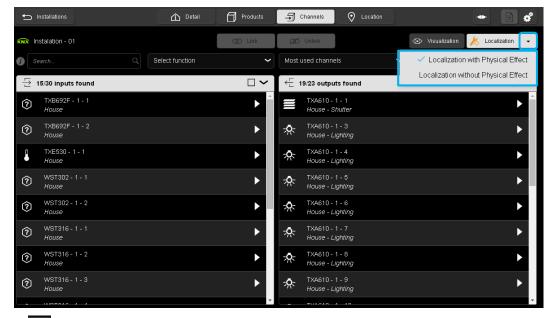
- Inversely, the product line turns blue if one of the product's manual control push-buttons is pressed.

#### > Note:

Links can be created during localisation. However, the functional test can only be performed outside "localisation".

#### 6.3.1.3 Physical effect

During localisation, the physical effect executes a certain action on the product so that it is more easily identifiable.



- Click on
- Select the desired localisation mode.
  - Localisation with physical effect:
  - Localisation without physical effect:

The physical effect is different depending on the nature of the product. Here are several examples:

Behaviour of outputs during localisation by products						
Products	Without physical effect	With physical effect				
Lighting output (TXA610)	<ul> <li>All of the indicator lights for the selected product illuminate</li> </ul>	<ul> <li>All of the indicator lights for the selected product illuminate</li> <li>The output relays switch, making the light bulbs flash on output if they are connected.</li> </ul>				
Shutter output (TXA624)	<ul> <li>All of the indicator lights for the selected product illuminate</li> </ul>	<ul> <li>All of the indicator lights for the selected product illuminate</li> <li>The output relays switch, making all of the shutters raise and lower if they are connected.</li> </ul>				
Dimmer output (TXA663)	<ul> <li>All of the indicator lights for the selected product illuminate</li> </ul>	<ul> <li>All of the indicator lights for the selected product illuminate</li> <li>All of the outputs vary the current to the light bulbs if they are connected.</li> </ul>				
Push-button input (WST312)	<ul> <li>All of the indicator lights for the selected product illuminate</li> </ul>	<ul> <li>All of the indicator lights for the selected product illuminate</li> <li>The internal buzzer sounds, emitting an intermittent audible signal.</li> </ul>				

Behaviour of outputs during localisation by channels						
Products	Without physical effect	With physical effect				
Lighting output (TXA610)	<ul> <li>The indicator light for the selected output illuminates</li> </ul>	- The indicator light for the selected output illuminates				
		- The output relay switches, making the light bulb flash on output if it is connected.				
Shutter output (TXA624)	<ul> <li>The indicator light for the selected output illuminates</li> </ul>	- The indicator light for the selected output illuminates				
		- The output relays switch, making the shutter raise and lower if it is connected.				
Dimmer output (TXA610)	<ul> <li>The indicator light for the selected output illuminates</li> </ul>	- The indicator light for the selected output illuminates				
		- The output varies the current to the light bulb if it is connected.				
Push-button input (WST312)	<ul> <li>The indicator light associated with the push-</li> </ul>	<ul> <li>The indicator light associated with the push- button illuminates</li> </ul>				
	button illuminates	- The internal buzzer sounds, emitting an intermittent audible signal.				

Each physical effect is set out in the documentation for each product.

#### > Note:

Some products do not have an indicator light and can only be localised when the physical effect is underway.

### 6.3.2 STOPPING "LOCALISATION" MODE.

There are 2 methods for stopping the "Localisation" mode.

#### 1<sup>st</sup> method:

Wait 15 minutes; a window is displayed with the following message:

$\oplus$ Localisation mode	×
You will leave the localisation mode i	in 28s unless you renew your session
Renew	Ok

- Click Renew to remain in "Localisation" mode, or
- Click **OK** to stop localisation.
  - 2<sup>nd</sup> method:

Installations	Detail	Products	🕤 Channels	Cocation	
Installation - 01			iscovery		🔀 Localization 👻
() Search Q	All references		~		Q Reset
🗇 8 Products					
TXA610 - 1 - Output 10 -fold TXA610 - Lighting - House					•
TXA624C - 1 - Output device for 4 shutters/I TXA624C - Shutter - House	blinds 230V~				>
TXA663A - 1 - Dimmer KNX , 3 x 300W, univ TXA663A - Dimming - House	ersal				>
TXB692F - 1 - 1 output for shutter/blinds + 2 TXB692F - Lighting - House	? inputs				>
TXE530 - 1 - KNX GPS Weather station TXE530 - Shutter - House					•
WST302 - 1 - Systo push-button KNX 2gang WST302 - Heating/Cooling - House					>
WST316 - 1 - Systo push-button KNX 6gang WST316 - Heating/Cooling, Lighting - House					•
WST324 - 1 - Systo push-button KNX 4gang WST324 - Heating/Cooling, Lighting - House					► F

- Click "Localisation".

A "Localisation mode" window appears with the following message:

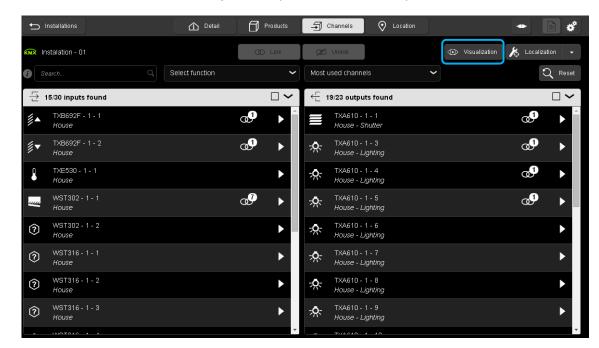
"Exit localisation mode?"

⇔ Localisati	on mode		×	
	Do you want to leave the localisation mode ?			
	Do not show this pop-up again			
	Confirm	Cancel		

- Click **Confirm** to exit localisation mode, or
- Click **Cancel** to remain in localisation mode.

### 6.4 VISUALISATION

Visualisation enables the installer to identify which input is linked to an output and vice versa.



- A "Visualisation" tab is available on the top band to enable visualisation.
  - Click on "Visualisation".
  - A "Visualisation mode" window appears.



- Click on Confirm to switch to visualisation mode or Cancel to stop.

S Installations	☐ Detail ☐ Products	Channels 📀 Location	• •
RN Instalation - 01	@ Link	Ø Unlink 🕥 Visualization	🔏 Localization 👻
J Search Q			Q Reset
☐ 15/30 inputs found	$\square$	└── 1/24 outputs found	$\square \checkmark$
TXB692F - 1 - 1 House	∞• →	TXA624C - 1 - 1 House - Shutter	@3 ►
F▼ TXB692F - 1 - 2 House	@⁰ ▶		
TXE530 - 1 - 1 House	•		
WST302 - 1 - 1 House	@• ►		
WST302 - 1 - 2 House	•		
WST316 - 1 - 1 House	•		
WST316 - 1 - 2 House	<b>&gt;</b>		
WST316 - 1 - 3 House	•		
* WOTO40 4 4		<b>*</b>	

- Click on an input to display the linked output(s).

The outputs controlled by this input are displayed in blue. To return to the normal display, click on the input again. Inversely, an output can also be selected to display the linked inputs.

nstallations	Detail	Products	- Channels	O Location		•	*
Instalation - 01	l	@ Link	Ø Unlink		( Visualization	🔏 Localizatio	on 👻
() Search Q						D,	Reset
→ 3/30 inputs found		$\forall \checkmark$	← 20/24 outputs t				$\triangleleft$
		∞• →					► Î
		<b>•••</b> •	-O- TXA610 - 1 -				•
WST302 - 1 - 1 House		<b>∞</b> • →	House - Light				
			ricade - Eign				
			↔ House - Light	ting			
			House - Shut				
			TXA624C - 1 House - Shut			<b>3</b>	•
			TXA624C - 1 House - Shut			J.	►
			TXA624C - 1 House - Shut			ം	•

- Click on an output to display the linked input(s).

The inputs controlling this output are displayed in blue. To return to the normal display, click on the output again. To exit visualisation mode, click on **«Visualisation**" again.

## 6.5 NOTIFICATIONS

This function enables different instructions to be provided to the installer while programming the installation. Various types of notifications can be sent, such as a downloading error or the availability of a new software version for the configuration server.

The presence of a notification is indicated with the D symbol.

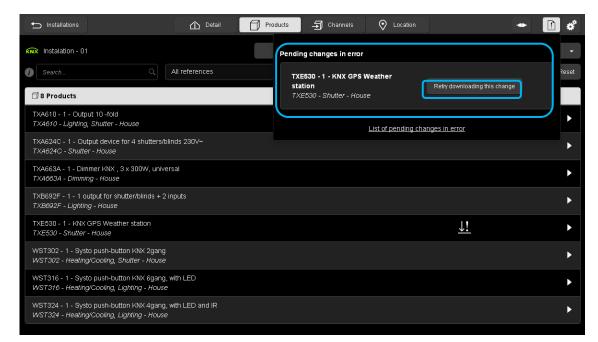
• **Example 1:** Product downloading error.

Installations	Detail	Products – Channels	O Location	-	1 🗳
Instalation - 01		Discovery		🔏 Localizati	on 👻
j Search Q	All references	~		C	Reset
🗇 8 Products					
TXA610 - 1 - Output 10 -fold TXA610 - Lighting, Shutter - House					•
TXA624C - 1 - Output device for 4 shutters/ TXA624C - Shutter - House	olinds 230V~				•
TXA663A - 1 - Dimmer KNX , 3 x 300W, univ TXA663A - Dimming - House	ersal				►
TXB692F - 1 - 1 output for shutter/blinds + 2 TXB692F - Lighting - House	inputs				►
TXE530 - 1 - KNX GPS Weather station TXE530 - Shutter - House					►
WST302 - 1 - Systo push-button KNX 2gang WST302 - Heating/Cooling - House					•
WST316 - 1 - Systo push-button KNX 6gang WST316 - Heating/Cooling, Lighting - House					Þ
WST324 - 1 - Systo push-button KNX 4gang WST324 - Heating/Cooling, Lighting - House				<u><u><u> </u></u></u>	•

When downloading, the programming of an installation product was not correctly rolled out.

A symbol is displayed beside the affected product.

- Click on to display the list of notifications.



- Click on "Retry downloading this change" to programme the product.

#### > Note:

If there is a downloading error, the configuration tool flags up the fault. Downloading must then be re-launched so that the changes are included in the installation.

• Example 2: Installation of a configuration server update.

Installations	Detail	Products	Ghannels	O Location		· 🗈
KNX Instalation - 01			scovery			🛵 Localization 👻
() Search Q	All references		~			Q Reset
🗇 8 Products						
TXA610 - 1 - Output 10 -fold TXA610 - Lighting, Shutter - House						►
TXA624C - 1 - Output device for 4 shutters/bil TXA624C - Shutter - House	nds 230V~					•
TXA663A - 1 - Dimmer KNX , 3 x 300W, univer TXA663A - Dimming - House	sal					•
TXB692F - 1 - 1 output for shutter/blinds + 2 i TXB692F - Lighting - House	nputs					•
TXE530 - 1 - KNX GPS Weather station TXE530 - Shutter - House						•
WST302 - 1 - Systo push-button KNX 2gang WST302 - Heating/Cooling - House						•
WST316 - 1 - Systo push-button KNX 6gang, WST316 - Heating/Cooling, Lighting - House	with LED					•
WST324 - 1 - Systo push-button KNX 4gang, WST324 - Heating/Cooling, Lighting - House	with LED and IR				<u>↓!</u>	•

- Click on to display the list of notifications.

nstallations	🚹 Detail	Products	🕤 Channels	O Location	•	1
R Installation - 01		Upda	tes available			
() Search Q	Il references		Version : 0.15.060		Install update	eset
🗇 8 Products			Thursday 04 June	2015 - 14:45		
TXA610 - 1 - Output 10 -fold TXA610 - Lighting - House						
TXA624C - 1 - Output device for 4 shutters/blin TXA624C - Shutter - House	ds 230∨~					•
TXA663A - 1 - Dimmer KNX , 3 x 300W, univers TXA663A - Dimming - House	al					•
TXB692F - 1 - 1 output for shutter/blinds + 2 inp TXB692F - Lighting - House	puts					•
TXE530 - 1 - KNX GPS Weather station TXE530 - Shutter - House						•
WST302 - 1 - Systo push-button KNX 2gang WST302 - Heating/Cooling - House						►
WST316 - 1 - Systo push-button KNX 6gang, wi WST316 - Heating/Cooling, Lighting - House	th LED					•
WST324 - 1 - Systo push-button KNX 4gang, wi WST324 - Heating/Cooling, Lighting - House	th LED and IR					•

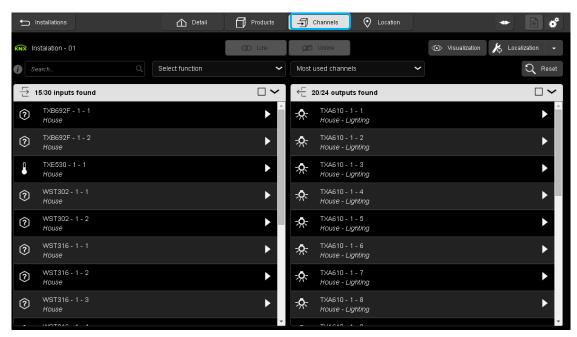
- Click "Install update" to launch programme installation.

# 7. CREATION OF LINKS

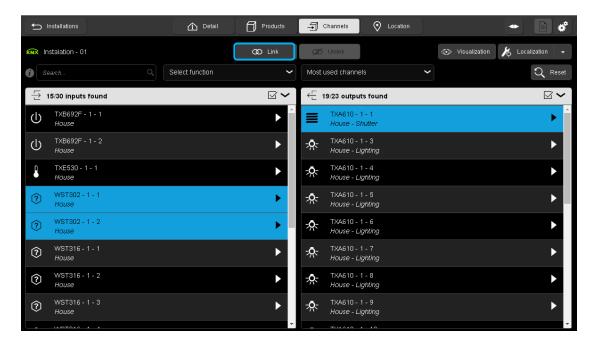
## 7.1 CREATION OF LINKS BETWEEN PRODUCTS

The creation of links enables linking of one or more inputs to one or more outputs, depending on the desired operational mode.

To be able to create a links between an input and an output, a function must be assigned to the input.



- Click on the Channels tab to see the list of inputs and outputs available from the installation.



- Select one or more inputs and one or more outputs. The selections are highlighted.
- Click Link to define the functions.

#### An "Outputs selected" window appears:

Select function			×
Outputs selected :	1		
WST302-1-2 🕥	Select function	$\sim$	
WST316 - 1 - 1 🍞	Select function	~	
	Link	Cancel	

- Click on in the "Select function" tab.

#### > Note:

If the input functions have already been allocated, the selection window is not displayed. The function has to be modified from the channel settings.

Select function		×
Outputs selected :	1	
WST302-1-2 🧭	Select function	)
WST316-1-1 🍞	▼ Shutter ≸▲ Blinds Up	
	j≓▼ Blinds Down	
	Shutter DOWN	
-2	المعرفة	
- 3	Scene	

- Select a function from the scroll-down list.

elect function				×
Outputs selected :				
WST302 - 1 - 1 📁▲	Blinds Up		✓ 1	
WST302 - 1 - 2 闄▼			✓ 1	
	Link	Cancel		

After selecting the different functions, click Link to confirm your choices.

#### > Note:

Depending on the type of function selected, the system will propose by default the associated function in the second input (**ON** and **OFF** or **Blinds Up and Blinds Down**).

← Installations	🛆 Detail 🗍 Products	Channels 📀 Location	• • •
RN Instalation - 01	QD Link	🐼 Unlink 🀼 Visualization	🎉 Localization 👻
() Search Q	Select function	Most used channels	Q Reset
는 15/30 inputs found		← 19/23 outputs found	
TXB692F - 1 - 1 House	►	TXA610 - 1 - 1 House - Shutter	
TXB692F - 1 - 2 House	►	- TXA610 - 1 - 3 House - Lighting	•
TXE530 - 1 - 1 House	►	TXA610 - 1 - 4 House - Lighting	•
₩ST302 - 1 - 1 House	<b>d</b> • •	- TXA610 - 1 - 5 House - Lighting	►
₩ST302 - 1 - 2 House	@• ►	- TXA610 - 1 - 6 House - Lighting	•
WST316 - 1 - 1 House	►	+ TXA610 - 1 - 7 House - Lighting	►
WST316 - 1 - 2 House	•	+ TXA610 - 1 - 8 House - Lighting	•
WST316 - 1 - 3 House	•	- TXA610 - 1 - 9 House - Lighting	•
		- TURSAD A 40	·

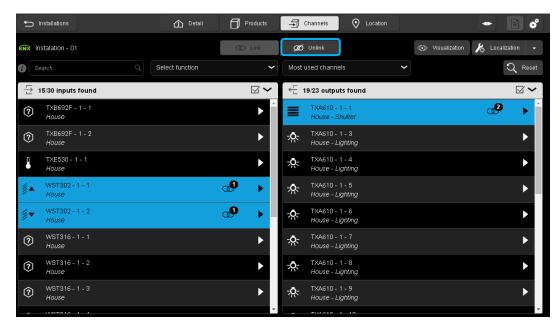
The inputs and outputs that are linked are represented by the symbol.

#### > Note:

The number to the right of the symbol indicates the number of components linked to the output or input. For an input, the symbol indicates that the input controls 2 outputs For an output, the symbol indicates that the output is controlled by 2 inputs.

- At the end of the configuration, it is advisable to make a stop / start of the KNX bus.

### 7.2 DELETING LINKS BETWEEN PRODUCTS



To delete the links between the inputs and outputs:

- Select the linked inputs and outputs.
- Click **Unlink** to delete the link between the inputs and outputs.

← Installations	Detail	Products	Ghannels 📀 Location	• • •
$a_{\rm eff}^{\rm V}$ Instalation - 01		O Link	Ø Unlink	Visualization 🖌 Localization 👻
Search Q	Select function	~	Most used channels	Q Reset
🔁 15/30 inputs found			← 19/23 outputs found	
U ТХВ692F - 1 - 1 House		► Î	TXA610 - 1 - 1 House - Shutter	
Ш <sup>ТХВ692F - 1 - 2</sup> House		•	TXA610 - 1 - 3 House - Lighting	•
TXE530 - 1 - 1 House		►	TXA610 - 1 - 4 House - Lighting	►
₩ST302 - 1 - 1 House		Ø •	+ TXA610 - 1 - 5 House - Lighting	•
₩ST302 - 1 - 2 House		Ø •	TXA610 - 1 - 6 House - Lighting	•
⑦ WST316 - 1 - 1 House		•	TXA610 - 1 - 7 House - Lighting	►
(?) WST316 - 1 - 2 House		•	TXA610 - 1 - 8 House - Lighting	•
() WST316 - 1 - 3 House		•	+ TXA610 - 1 - 9 House - Lighting	•
		*	- THEAD & 40	•

A *symbol temporarily appears on the unlinked components.* 

### 7.3 DEFINITION OF AN AUTOMATIC LINK

The purpose of this function is to automatically create links, depending on the choice of settings or the presence of a product, and to facilitate the configuration of products.

The automatic link is carried out from the fixed group addresses that are directly allocated after the discovery of products. These links are not visible from the channels view.

• Automatic link in the products: they cannot be modified though the configuration tool.

Transmitter products	Description	Group address	Receiver products
	Current date 1	30/0/032	
Domovea	Current time 1	30/0/033	
	Current date and current time 1	30/0/034	
	Current date 2	30/0/035	Master/Slave clock
Weather station	Current time 2	30/0/036	Room ambient controller
	Current date and current time 2	30/0/037	<b>F</b>
Master/Slave	Current date 3	30/0/038	Energy manager
clock	Current time 3	30/0/039	Auto temperature controller
	Current date and current time 3	30/0/040	
Domovea Weather station Master/Slave clock	Current date and current time request	30/0/041	
Weather station Twilight switch	Brightness	30/0/002	Domovea Twilight switch
Weather station	Day/night	30/0/003	LED push-button Domovea Auto temperature controller
Weather station Energy manager	Exterior temperature	30/0/000	Domovea Room ambient controller Energy manager Auto temperature controller
Weather station	Wind speed	30/0/001	Domovea

Transmitter products	Description	Group address	Receiver products
	Position % Façade 1	30/0/016	
	Slat position % Façade 1	30/0/017	
	Position % Façade 2	30/0/018	Bi-application output module
Weather station	Slat position % Façade 2	30/0/019	
	Position % Façade 3	30/0/020	Shutter/Roller-blind output
	Slat position % Façade 3	30/0/021	module
	Position % Façade 4	30/0/022	
	Slat position % Façade 4	30/0/023	
	Wind alarm 1	30/0/008	Domovea
	Wind alarm 2	30/0/009	Bi-application output module
Weather station	Wind alarm 3	30/0/010	
	Rain alarm	30/0/011	Shutter/Roller-blind output
	Frost alarm	30/0/012	module

• Auto link via settings: they can be modified though the configuration tool.

### 7.3.1 AUTOMATIC LINK IN THE PRODUCTS

7.3.1.1 Current date and current time

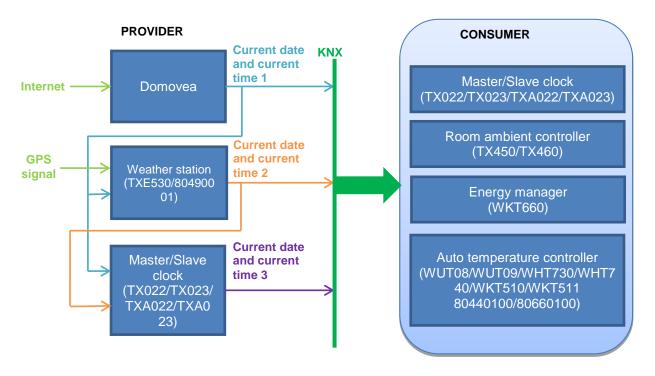
This automatic link is used by several products. They are comprised of several items, such as:

- Current date and time
- Current time
- Current date

Information on these items can come from 3 different sources, each with its priority:

- The Domovea system (priority 1 the highest)
- The weather station (priority 2 medium)
- A clock (priority 3 the lowest)

If there is a Domovea system in the installation, the reference current date and time will be provided by this system (priority 1). If not, the weather station will provide the reference current date and time (priority 2). And finally, if neither of these products is present in the installation, the reference current date and time will be provided by a clock (see diagram below).



#### > Note:

At the end of discovery, the configuration tool transmits the current date and time on the group address, predefined as Current date and time 3, Current time 3 and Current date 3. Thus, at the end of the scan, those products requiring the current time and date are updated right away.

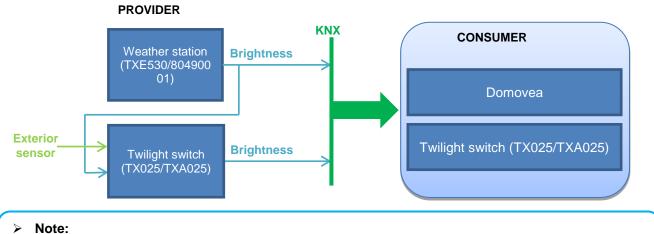
A request system (current date and time request) is implemented to ensure automatic management of the current date and time

#### 7.3.1.2 Brightness

This automatic link is used by the twilight switches. They have a master/slave light intensity channel.

The Domovea monitoring system also uses this link but only for the slave channel.

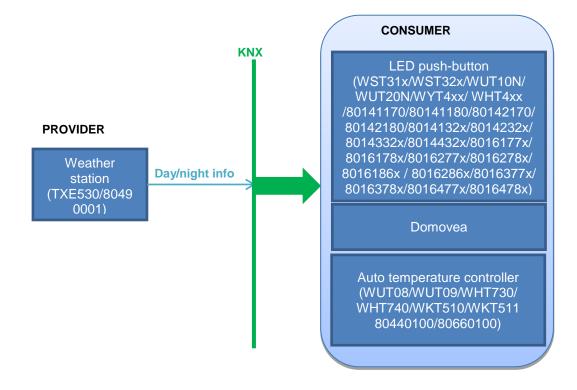
These products are slaves by default. They become masters when a light intensity sensor is connected to a product.



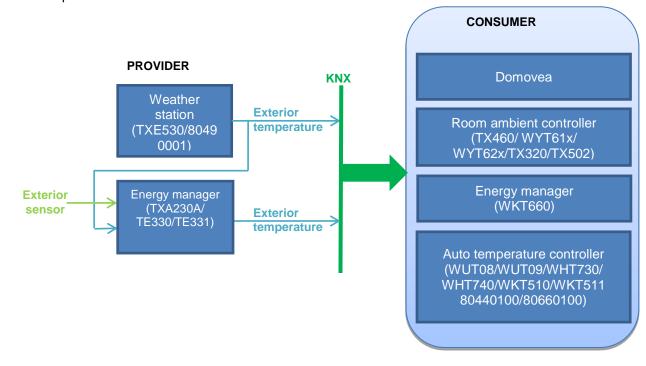
The presence of the weather station indicates that the twilight switch does not need a sensor. A single light intensity sensor is sufficient.

#### 7.3.1.3 Day/night information

This automatic link is used by LED push-buttons, thermostats and the Domovea monitoring system. They have a channel that allows the indicator lights to be controlled from the front panel.



### 7.3.1.4 Exterior temperature



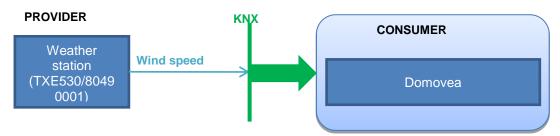
This automatic link is used by several products. They have a channel that enables the display or use of the exterior temperature.

### > Note:

The presence of the weather station indicates that the energy manager does not need a sensor. A single exterior temperature sensor is sufficient.

### 7.3.1.5 Wind speed

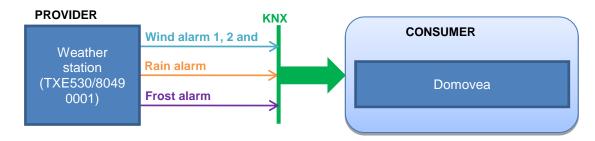
This automatic link is used by the Domovea monitoring system. It has a channel that enables the display of wind speed.



### 7.3.1.6 Bad weather alarm

This automatic link is used by the Domovea monitoring system. It has channels that enable display of the status of the:

- wind alarm 1, 2 and 3
- rain alarm
- frost alarm



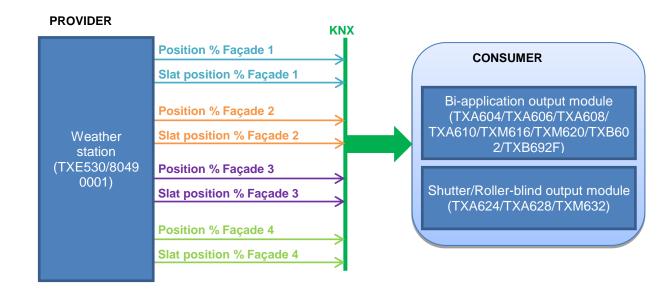
### 7.3.2 AUTOMATIC LINK VIA SETTINGS

### 7.3.2.1 Solar tracking

Solar tracking can be enabled on a shutter output, depending on the configuration tool setting.

Sun position	Not active	^
	Facade 1	
	Facade 2	
	Facade 3	
	Facade 4	
	Not active	

This setting positions the pre-defined group addresses for solar tracking.



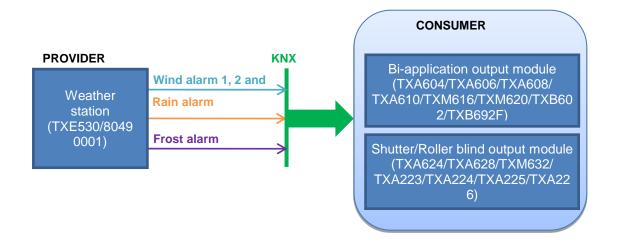
### On the shutter output

### 7.3.2.2 Bad weather alarm

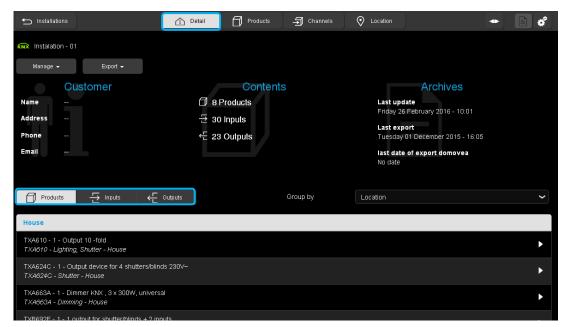
Bad weather alarms can be enabled on a shutter output depending on the configuration tool setting.

On the shutter output			
Wind Alarm level	No Wind alarm	~	
Position on wind alarm	Not active	~	
Rain Alarm	No	~	
Position on rain alarm	Not active	~	

This setting positions the pre-defined group addresses for solar tracking.



## 8. INSTALLATION MANAGEMENT



- Click Detail. The name of the installation is displayed.

On this window, you will find:

- The Customer's information:
  - Name
  - Address
  - Phone
  - Email
- The installation contents:
  - The number of products
  - The number of inputs
  - The number of outputs
- The installation archives:
  - Last update
  - Last export
  - Last date of export Domovea
- 2 tabs:
  - Manage:
    - o Relearn installation
    - Factory reset
    - Factory reset of unknown TP products
    - Factory reset of unknown RF products
    - o Download
  - Export
    - Export the TXA100 installation
    - Export to Domovea (local)
    - Export to Domovea (server)

- Group by installation location.

- Organise the contents in different tabs:
  - Products
  - Inputs
  - Outputs.

### 8.1 RELEARN INSTALLATION

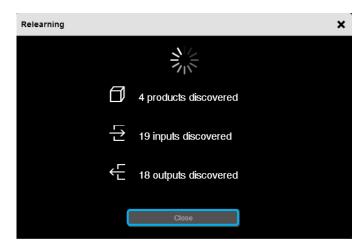
This function lets you go through the setting and the installation links again, from the installation itself. The configuration tool searches for products present in the installation, as well as the links between the different products.

- Create a new installation (see chapter <u>4.1</u>).
- Click on the **Detail** tab.

← Installations	👔 Detail	Products	- Channels	O Location	•	
Instalation - 01						
Manage - Export -		Content	2		Archives	
Factory reset of the whole installation	[] or or	Product	5	<b>Last update</b> Friday 26 Febr	uary 2016 - 10:01	
Factory reset of unknown RF products	순 00	Dutput		last date of e	ecember 2015 - 16:05 xport domovea	
Download all devices of the installation				No date		

- Click on the Manage tab.

- Click on Relearn installation.



- When relearning is finished, click on the **Close** tab.

The window shows a certain number of products detected as well as the number of associated inputs and outputs.

### > Note:

The duration of relearning depends of the size of the installation. However, the duration is approximately 15 minutes for a "standard" installation.

### 8.2 FACTORY RESET

Factory reset enables reloading of the default settings (factory setting configuration). The product can then be recognised by the configuration server again.

### 8.2.1 FACTORY RESET (OF THE INSTALLATION)

The default settings will only be reloaded in products belonging to the installation.

nstallations	Detail 🗍 Products	🗐 Channels 📀 Location	• E #
KNX Instalation - 01 Manage → Export →			
Relearn installation Factory reset of the whole installation Factory reset of unknown TP products Factory reset of unknown RF products Download all devices of the installation	Contents ① 8 Products 단 30 Inputs 단 24 Outputs	Last upd Friday 26 Last exp Tuesday	February 2016 - 10:01

- Click on the **Manage** tab.
- Click on Factory reset.

A "Factory reset of an installation" window appears:

Factory reset of installation	
Do you really want to do a fac	tory reset on this installation ?
Yes	Νο
Yes	No

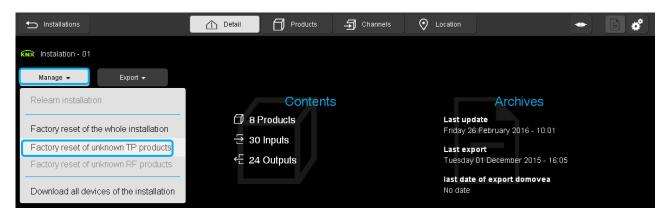
- Click **Yes** to confirm.

### > Note:

A factory reset can also be performed just on the product (see chapter 6.1.3)

### 8.2.2 FACTORY RESET OF UNKNOWN TP PRODUCTS

The default settings will only be reloaded in wired products not belonging to the installation.



- Click on the **Manage** tab.
- Click on Factory reset of unknown TP products.

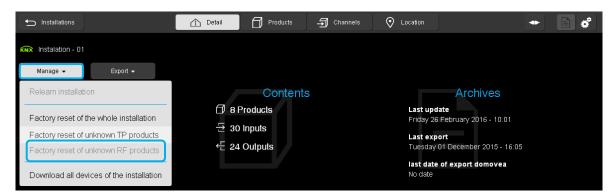
An "Unknown TP products factory reset" window appears:

Unknown TP	Unknown TP products factory reset			
Do you really want to factory reset unknown TP products?				
То	To do this, please ensure that these products are in addressing mode.			
Yes No				

- Press the Physical address button for the relevant products.
- Click Yes to confirm.

### 8.2.3 FACTORY RESET OF UNKNOWN RF PRODUCTS

The default settings will only be reloaded in radio products not belonging to the installation.



- Click on the Manage tab.
- Click Factory reset of unknown RF products.

An "Unknown RF products factory reset" window appears:

Unknown RF products factory reset			
Do you really want to factory reset unknown RF products?			
To do this, please ensure that you just cut and hand power to a single bidirectional RF product. You only have 15 seconds to reset factory the product back after the power failure.			
Yes	No		

- Press the radio product CFG button

OR

- Switch the radio product on/off.
- Click Yes to confirm.

### 8.3 DOWNLOADING

Downloading enables reloading of the installation settings in each product. It thus restores consistency between the installation configuration and the setting stored in the configuration server.

There are several downloading modes.

- Downloading a product (see chapter <u>6.1.3</u>)
- Downloading modifications only (see chapter 9.1)
- Downloading from a notification (see chapter 6.5)
- Downloading the entire installation

The last function is mainly used when the installation setting is faulty. This downloading reprograms all of the products with the last setting that was backed up.

nstallations	Detail Products	🗐 Channels 📀 Location	•	<b>e *</b>
Instalation - 01				
Manage 🗸 Export 🗸				
Relearn installation	Contents		Archives	
Factory reset of the whole installation Factory reset of unknown TP products	☐ 8 Products→ 30 Inputs	Last up Friday 2 Last ex	26 February 2016 - 10:01	
Factory reset of unknown RF products	⋲ 24 Outputs	Tuesda	y 01 December 2015 - 16:05 te of export domovea	
Download all devices of the installation		No date		

- Click on the Manage tab.
- Click Download of devices of the installation.

An "Installation download" window opens:

Installation	Installation download		
	Do you really want to do	wnload the installation ?	
	Yes	No	

- Click Yes to confirm.

#### > Note:

Downloading is essentially used when modifications have been made to the settings when the configuration tool is not linked to the installation bus.

### 8.4 EXPORT

### 8.4.1 SAVE INSTALLATION

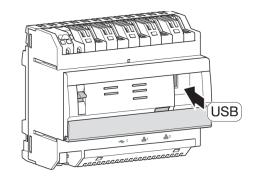
The created installation is backed up in the configuration server.

Exporting an installation backs the project up on different computer storage media.

Exporting can be performed from a tablet or Smartphone by connecting a USB key to the configuration server, or from a PC.

### From a tablet or Smartphone

- Insert the USB key into one of the configuration server's USB ports.



S Installations	🚹 Deta	Products	🕤 Channels 📀	Location	• •
(N) Instalation - 01					
Manage 👻	Export -				
Cu	Save installation	ents		Archives	
Name	Export to domovea file			Last update	
Address	Export to domovea server			Friday 26 February 2016 - 11:20	
Phone	Export documentation			Last export Tuesday 01 December 2015 - 16:05	
Email				last date of export domovea	
				No date	

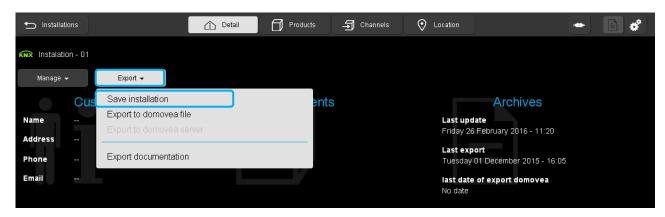
- Click on the **Export** tab.
- Click on **Save installation** to generate the back-up of the installation in "**.txa**". The file name corresponds to the application name.



- Archive the backed up file.

To restore the configuration, please see chapter 4.2.1

From a PC



- Click on the Export tab.
- Click on Save installation to generate the back-up of the installation.

A window appears:

Enregistrer sou	IS							? 🔀
Enregistrer dans :	C ANGLAIS		~	0	Ø	ø	•	
Mes documents récents Bureau Mes documents	Installation - 01.txa							
Poste de travail	Nom du fichier :	Installation - 02.txa					~	Enregistrer
<b>S</b>	Туре:	Fichier TXA (.txa)					~	Annuler
Favoris réseau								

The file name corresponds to the application name by default.

- Click Save.
- Archive the backed up file.

### > Note:

The file management window may not appear. In this case, the file is directly generated with the default name in the downloading directory in your web browser. For this window to appear, refer to your web browser settings in the Downloading tab.

To restore the configuration, please see chapter 4.2.2

### 8.4.2 EXPORTING THE INSTALLATION TO DOMOVEA

When the setting is complete, the configuration can be automatically transferred to a Domovea server. In this case, all device types as well as the layout of the house are generated.

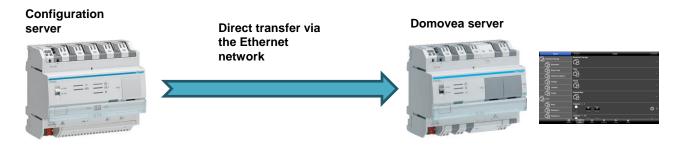
There are two transfer methods:

- Export the installation to Domovea (locally): settings transfer is carried out using a configuration file, which is manually imported to Domovea.
- Export the installation to Domovea (directly): the transfer is direct when the configuration server and the Domovea server are found on the same IP network.
- Note:

To be able to transfer a file, you must have Domovea version 3.5 as a minimum.

### 8.4.2.1 Exporting the installation to Domovea (directly)

The transfer is direct when the configuration server and the Domovea server are found on the same IP network.



nstallations		ail 🗍 Products 🗐 Channels	🛇 Location 🔷 📄 🗳
KNX Instalation -	01		
Manage 👻	Export -		
Name Address	Save installation Export to domovea file Export to domovea server	ents	Archives Last update Friday 26 February 2016 - 11:20
Phone	Export documentation		Last export Tuesday 01 December 2015 - 16:05
Email			last date of export domovea No date

- Click on the Export tab.
- Click on Export to Domovea server (directly)

port to Domovea (server)	×
Please select server	Discovery
TJA4XX-F00B3A	192.168.2.5
Manual entry	
Export	Close

The configuration programme offers a list of Domovea servers present on the network.

- Click on **Discovery** to refresh the list of Domovea servers present

Export to Domovea (server)		×
Please select server	Discovery	
TJA4XX-F00B3A	192.168.2.	.5
TJA4XX-F00B3A		
Export	Close	

- Select the relevant Domovea server or manually enter the name of the server.
- Click **Export** to transfer the configuration.

Loading	is	automatic
---------	----	-----------

xport to Domovea (server)				
	e export of the installation	was co	mpleted successfully	
Please select se	rver		Discovery	
TJA4XX-F00B	3A		192.168.2.	5
TJA4XX-F00B	3A			
	Export		Close	

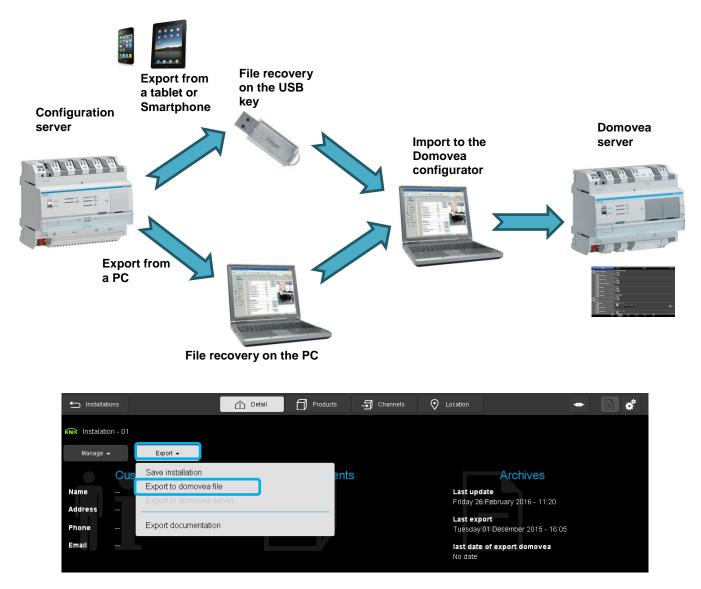
A message indicates that the export has been successfully completed.

- Launch the Domovea client. Devices are displayed according to the exported setting.

House	categories House	commands
Basement Garage	Basement Garage	
Basement		
	Floor	
Electrical cabinet 1		
Garage	Garret	
Pantry	Ground floor	
<del>ل</del> هم المحمد ا	만	
D Bath	TXA610 - 1 - 1	
Bedroom 1	burn off burn on	0 0
Bedroom 2	TXA610 - 1 - 10	
daubboar	and the state of t	

### 8.4.2.2 Exporting the installation to Domovea (locally)

Settings transfer is carried out using a configuration file, which is manually imported to Domovea.



- Click on the Export tab.
- Click on Export the installation to Domovea (locally) to generate the Domovea installation file in ".ezt" format.

A window appears:

Enregistrer sou	IS						? 🛛
Enregistrer dans :	C ANGLAIS		~	G 💋	ø	•	
Mes documents récents Bureau	Installation - 01.ezt						
Mes documents							
Poste de travail							
Foste de travail	Nom du fichier :	Installation - 01.ezt				*	Enregistrer
<b></b>	Туре:	Fichier EZT (.ezt)				~	Annuler
Favoris réseau							

The file name corresponds to the application name by default.

- Click Save.

### > Note:

The file management window may not appear. In this case, the file is directly generated with the default name in the downloading directory in your web browser. For this window to appear, refer to your web browser settings in the Downloading tab.

- Launch the Domovea configurator.



Domovea configurator (configuration tool)

Domovea configuration		
General Configuration ?		
Server Selection	Add 🔀 Remove 🗍 Duplicate 🛛 🖉 Apply 🔕 Cancel	
🔆 Server Settings	Pronetiee	All items
	o domovea import/export	No filter
😵 Quit	P TXA100 Import	Ho item to display     ■
	Description	
	Background None 🔍 🌶	
	Current group items	
	Current group items	
Groups		
E Devices		
Cameras		
24: Automation		
Measures		
Profiles		
Icons and Backgrounds		
*		
KNX interface 👻 🐂 TJA4XX-FOOE	je	( <b></b> )

- Click on the General tab, then Manage the data, then Import TXA100.

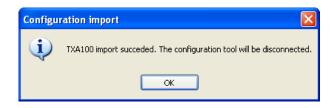
### > Note:

Before importing a TXA100 configuration, the Domovea server must be reset (blank setting).

Ouvrir								? 🗙
Regarder dans :	C ANGLAIS		~	G	ø	Þ	•	
Mes documents récents	Installation - 01.ezt							
<b>B</b> ureau								
Mes documents								
Poste de travail	Nom du fichier :	Installation - 01.ezt					*	Ouvrir
	Fichiers de type :	Tous les fichiers					~	Annuler
Favoris réseau		Ouvrir en lecture seule						

- Select the desired ".ezt" file and click Open

The following message is displayed, indicating that downloading was successful.



- Click on OK to restart the Domovea configurator
- Launch the Domovea customer. Devices are displayed according to the exported setting.

House	categories House	commands
Basement Garage	Basement Garage	>
Basement		
Boiler room	Floor	>
Electrical cabinet 1		
Garage	Garret	
	<u></u>	>
Pantry	Ground floor	
Floor	<u> </u>	>
Bath	TXA610 - 1 - 1	
Bedroom 1	turn off turn on	$\bigcirc$ $\otimes$
Bedroom 2	TXA610 - 1 - 10	
D Bath Bedroom 1 Bedroom 2	G         O         turn off           House         turn on         turn on           TXA610 - 1 - 10         Image: Comparison of the turn on off         Image: Comparison of turn on off	0 @

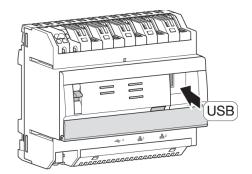
### 8.4.3 EXPORTING THE INSTALLATION REPORT

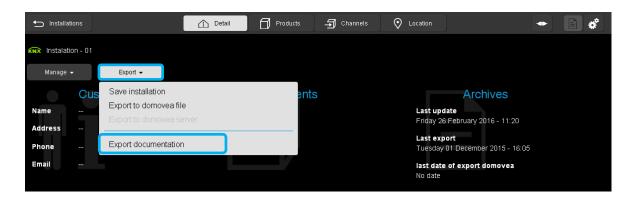
The backup of the installation created is stored on the configuration server.

The installation report can be exported as a document containing all the information about the installation. This export can be carried out using a tablet or a smartphone by connecting a USB memory stick to the configuration server or from a PC.

8.4.3.1 Using a tablet or a smartphone

- Insert a USB memory stick in one of the USB ports of the configuration server.





- Click the Export tab.
- Click Export documentation.

A window is displayed:

Installation documentation			×
Select contents of installation documenta	tion		
🖬 🗇 Products list			
Group by	None	~	
🗹 🗇 Input list			
Group addres	ss details		
Group by	None	~	
🗹 🗍 Output list			
Group addre	ss details		
Group by	None	~	
Export		Close	

- Select the report contents based on the products, inputs and outputs.
- Click **Export** to generate the installation report to ".pdf". The file name is the name of the application.

### 8.4.3.2 From a PC

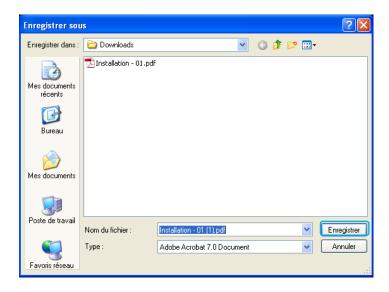
🕤 Installations	Detail	Products	Ghannels	O Location	•	<b>B</b> ¢
KNX Instalation - 01						
Manage 🗸	Export -					
Cus Name Address	Save installation Export to domovea file Export to domovea server	ents		At Last update Friday 26 Februar	<b>'Chives</b> y 2016 - 11:20	
Phone	Export documentation			Last export Tuesday 01 Decer	mber 2015 - 16:05	
Email				last date of expo No date	ort domovea	

- Click the **Export** tab.
- Click Export documentation.

Installation documentation		×
Select contents of installation documenta	ation	
🗹 🗇 Products list		
Group by	None 🗸	
🗹 🗇 Input list		
Group addre	ess details	
Group by	None 🗸	
🖬 🗇 Output list		
Group addre	ess details	
Group by	None 🗸	
Export	Close	

- Select the report contents based on the products, inputs and outputs.
- Click Export.

A window is displayed:



By default, the file name is the name of the application.

- Click Save.

### > Note:

The file management window may not be displayed. In that case, the file is generated directly with the default name in the Downloads directory of your Web browser. To display the window, see the settings for your Web browser under Downloads .

### 8.4.3.3 Installation report format

The installation report can be composed of a selection of different components.

- Select the desired lists.

Installation docume	entation			×	
Select contents of i	nstallation documental	tion			
R	🗇 Products list				
	Group by	None	~		
Ŋ	🗇 Input list				
	Group address details				
	Group by	None	~		
R	🗇 Output list				
	Group addres	ss details			
	Group by	None	~		
	Export		Close		

The report is composed of:

- The **cover page** that recaps the information about the installation.

- The **list of products** that can be classified by place, use, reference or unsorted.

easy	INSTALLATION DOCUMENTATIC	N
	Installation : Install Contract nun Modification date : 24/02/2014 Printing date : 26/02/2014	nber: 6-09:00
Installer Name : Address :		
Phone : Email :		
Customer Name : Address :		
Phone : Email :		
	:hager	
	Products list	
Byrodach 10000 - 1	Products list	
TXB82F - 1 House 1 output for shuttenblinds + 2 inputs TXE530 - 1 House KAVK GPS Weather station	Products list	
1708/007 - 1 Hoade 1 adput for Multitebilinds + 2 trputs 1 Mission 1 Mission WIGI 320 - 1 Hoade Synto punk-baltern KMC Zgang WIGI 316 - 1 Hoade Synto punk-baltern KMC Zgang, with LED	Products list Use Resenting Configuration Owned 1-2: Browy LED Color for On: Grown LED Color for On: Grown LED Color for On: Grown	
1708/067 - 1 Hoare 1 angla for shaftenbinds + 2 pipels 1 Stage 1 for Stage 1 Hoare Not GPS Hoarther station WS1302 - 1 Hoare and Hoard NOC 2pang WS1316-1 Hoare Syste panh-bodom NOC Spang, with LED WS1304 - 1	Products list Una at Parameters Configuration Channel 12.2 filtury LED Color for Channel 12.2 filtury	
1708/007 - 1 Hoade 1 adput for Multitebilinds + 2 trputs 1 Mission 1 Mission WIGI 320 - 1 Hoade Synto punk-baltern KMC Zgang WIGI 316 - 1 Hoade Synto punk-baltern KMC Zgang, with LED	Products list           time         memorization           LED Oder for On: Grown         LED Oder for On: Grown           LED Oder for On: Grown         LED Oder for On: Grown           LED Oder for On: Grown         LED Oder for On: Grown           LED Oder for On: Grown         LED Oder for On: Grown           LED Oder for On: Grown         LED Oder for On: Grown           LED Oder for On: Grown         LED Oder for On: Grown           Destignation: Gharendt 9.1 (Browy)         Configuration: Gharendt 9.1 (Browy)           Configuration: Gharendt 9.1 (Browy)         Configuration: Gharendt 9.1 (Browy)	
1200007-1 Tablotor-1 Tables for branchiblishedi + 2 Papula Tables for NAVE GPS Visionalism station NAVE GPS Visionalism Station Synta panh solution NOC 2gaing WEITIG - 1 Synta panh-bedrom NOC Sgaing, with LED WEITIG - 1 Home Notes and Notes Statistical Statistics Notes and Notes Statistics Notes	Products list Doe at Parameters Configuration Channel 12, Shory LED Color for Channel LED Color for Cha	

- The **list of inputs** that can be classified by place, function, reference or unsorted.

- The **list of outputs** that can be classified by place, use, reference or unsorted.

	easy		Input list		
	30 Inputs		inked outputs	z Parameters	
8	TXB692F - 1 - 1 House - ON 1 90	*	TXA610 - 1 - 1 House	Inverted : Not inverted	
0	TXB692F - 1 - 2 House - OFF 1 @	٠	TXA610 - 1 - 1 House	Inverted : Not inverted	
8	WST302 - 1 - 1 House - Shutter UP	•	TXA624C - 1 - 1 House		
9	WST302 - 1 - 2 House - Shutter DOWN	•	TXA624C - 1 - 1 House		
ł	TXE530 - 1 - 1 House - Common function				
¢	WST302 - 1 - 3 House - Heating/Cooling				
۲	WST316 - 1 - 1 House - No function				
٩	WST316 - 1 - 2 House - No function				
٩	WST316 - 1 - 3 House - No function				
٩	WST316 - 1 - 4 House - No function				
٩	WST316 - 1 - 5 House - No function				
٩	WST316 - 1 - 6 House - No function				
đ	WST316 - 1 - 7 House - Heating/Cooling				
٩	WST324 - 1 - 1 House - No function				
٩	WST324 - 1 - 2 House - No function				
۲	WST324 - 1 - 3 House - No function				
۲	WST324 - 1 - 4 House - No function				
۲	WST324 - 1 - 5 House - No function				
۲	WST324 - 1 - 6 House - No function				
۲	WST324 - 1 - 7 House - No function				
٢	WST324 - 1 - 8 House - No function				
٩	WST324 - 1 - 9 House - No function				
٩	WST324 - 1 - 10 House - No function				
٩	WST324 - 1 - 11 House - No function				

	easy		Output list	
۰E	22 Outputs		inked inputs	at Parameters
÷	TXA610 - 1 - 1	ð	TXB692F - 1 - 1	Timer duration : 2 min
	House - Lighting		House	Cut-OFF pre-warning : 30 s
		۵	TXB692F - 1 - 2 House	
-	TXA624C - 1 - 1		WST302 - 1 - 1	Sun position : Not active
	House - Shutter		House	Wind Alarm level : No Wind alarm
	200		WST302 - 1 - 2	Relay closing time for
			House	slat positioning (ms): 150
				Closing type : Shutter and blind
				Rain Alarm : No
				Total number of slat angles : 12
				Down movement duration : 120
				Up movement duration : 120
				Position on rain alarm : Not active
				Position on wind alarm : Not active
۰	TXA510 - 1 - 2			Timer duration : 2 min
	House - Lighting			Cut-OFF pre-warning : 30 s
۰	TXA610 - 1 - 3			Timer duration : 2 min
	House - Lighting			Cut-OFF pre-warning : 30 s
۰				Timer duration : 2 min
	House - Lighting			Cut-OFF pre-warning : 30 s
¢	TXA610 - 1 - 5 House - Lighting			Timer duration : 2 min
				Cut-OFF pre-warning : 30 s
۰	TXA610 - 1 - 6 House - Lighting			Timer duration : 2 min
				Cut-OFF pre-warning : 30 s
۰	TXA610 - 1 - 7 House - Lighting			Timer duration : 2 min
	0 0			Cut-OFF pre-warning : 30 s
÷	TXA610 - 1 - 8 House - Lighting			Timer duration : 2 min
				Cut-OFF pre-warning : 30 s
8	TXA610 - 1 - 9 House - Lighting			Timer duration : 2 min
				Cut-OFF pre-warning : 30 s
*	TXA610 - 1 - 10 House - Lighting			Timer duration : 2 min Cut-OFF pre-warming : 30 s

The list of addresses classified by inputs and outputs (if the Group address details option is selected).

•	185y	List of gro	up addresses pe	a input
÷	30 Inputs	Ob	jects	Group addresses
8	TXB692F - 1 - 1 House - ON	+E	OwOff	24/4/24 / [0/4/5 (0009400AF049)
٥	TXB692F - 1 - 2	÷	OnVOIT	24/4/24 / (D/4/5 (0009400AF049)
8	House - OFF WST302 - 1 - 1			24446
	House - Shutter UP	÷	Up/Down Stop	24/4/0
	WST302 - 1 - 2	£	Up/Down	244/61
	House - Shutter DOWN		Stop	24/4/70
ł	TXE530 - 1 - 1	۰E	Outdoor temperature	24/4/5
	House - Common function		Wind speed	24/4/5/
			Luminosity	24/4/62
			Day/Night	24/4/60
			Wind alarm 1	24/4/6*
			Wind alarm 2	24/4/5
			Wind alarm 3	24/4/5
			Rain alarm	24/4/5
_			Frost alarm	24/4/5
۲	WST316 - 1 - 1 House - No function			
۲	WST316 - 1 - 2 House - No function			
۲	WST316 - 1 - 3			
۲	House - No function WST316 - 1 - 4			
-	House - No function			
٩	WST316 - 1 - 5 House - No function			
٩	WST316 - 1 - 6 House - No function			
٩	WST324 - 1 - 1 House - No function			
٩	WST324 - 1 - 2 House - No function			
٢	House - No function WST324 - 1 - 3			
•	WST324 - 1 - 3 House - No function WST324 - 1 - 4			
÷	WST324 - 1 - 4 House - No function			
٩	WST324 - 1 - 5 House - No function			
٩	WST324 - 1 - 6 House - No function			
0	WST324 - 1 - 7 House - No function			
٩	WST324 - 1 - 8 House - No function			
٩	WST324 - 1 - 9 House - No function			

	22 Outputs TXA610 - 1 - 1		jocts Ov/Off	Group addresses 2/4/44, 24/4/24 / [0/4/5 (0009400AF6
Τ.	House - Lighting	2	Automatism deactivation	2/4/44, 24/42/4 / (UHAIS (UDUSHOUNT'S) 2/4
			On/Off status	24
		<del>ر</del>	Automatism deactivation status	24
-	TXA624C - 1 - 1		Up/Down	24/9, 24/
	House - Shutter		Step/Stop	200,00
			Step	24/6.24/
			Position control	2
			Slat angle control	-
			Automatism deactivation	-
		Æ	Position control status	24
		-	Slat angle control status	24
			Top position	24
			Bottom position	24
			Automatism deactivation status	24
۰	TXA610 - 1 - 2	-5	OwOff	24
	House - Lighting		Automatism deactivation	24
		€	On/Off status	244
			Automatism deactivation status	244
¢	TXA610 - 1 - 3	-5	On/Off	24
	House - Lighting		Automatism deactivation	24
		€	On/Off status	244
			Automatism deactivation status	244
÷	TXA610 - 1 - 4	쥰	OwOff	24
	House - Lighting		Automatism deactivation	24
		€	On/Off status	24
			Automatism deactivation status	244
¢	TXA610 - 1 - 5	-5	On/Off	24
	House - Lighting		Automatism deactivation	24
		€	On/Off status	244
			Automatism deactivation status	244
¢	TXA610 - 1 - 6 House - Lighting	5	On/Off	24
	House - Lighting		Automatism deactivation	24
		€	On/Off status	244
			Automatism deactivation status	244
÷	TXA610 - 1 - 7 House - Lighting	5	On/Off	24
			Automatism deactivation	24
		€	On/Off status	244
			Automatism deactivation status	244

## 9. RELATED FUNCTIONS IN THE MENUS

### 9.1 ONLINE/OFFLINE CONFIGURATION

This function is used when setting of the installation is not performed on-site. When the configuration tool is "Offline", the setting for the installation is stored but not transferred to the products.

- **On-line**: the configuration tool constantly communicates with the installation. Downloading is carried out as the configuration. The installation can be tested at each stage.
- **Off-line**: the configuration tool does not constantly communicate with the installation. Full downloading is carried out at the end of the configuration.
- **Example of use:** You want to perform the settings and name the products on the desktop.
- Connect the configuration tool to the installation
- Start the configuration tool and create a new installation
- Launch product discovery.

When discovery is complete, the products are addressed and stored in the installation.

Instalation - 01     Iscovery       Search     All references	🎉 Localization 🕞
	Q Reset
∏ 8 Products	
TXA610 - 1 - Module 10 sorties TXA610 - No function	•
TXA624C - 1 - Mod. 4 sorties volets/stores 230V~ TXA624C - No function	•
TXA663A - 1 - Module 3 sorties variation 300W / NE TXA663A - No function	•
TXB692F - 1 - 2 entrées + 1 sortie volet à encastrer T <i>XB692F - No function</i>	•
TXE530 - 1 - Station météo GPS KNX TXE530 - No function	•
WST302 - 1 - Systo bouton poussoir, tebis KNX 2 touches WST302 - No function	•
WST316 - 1 - Systo bouton poussoir, tebis KNX 6 touches, avec LED WST316 - No function	•
WST324 - 1 - Systo bouton poussoir, tebis KNX 4 touches, avec LED et IR WST324 - No function	•

- Click on to go to **off-line** mode.

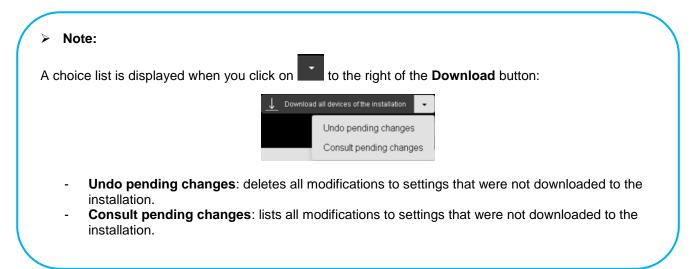
From now on, all modifications to the settings will be stored in the configuration tool but not transferred to the products.

The symbol changes status to show off-line mode and a Download installation changes button appears, which enables manual control of downloading.

S Installations	Detail	Products	- Channels	O Location		💶 🖬 💰
Instalation - 01					Download all devices	s of the installation 🛛 👻
() Search Q	All references		~			Q Reset
🗇 8 Products						
TXA610 - 1 - Output 10 -fold TXA610 - Lighting - House					*	►
TXA624C - 1 - Output device for 4 shutter TXA624C - Shutter - House	s/blinds 230∨~					►
TXA663A - 1 - Dimmer KNX , 3 x 300W, un TXA663A - Dimming - House	niversal					►
TXB692F - 1 - 1 output for shutter/blinds TXB692F - Lighting - House	+ 2 inputs					►
TXE530 - 1 - KNX GPS Weather station TXE530 - Shutter - House						►
WST302 - 1 - Systo push-button KNX 2ga WST302 - Heating/Cooling - House	ng					•
WST316 - 1 - Systo push-button KNX 6ga WST316 - Heating/Cooling, Lighting - Ho						►
WST324 - 1 - Systo push-button KNX 4ga WST324 - Heating/Cooling, Lighting - Ho						•

symbol indicates that the change in setting has not been transmitted to the product. The

Click on **Download installation changes** to transmit the new settings.



#### 9.2 SETUP MENU

♦ Name ▲ Date
Installation - 01 Monday 29 June 2015 - 16:10

This section is for setting up the configuration server.

Click on ; a scroll-down list appears:

- •
- My profile Server setup •
- Theme •
- . About

#### 9.2.1 **PROFILE MANAGEMENT**

Name         Date         Memo           Installation - 01         Monday 29 June 2015 - 16:10         2	► New •	🕞 Open 🖉 Edit 💼 Delete	ti My profile Server configuration Theme i_ About
Installation - 01 Monday 29 June 2015 - 16:10	Name	▲ Date	Memo
	Installation - 01	Monday 29 June 2015 - 16:10	

Click on , then **My profile** to complete the Installer profile. -

My profile			×
Name		Address	
Company			
Phone		Postal Code	
Mobile		City	
Email		Country	
		France	~
Si	ave	Cancel	

- Click on **Save** after entering your profile.

### 9.2.2 SERVER CONFIGURATION

		ti My profile Server configuration Theme
🕂 New 🕶 🗁 Open	🖉 Edit 💼 Delete	i About
<b>♦</b> Name	▲ Date	Memo
Installation - 01	Monday 29 June 2015 - 16:10	<b>夕</b>

- Click on energy, then **Server configuration**; a "Server configuration: General" window appears.

Server config	juration					×
	Dev	ice name	4665-F044FF			
General	ких	Network	Localization	Remote access	Options	
	B	R	L1 Automatically insta Check if updates a Install updat	are available but let me	e decide	
			Save		Cancel	

- Fill out or modify the device name.

This configuration has several tabs:

- o General
- o KNX
- o Network
- $\circ$  Localisation
- $\circ$  Options

### 9.2.2.1 General

Server configuration				:			
Device na	me TJA665-F044FF						
General KNX Net	twork Localization	Remote access	Options				
Server ver	rsion 1.2.0.02123						
BSP ver	rsion 1.4.1						
JVM ver	rsion 1.7						
Up	Update 🛛 Automatically install updates						
	🗹 Check if updates a	are available but let me	e decide				
	Install update						
Never check if updates are available							
	Save		Cancel				

- Click the **General** tab to see:
  - The server version (application software version)
  - The BSP version (motherboard software version)
  - ✓ The JVM version (Java virtual machine software version)

By connecting the configuration server to an Internet network, verification and downloading of software updates can be carried out automatically.

- In the "Update" section, select the update mode:
  - Install updates automatically: The new software version will be installed automatically and a notification to this effect will be sent.
  - **Check if updates are available but let me decide**: The new software version is subject to validation before installation.
  - **Never check if updates are available**: The configuration server does not check for the existence of a new software version.

### 9.2.2.2 KNX

S	Server configuration X							
		Dev						
	General	КМХ	Network	Localization	Remote access	Options		
	Physical address 1.5.254 State Connected Connect Disconnect							
	Save					Cancel		

- Click on the KNX tab to see:
  - The server's physical address
  - The status: connected or not
- Click on **Connect** or **Disconnect**, whichever is needed.
- Click on **Save** to confirm your choices.

### 9.2.2.3 Network

Server config	uration						×
	Dev	ice name 7.	JA665-F044FF				
General	КNХ	Network	Localization	Remote access	Options		
br0							
	MAC Address 00:24:C6:F0:44:FF						
	ſ	DNS server 🔽	i Auto 🗆 Mani	ual			
			Save		Cancel		

- Click on the **Network** tab to see:
  - ✓ The MAC Address
  - The IP detection: automatic or manual
- Click on Auto or Manual, whichever is needed.
  - The DNS server: auto or manual
- Click on Auto or Manual, whichever is needed.
  - Preferred DNS server
  - Alternate DNS server.
- o Manual entry of IP detection:

This section allows you to enter IP detection for the configuration server when it is not automatically allocated.

IP detection	🗆 Auto	🗹 Manual	
IP	192.168.1.	2	
Subnet mask	255.255.25	55.0	
Default gateway	192.168.1.	1	

- Click on the IP field and enter the new IP detection
- Click on the Subnet mask field and enter the new mask
- Click on the Default gateway field and enter the new IP detection
- Manual entry of the DNS server address

This section allows you to enter IP detection for the DNS server when it is not automatically allocated.

Preferred DNS server	DNS server	Auto 🛛 Manual
Alternate DNS server	Preferred DNS server	
	Alternate DNS server	

- Click on the Preferred DNS server field and enter the new IP detection
- Click on the Alternate DNS server field and enter the new IP detection
- Click on **Save** to confirm your choices.

### 9.2.2.4 Localisation

erver configuration		×
Device name	T.J4665-F044FF	
General KNX Netwo	k Localization Remote access Options	
Language	English	
Country	France	
Time zone	(UTC+0100) Brussels Copenhagen Madrid Paris	
Synchronise with an Internet server	☑ Yes □ No	
Time server	pool.ntp.org	
Current date		
Current time		
Time format	24h 🗸	
	Save Cancel	

- Click on the Localisation tab to see:

- Language: Click on to select your language from the scroll-down list.
- ✓ Country: Click on to select the country from the scroll-down list.
- Time zone: Click on to select the time zone from the scroll-down list.
- ✓ Synchronise with an Internet server:
  - Click Yes or No, whichever is needed.

Yes	No
<ul> <li>Time server:</li> <li>Enter the name of the time server (by default: pool.ntp.org)</li> </ul>	<ul><li>Current date:</li><li>Enter today's date.</li></ul>
(2) 20.00 <b>Peolitipioi 3</b> )	<ul><li>Current time:</li><li>Enter the current time.</li></ul>

Time format:

Click on to select the time format from the scroll-down list.

- Click Save to confirm your choices.

#### 9.2.2.5 Remote access

Remote access can be used to log on to the configuration server from any machine that is connected to the Internet.

с	Configuration serveur X									
	Nom du périphérique 7./4685-F04498									
	Général KNX Réseau Localisation Accès à distance Options									
	Chemin pour accéder à distance kp45a9nsducfn5fle7v9541d ngrok lo									
	Activer l'accès à distance									
	Login admin									
			Mot de pa	isse contro						
					Enregistrer		Annuler			

- Click on the Remote Access tab.
- Select Activate remote access.
- Define the Login and Password (Login: admin and Passwords: controls are the default values).
- Copy the path to access remotely (for example: kp45a9nsducfn5fle7v9522d.ngrok.io)

> **Note:** The remote access path is different for each configuration server.

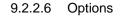
- Click **Save** to confirm these settings.

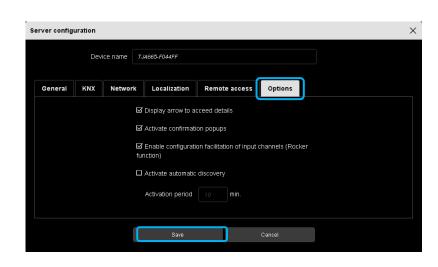
On the machine that is connected to the Internet:

- Start the Web browser.
- In the address text box, enter the path to access remotely (for example: https://kp45a9nsducfn5fle7v9522d.ngrok.io)
- Enter the Login and Password.

		8
New -	ben 🖉 Edit 🗂 Delete	
<b>♦</b> Name	▲ Date	Memo

The Web browser starts with the Installation view.





- Click on the **Options** tab to access the configuration server's operational mode:
  - Activate the arrow to access the detailed view: used to select the display mode for the access to the detailed view.

	🗇 8 Products	
	TXA610 - 1 - Output 10 -fold TXA610 - No function	
)	Inactive	
	🗇 8 Products	
	TXA610 - 1 - Output 10 -fold	

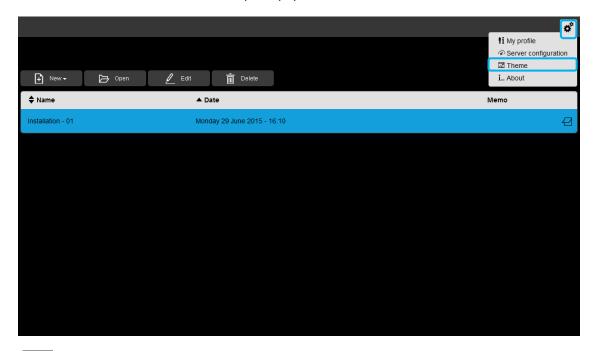
- Activate confirmation pop-ups: permits display of a confirmation window for certain actions (switching to localisation mode for example).
- Activate the input channel configuration support (Rocker function): depending on the type of function selected, the system will propose by default the associated function in the second input.

Select fi	elect function						
	Outputs selected :	1					
	WST302 - 1 - 1 ≢▲	Blinds Up					
	WST302 - 1 - 2 🍃▼	Blinds Down		~ 1 🗐 🚺	)		
		Link	Cancel				

- Activate automatic discovery: permits automatic scanning of the installation to discover new products.
- Activation period: duration between 2 automatic scans (10 mins. by default)

### 9.2.3 THEME

This function enables modification of the desktop wallpaper theme.



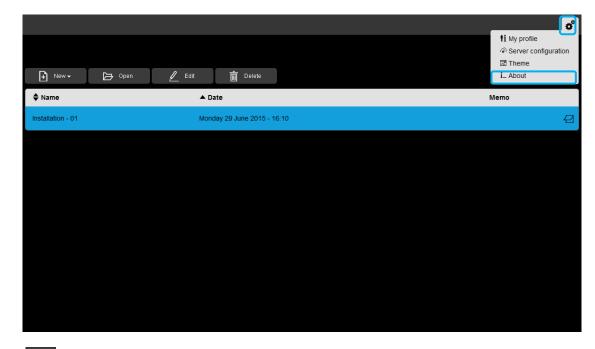
- Click on then **Theme** to change the software wallpaper colour.

		¢°
+ New -	🕞 Open 🖉 Edit 🛅 Delete	
Name	▲ Date	Memo
Installation - 01	Monday 29 June 2015 - 16:10	<b>4</b>

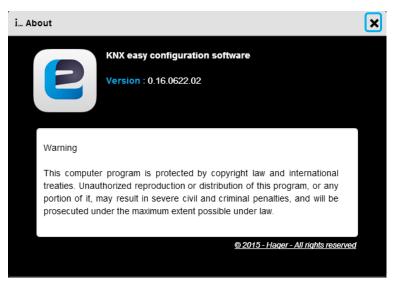
Choose between two wallpaper colours: Black or white.

### 9.2.4 ABOUT

This function displays the application software version of the configuration server.



- Click on , then **About** to see the KNX NG software version.



- Click on × to close the window.

# 9.3 FUNCTIONS IN THE INSTALLATION

### 9.3.1 IMPORTING A TX100 INSTALLATION

This section sets out the different steps to recover the setting of an installation, performed with the TX100 configuration tool. All products that are compatible with the TX100 configuration tool are also compatible with the TXA100 configuration tool.

#### On the TX100:

- Back up the installation setting
- Copy this back up to a USB key connected to the TX100 The configuration tool generates a file with extension ".txh".

#### On the TXA100:

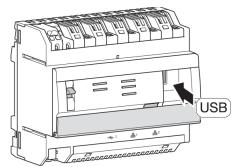
It is possible to import the back up of a setting or the back up of a TX100 installation setting from an installation's export file.

#### > Note:

Only files generated from the 2.10 version of the TX100 are compatible for importing. For earlier versions, you must convert the backed up files using the TX100 and the conversion programme.

#### From a USB key connected to the server

 Insert the USB key containing the backed up file of settings into one of the configuration server's USB ports.



New - Delete   Create a new installation A Date   Import installation A Date   Installation - 01 Friday 26 June 2015 - 15:06
Create a new installation Import installation Memo
Import installation Memo
Installation - 01 Friday 26 June 2015 - 15:06

Click **New**; a scroll-down list appears.

Click Import installation.

An "Import installation" window appears:

nport installa	tion			×
Name		🖨 Туре	Date	
Installation - 01.TXH		txh	Thursday 05 May 2011 - 17:15	
Import		ort	Cancel	

A list of backed up settings appears:

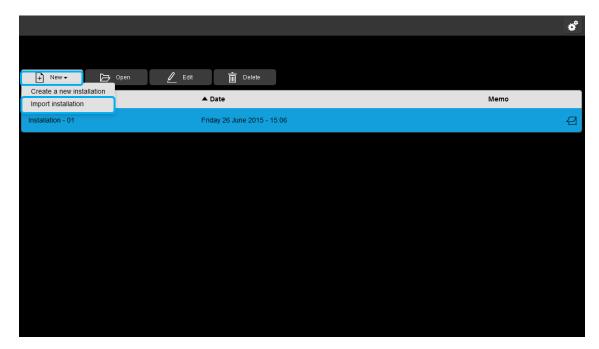
Select the backed up setting file to import.

mport installation			×
Name	🖨 Туре	Date	
Installation - 01.TXH	txh	Thursday 05 May 2011 - 17:15	
	mport	Cancel	

Once the file is selected, click **Import**.

When import is finished, remove the USB key.

From a PC



- Click **New**; a scroll-down list appears.
- Click Import installation.

An "Import installation" window appears:

Import installation		×
Choose a file		
		Browse
		Diowse
Import	Cancel	

- Click **Browse** to select the installation file to import.

A window appears:

Ouvrir						? 🔀
Regarder dans :	C ANGLAIS		*	G 🤌	بي 🥙	
Mes documents récents Bureau	Installation - 01.txa     Installation - 01.txh					
Mes documents						
Poste de travail	Nom du fichier :	Installation - 01.txh			*	Ouvrir
<b>(</b>	Fichiers de type :	Fichiers personnalisés			*	Annuler
Favoris réseau		Ouvrir en lecture seule				

- Select the desired installation file and click **Open.** 

The installation to import is in ".txh" format (TX100 file).

Import installation	×	
Installation - 01.txa		
		Browse
Import	Cancel	

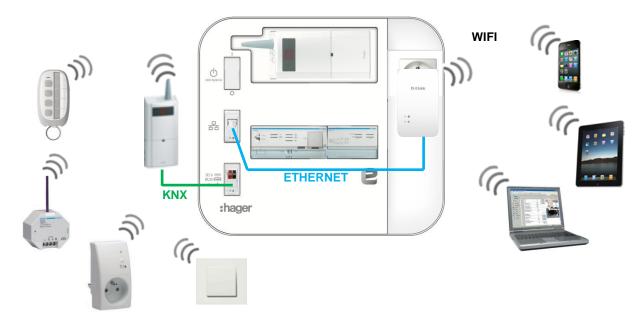
Once the file is selected, click **Import**.

### 9.3.2 RADIO INSTALLATION MANAGEMENT

The TXA100 configuration tool also allows you to carry out the setting for KNX radio products. To do this, you need a TR131 media coupler that enables a link between the KNX bus and the radio connection.

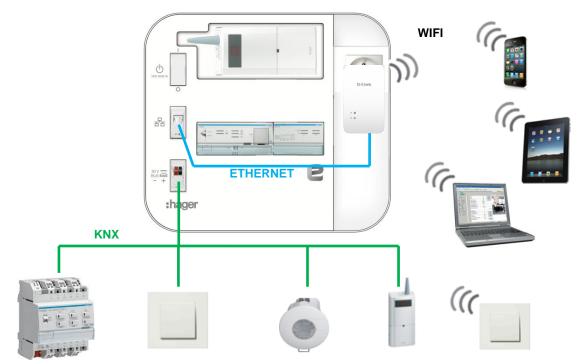
There are two options:

Radio installation only



The products in the installation are radio products only. In order to set up these products, a media coupler must be connected to the configuration tool.

Mixed installation



The products in the installation are radio and wired products. In this case, it is the media coupler that is already present in the installation that ensures the connection between the configuration tool and the radio connection.

#### Media coupler discovery

When starting the setup of an installation, the configuration server will automatically recognise the media coupler.

The following message appears:

Coupler sel	ection		×
	A coupler used in an other ir	stallation is present. Use it?	
	Yes	No	

- Click Yes to confirm.

Attention.			×
Do you v	vant to use it for a new installatio	n or do you want to relearn the installation	
	New installation	Relearning	

- Click on "New installation" to create an installation

OR

- Click on "Relearning" to relearn the existing setup.
- Radio products discovery
- Carry out a factory reset on the radio products to integrate them into the installation.
- Press the radio product CFG button
- Click on the "Start discovery" button

Installations	ሰ Detail	Products	🚽 Channels	Cocation	]	• •
Installation - 01		Ø D	iscovery			🛵 Localization 👻
j Search Q	All references		~			Q Reset
🗇 10 Products						
TRC270 - 1 - Socket ON / OFF TRC270 - Lighting - House						((14))
<u>TU404 - 1 - Remate control 4-fold</u> TU404 - House						((RF))
<u>TXA610 - 1 - Output 10 -fold</u> TXA610 - Lighting - House						
TXA624C - 1 - Output device for 4 shutters/t TXA624C - Shutter - House	olinds 230∨~					
TXA663A - 1 - Dimmer KNX , 3 x 300W, univ TXA663A - Dimming - House	ersal					
TXB692F - 1 - 1 output for shutter/blinds + 2 TXB692F - Lighting - House	inputs					
TXE530 - 1 - KNX GPS Weather station TXE530 - Shutter - House						
WST302 - 1 - Systo push-button KNX 2gang						

During product discovery, the radio products are recognised as wired products. An "RF" symbol indicates that it is a radio product. The product setup and creation of links is identical for wired products.

To carry out a factory reset on the radio products, refer to chapter 8.2.3.

#### 9.3.3 PRODUCT REPLACEMENT

This section enables replacement of an installation product with another of the same reference.

Example of an input product replacement (WST316):

- Connect the new product to the installation
- In the configuration tool, go to the **Products** tab
- Click on **Discovery** to recognise a new product

#### Note:

If the "**Automatic discovery**" is activated, product recognition occurs automatically at the end of a configurable period (10 minutes by default).

- Select the product to be replaced
- Click on 🔨 in the Actions tab

Actions	▲
Restart product	Download
Replace	Duplicate
Factory reset	Delete

Click on Replace

Replace			×
Select the p	product to replace		
	<u> 1316 - 2 - GB_Systo 6 PB LED E:</u> 1316 - Heating/Cooling, Lighting		
	Validate	Cancel	

- Select the new product from the list and confirm it.

The new product is now set up and the old one is removed from the installation.

#### 9.3.4 PRODUCT DUPLICATION

This section duplicates the settings from one product to another with the same reference.

Example of an input product (WST316) duplication for an identical control in two different places:

- Connect the new product to the installation
- In the configuration tool, go to the Products tab
- Click on **Discovery** to recognise a new product

#### > Note:

If the "**Automatic discovery**" is activated, product recognition occurs automatically at the end of a configurable period (10 minutes by default).

- Select the product to be duplicated
- Click on 🔻 in the Actions tab

Ac	tions	▲
	Restart product	Download
	Replace	Duplicate
	Factory reset	Delete

- Click on Duplicate

Duplie	icate	×
Sele	ect the product to duplicate	
	<u>WST316 - 2 - GB_Systo 6 PB LED Easy</u> WST316 - Heating/Cooling, Lighting - House	
	Validate Cancel	

- Select the new product from the list and confirm it.

The new product is now set up with the same features as the product that is already in place.

#### 9.3.5 OPERATION OF SCENES

The Scene function groups a set of outputs. These outputs can be set to a configurable pre-defined status. A scene is activated by pressing a single push-button. Each output can be integrated into 8 different scenes.

#### Setting up a scene

- Select the input(s) controlling the scene
- Select the output(s) assigned to the scene

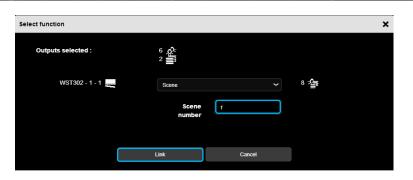
🕤 Instal	lations	Detail	Products	Channels 🛇 Location 🖝 📄 💞
KNX Install	ation - 01	(	O Link	🐼 Unlink 💿 Visualization 🗼 Localization 🔹
Search.		Select function	~	Most used channels
→ 15/30	) inputs found		$\mathbf{\nabla} \mathbf{\sim}$	$\leftarrow$ 20/24 outputs found $\square$ $\checkmark$
	KB692F - 1 - 1 Duse		∞• ► ˆ	The House - Lighting
- //	(B692F - 1 - 2		<b>₀</b> • ►	TXA610 - 1 - 5 House - Lighting
	ouse		w ⊧	TXA610 - 1 - 6
	KE530 - 1 - 1 Duse			nouse - Ligning
	ST302 - 1 - 1			R TXA610 - 1 - 7 House - Lighting
	ST302 - 1 - 2			TXA610 - 1 - 8 House - Lighting
	51502 - 1 - 2 Duse			-X- TXA610-1-9
	ST316 - 1 - 1 buse		•	
	ST316 - 1 - 2			Hause - Lighting
	buse			TXA624C - 1 - 1 House - Shutter
7	ST316 - 1 - 3 ouse		►	= TXA624C - 1 - 2
s w	ST316 - 1 - 4			House - Shutter

- Click on the "Link" button.

¢,	Installations		🏠 Detail 🛛 🗂 Products	🗐 Chai	nnels	Location	r B	ď
	Select function						×	
KNX		Outputs selected :	2 : : : : : : : : : : : : : : : : :					*
0		Outputs selected .						
$ \rightarrow $		WST316-1-1 🍞	No function			^		~
дŞ			▼ Lighting			^		^
Û			<b>Ü</b> ON					
$\odot$			1 OFF					
			U ON/OFF					
			-+- Toggle switch					
R			<b>ሲ</b> ኔ Timer					
_			😃 Priority ON toggle				•	
			L Priority OFF toggle					
?			Scene					
?			Automatic control deactivatic					
?			•					
							)	

A "Select function" window appears:

- Select the "Scene" function



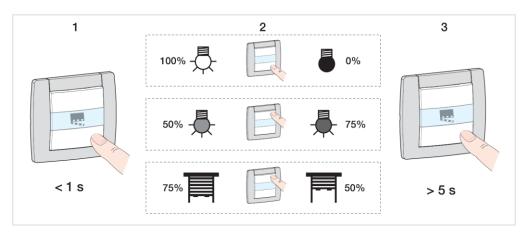
- Enter the scene number (1 to 8).
- Click on the "Link" button.

#### Scene learning and storage

This procedure allows you to modify and store a scene by local action on the push-buttons located in the room.

Storing a scene using a push-button located in the room.

- Enable the scene by pressing briefly on the transmitter that triggers the scene.
- Set the outputs (lights, rolling shutters, etc.) to the desired status using the usual local controls (pushbuttons, remote control, etc.).
- Store the status of outputs by pressing and holding (for more than 5 seconds) on the transmitter, which triggers the scene. Storage is indicated by brief activation of the outputs.



# **10. PRODUCTS APPENDIX**

This chapter discusses the compatibility of the existing Hager product range with the new TXA100 configuration tool compared with the products compatible with the TX100.

The following chapters explain the configuration of certain products that require further explanation.

# 10.1 LIST OF PRODUCTS

### 10.1.1 WIRED PRODUCTS

Reference	Designation	Note
TCC510S	Presence detector 360° monobloc KNX	
TR130	Media coupler	§10.4
TR131	Media coupler	<u>§10.4</u>
TX206H	Heating actuator 6 channels	
TX302	Flush mounted input device 2-fold	
TX304	Flush mounted input device 4-fold	
TX304AS	Flush mounted input+status output 2-fold	
TX308	Flush mounted input + LED output 4-fold	
TX308AS	Flush mounted input+status output 4-fold	
TX320	Thermostat	§10.7
TX450	Room controller Tebis	<u>§10.8</u>
TX460A	Environment control and regulation Tebis White	§10.7
TX501	Valve actuator	
TX502	Valve actuator with temperature control	
TX510	EIB Presence detector	
TX511	EIB presence detector with Light Regulation	
TXA201A	1 flush mounted output 4A twisted pair	
TXB201A	1 flush mounted output 4A twisted pair	
TXB202A	2 flush mounted output 4A twisted pair	
TXB202-a2	2 flush mounted output 4A twisted pair	
TXB302	Flush mounted input device 2 -fold	
TXB304	Flush mounted input device 4 -fold	
TXB322	Flush mounted input + LED output 2 -fold	
TXB322AU	Flush mounted input + indicator output 2 -fold Mercury	
TXB344	Flush mounted input + LED output 4 -fold	
TXB344AU	Flush mounted input + indicator output 4 -fold Mercury	
TXC511	EIB presence detector with Light Regulation	
WHT300	Kallysto push button 2,4,6 ways tebis KNX	
WHT302	Kallysto push button 2 ways tebis KNX	
WHT310	Push button 2,4,6 ways LED Kallysto tebis CH	
WHT312	Push button 2 ways LED Kallysto tebis CH	
WHT330	Kallysto push button 2,4,6 ways LED+IR tebis KNX	
WKT302	Kallysta Push button KNX bus 2E	
WKT304	Kallysta Push button KNX bus 4E	
WKT306	Kallysta Push button KNX bus 6E	

Reference	Designation	Note
WKT312	Kallysta Push button KNX bus 2E w. indicator	
WKT314	Kallysta Push button KNX bus 4E w. indicator	
WKT316	Kallysta Push button KNX bus 6E w. indicator	
WKT322	Kallysta Push button KNX bus 2E +12E IR	
WKT324	Kallysta Push button KNX bus 4E +12E IR	
WKT501	Kallysta Sensor KNX bus comfort	
WKT502	Kallysta Sensor KNX bus comfort/safety	
WKT660	Kallysta energy manager KNX white	§10.9
WUT10	WUT10 - Push button 1gang, with integrated bus coupling unit	
WUT20	WUT20 - Push button 2gang, with integrated bus coupling unit	
WYT321	Single push button with status and FPL cream	
WYT341	Double push button with status and FPL cream	
WYT361	Triple push button with status and FPL cream	
WYT361IR	Triple push button with status and FPL with IR receiver cream	
WYT510	Detection head basic White	
WYT511C	Detection head comfort 180° cream	
WYT610	Thermostat with display White	§10.7
WYT620	Thermostat KNX multifunction with display white	

## 10.1.2 MODULAR PRODUCTS

Reference	Designation	Note
TE330	KNX Consumption Indicator	
TE331	KNX Consumption Indicator	
TX022	Weekly time switch EASY	<u>§10.5</u>
TX025	Light sensitive switch	<u>§10.6</u>
TX204A	Output 4 -fold 4A	
TX206A	Output 6 -fold 4A	
TX210	Dimmer 1 channel 600W	
TX211	3 dimmer outputs 1/10V	
TX211A	3 dimmer outputs 1/10V	
TX214	1 dimmer outputs 1/10V	
TX223	Output device for 4 shutters 230V~	
TX224	Output device for 4 shutters/blinds230V~	
TX225	Output device for 4 shutters 24V DC	
TX226	Output device for 4 shutters/blinds24VDC	
TX314	Input device 4 -fold 230V~	
TX316	Input device 6 -fold 230V~	
TXA022	Weekly time switch EASY	§10.5
TXA023	Weekly time switch 2 channels with DCF	<u>§10.5</u>
TXA025	Light sensitive switch	§10.6
TXA204	Output 4 -fold 4A	
TXA204-a2	Output 4 -fold 4A	
TXA206	Output 6 -fold 4A	

Reference	Designation	Note
TXA206-a2	Output 6 -fold 4A	
TXA207	Output 10 -fold 4A	
TXA207-a2	Output 10 -fold 4A	
TXA208	8-fold output 4A/230V manu mode w/o bus	
TXA208-a2	8-fold output 4A/230V manu mode w/o bus	
TXA210	Dimmer 1 channel 600W	
TXA210A	Dimmer 1 channel 300W	
TXA210-a2	Dimmer 1 channel 300W	
TXA210N	Dimmer 1 channel 300W	
TXA213	Dimmer 3 channels 300W	
TXA213-a2	Dimmer 3 channels 300W	
TXA213N	Dimmer 3 channels 300W	
TXA215	Dimmer 1 channel 1000W	
TXA215-a2	Dimmer 1 channel 1000W	
TXA223	Output device for 4 shutters 230V~	
TXA223-a2	Output device for 4 shutters 230V~	
TXA224	Output device for 4 shutters/blinds230V~	
TXA224-a2	Output device for 4 shutters/blinds230V~	
TXA225	Output device for 4 shutters 24V DC	
TXA225-a2	Output device for 4 shutters 24V DC	
TXA226	Output device for 4 shutters/blinds24VDC	
TXA226-a2	Output device for 4 shutters/blinds24VDC	
TXA227	Output device for 8 shutters 230V~	
TXA227-a2	Output device for 8 shutters 230V~	
TXA228	Output device for 8 shutters/blinds230V~	
TXA228-a2	Output device for 8 shutters/blinds230V~	
TXA230A	EM comfort KNX modular output master	§10.9
TXA230B	EM comfort KNX module output slave	§10.9
TXA304	Input device 4 -fold 230V~	<u> </u>
TXA306	Input device 6 -fold universal	
TXA310	Input device 10 -fold 230V~	

# 10.1.3 RADIO PRODUCTS

- Hager

Reference	Designation	Note
TD10x – TD11x	2-fold radio push button white	<u>§10.2</u>
TD20x – TD21x	4-fold radio push button white	<u>§10.2</u>
TD250 – TD251	4-fold solar push button white with FPL	<u>§10.2</u>
TD3xx	6-fold radio push button white	<u>§10.2</u>
TG51x	RF KNX battery smoke detector white	§10.2
TG54x	Battery TEBIS heat sensor, radio linked	§10.2
TK301	Push button 1 fold	§10.2
TK302	Push button 2 fold	§10.2
TR201	1 flush mounted output 16A mains powered	
TR210	1 flush mounted dimming output 200W	
TR221	1 flush mounted output f. blinds/shutter	
TR227	Tebis interface for Bubendorff shutters	
TR270	RF plug adapter	
TR271	RF plug adapter with dimmer	
TR302A	2 flush mounted battery inputs	<u>§10.2</u>
TR302B	2 flush mounted inputs mains powered	<u>§10.2</u>
TR304A	4 flush mounted battery inputs	§10.2
TR304B	4 flush mounted inputs mains powered	<u>§10.2</u>
TR351	RF unidir input concentrator white	§10.12
TR501	1 flush mounted output 10A + 1 bin input	310.12
TR521	1 output blinds / shutters +2 bin inputs	
TRB201	1 flush mounted output 16A mains powered	
TRB210	1 flush mounted dimming output 200W	
TRB221	1 flush mounted output f. blinds/shutter	
TRB302A	2 flush mounted battery inputs	§10.3
TRB302B	2 flush mounted inputs mains powered	310.0
TRB501	1 bin input +1 flush mounted output 10A	
TRB521	2 bin inputs + 1 output blinds /shutters	
TRC120	Gateway alarm radio LS / wired KNX	§10.11
TRC202	2-fold wall mounted output 16A IP55	310.11
TRC270	RF plug adapter	
TRC301A	Opening detector RF	<u>§10.3</u>
TRC301B	Opening detector RF QL	§10.3
TRC321B	Light/twilight RF sensor, white	<u>§10.3</u>
TRE201	1-fold wall mounted output 10A IP55	310.0
TRE202	2-fold wall mounted output 10A IP55	
TRE221	1-wall mount. out f. blinds/shutter IP55	
TRE301	RF external single push button	§10.3
TRE302	RF external double push button	§10.3

Reference	Designation	Note
TRE400	Combined 1Input +1output 10A IP55	
TRE500	Motion detector RF white	§10.3
TRE510	Motion detector Solar RF white	§10.3
TRE600	LED floodlight with PIR 220/360 RF QL	
TU204A	Radio remote control 4 channels	<u>§10.2</u>
TU208A	Radio remote control 8 channels	§10.2
TU224A	Radio remote control 24 channels	§10.2
TU402	2-channel remote control	<u>§10.3</u>
TU404	4-channel remote control	§10.3
TU406	6-channel remote control	§10.3
TU418	18-channel remote control	§10.3
TU444	2x4-channel KNX / LS remote control	§10.3
WHT390	Kallysto push button 2,4,6x RF tebis KNX	§10.2
WKT302R(uni)	Kallysta PB KNX radio 2f battery - Uni-directional	§10.2
WKT302R(bi)	Kallysta PB KNX radio 2f battery - Bi-directional	§10.3
WKT304R(uni)	Kallysta PB KNX radio 4f battery - Uni-directional	<u>§10.2</u>
WKT304R(bi)	Kallysta PB KNX radio 4f battery - Bi-directional	§10.3
WKT306R(uni)	Kallysta PB KNX radio 6f battery - Uni-directional	§10.2
WKT306R(bi)	Kallysta PB KNX radio 6f battery - Bi-directional	§10.3
WKT312R	Kallysta PB KNX radio 2f solar	§10.2
WKT314R	Kallysta PB KNX radio 4f solar	§10.2
WKT316R	Kallysta PB KNX radio 6f solar	§10.2
WKT400	Mechanism RF ON/OFF 2 wires	
WKT401	Mechanism RF ON/OFF 3 wires	
WKT402	Mechanism RF ON/OFF 3 wires prog	
WKT410	Dimmer 2 wires for kit WKT712B	
WKT412	Dimmer 2 wires + memo function	
WKT420	Mechanism RF shutter 3 wires	
WKT421	Mechanism RF shutter 4 wires	
WKT422	Mechanism RF shutter 3 wires + memo	
WKT423	Mechanism RF shutter 4 wires + memo	
WYC42xQ+WUC18	Time switch ON / OFF RF	
WYC42xQ+WUC35	Time switch ON / OFF RF + 1-fold output switch	
WYC81xQ+WUD86 WYC81xQ+WUD87	1-fold push button RF + 1 dimmer output	
WYC81xQ+WUC18	1-fold push button RF	
WYC81xQ+WUC21 WYC81xQ+WUC35	1-fold push button RF + 1-fold output switch	
WYC82xQ+WUD88	2-fold push button RF + 2 dimmer outputs	
WYC82xQ+WUC18	2-fold push button RF	
WYC82xQ+WUC22	2-fold push button RF + 2-fold output switch	
WYC84xQ+WUD86 WYC84xQ+WUD87	4-fold push button RF + 1 dimmer output	

Reference	Designation	Note
WYC84xQ+WUD88	4-fold push button RF + 2 dimmer outputs	
WYC84xQ+WUC18	4-fold push button RF	
WYC84xQ+WUC21 WYC84xQ+WUC35	4-fold push button RF + 1-fold output switch	
WYC84xQ+WUC22	4-fold push button RF + 2-fold output switch	
WYJ42xQ+WUC18	1-fold push button shutters / blinds RF	
WYJ42xQ+WUJ42	1-fold push button shutters / blinds RF + 1 shutter / blind output	
WYJ43xQ+WUC18	Time switch shutters-blinds RF	
WYJ43xQ+WUJ42	Time switch shutters-blinds RF + 1 shutter / blind output	
WYT11xQS WYT11xQB	1-fold push button RF battery	
WYT12xQS WYT12xQB	2-fold push button RF battery	
WYT32xF	Single push b. radio KNX cream	§10.2
WYT34xF	Double push b. radio KNX cream	<u>§10.2</u>
WYT36xF	Triple push b. radio KNX cream	<u>§10.2</u>
WYW51xQ+WUD86 WYW51xQ+WUD87 WYW52xQ+WUD86 WYW52xQ+WUD87	Motion detector RF + 1 dimmer output	
WYW51xQ+WUC18 WYW51xQ+WUC13 WYW52xQ+WUC18 WYW52xQ+WUC13	Motion detector RF	
WYW51xQ+WUC21 WYW51xQ+WUC35 WYW52xQ+WUC21 WYW52xQ+WUC35	Motion detector RF + 1-fold output switch	

### - Berker

Reference	Designation	Note
8514_51_xx + 8542_11_00 8514_51_xx + 8542_12_00	1-fold push button RF + 1 dimmer output	
8514_51_xx + 8502_01_00	1-fold push button RF	
8514_51_xx + 8512_11_00 8514_51_xx + 8512_12_00	1-fold push button RF + 1-fold output switch	
8514_61_xx + 8542_21_00	2-fold push button RF + 2 dimmer outputs	
8514_61_xx + 8502_01_00	2-fold push button RF	
8514_61_xx + 8512_22_00	2-fold push button RF + 2-fold output switch	
8564_81_xx + 8542_11_00 8564_81_xx + 8542_12_00	4-fold push button RF + 1 dimmer output	
8564_81_xx + 8542_21_00	4-fold push button RF + 2 dimmer outputs	
8564_81_xx + 8502_01_00	4-fold push button RF	

Reference	Designation	Note
8564_81_xx + 8512_11_00 8564_81_xx + 8512_12_00		
8564_81_xx + 8512_22_00	4-fold push button RF + 2-fold output switch	
8524_51_xx + 8502_01_00	1-fold push button shutters / blinds RF	
8524_51_xx + 8522_11_00	1-fold push button shutters / blinds RF + 1 shutter / blind output	
8534_51_xx + 8542_11_00 8534_51_xx + 8542_12_00 8534_61_xx + 8542_11_00 8534_61_xx + 8542_12_00	Motion detector RF + 1 dimmer output	
8534_51_xx + 8502_01_00 8534_51_xx + 8532_01_00 8534_61_xx + 8502_01_00 8534_61_xx + 8532_01_00	Motion detector RF	
8534_51_xx + 8512_11_00 8534_51_xx + 8512_12_00 8534_61_xx + 8512_11_00 8534_61_xx + 8512_12_00	Motion detector RF + 1-fold output switch	
8565_51_xx 8565_52_xx	1-fold push button RF battery	
8565_61_xx 8565_62_xx	2-fold push button RF battery	
8574_51_xx + 8502_01_00	Time switch shutters-blinds RF	
8574_51_xx + 8522_11_00	Time switch shutters-blinds RF + 1 shutter / blind output	
8574_52_xx + 8502_01_00	Time switch ON / OFF RF	
8574_52_xx + 8522_11_00	Time switch ON / OFF RF + 1-fold output switch	
85105100	RF plug adapter	
85165100	1-fold wall mounted output 10A IP55	
85166100	2-fold wall mounted output 10A IP55	
85265100	1-wall mount. out f. blinds/shutter IP55	
85275100	1 output blinds / shutters +2 bin inputs	
85275200	1 flush mounted output f. blinds/shutter	
85365100	Motion detector RF white	<u>§10.3</u>
85365200	Motion detector Solar RF white	<u>§10.3</u>
85475100	1 flush mounted dimming output 200W	
85605100	2-channel remote control	<u>§10.3</u>
85606100	4-channel remote control	<u>§10.3</u>
85607100	6-channel remote control	<u>§10.3</u>
85608100	18-channel remote control	<u>§10.3</u>
85801100	Light/twilight RF sensor, white	<u>§10.3</u>
85801200	Opening detector RF	<u>§10.3</u>
85865100	Combined 1Input +1output 10A IP55	
85875100	1 bin input +1 flush mounted output 10A	
85875200	1 flush mounted output 16A mains powered	
85876100	2 flush mounted battery inputs	<u>§10.3</u>

Reference	Designation	Note
85876200	2 flush mounted inputs mains powered	

#### 10.1.4 VARIOUS PRODUCTS

Reference	Designation	Note
B2T_BFF	Pushbutton KNX radio 2f battery	<u>§10.3</u>
B4T_BFF	Pushbutton KNX radio 4f battery	<u>§10.3</u>
MVX1_BFF	Motor Y1	
LI56302	Flush mounted input device 2 -fold	
LI56304	Flush mounted input device 4 -fold	
LI56322	Flush mounted input + LED output 2 -fold	
LI56344	Flush mounted input + LED output 4 -fold	
QAX910	Central unit apartment / Synco Living	

# 10.2 UNIDIRECTIONAL RADIO PRODUCTS

These products cannot be set up with the TXA100 configuration tool. They can be identified by the absence of a "CFG" configuration button.

Below is the list of possible replacement products:

Unknown ref.	Designation	Replacement ref.	Designation
TD10x – TD11x		WKT302R(bi)	Kallysta PB KNX radio 2f battery - Bi-directional
TD20x – TD21x		WKT304R(bi)	Kallysta PB KNX radio 4f battery - Bi-directional
TD250 - TD251	4-fold solar push button white with FPL	WYT12xQS	2-fold push button RF battery
TD3xx	6-fold radio push button white	WKT306R(bi)	Kallysta PB KNX radio 6f battery - Bi-directional
TK301	Push button 1 fold	WKT302R(bi)	Kallysta PB KNX radio 2f battery - Bi-directional
TK302	Push button 2 fold	WKT304R(bi)	Kallysta PB KNX radio 4f battery - Bi-directional
TR302A	2 flush mounted battery inputs	TRB302A	2 flush mounted battery inputs
TR302B	2 flush mounted inputs mains powered	TRB302B	2 flush mounted inputs mains powered
TR304A	4 flush mounted battery inputs	2xTRB302A	2 flush mounted battery inputs
TR304B	4 flush mounted inputs mains powered	2xTRB302B	2 flush mounted inputs mains powered
TU204A	Radio remote control 4 channels	TU404	4-channel remote control
TU208A	Radio remote control 8 channels	TU406	6-channel remote control
TU224A	Radio remote control 24 channels	TU418	18-channel remote control
WKT302R(uni)	Kallysta PB KNX radio 2f battery - Uni- directional	WKT302R(bi)	Kallysta PB KNX radio 2f battery - Bi-directional
WKT304R(uni)	Kallysta PB KNX radio 4f battery - Uni- directional	WKT304R(bi)	Kallysta PB KNX radio 4f battery - Bi-directional
WKT306R(uni)	Kallysta PB KNX radio 6f battery - Uni- directional	WKT306R(bi)	Kallysta PB KNX radio 6f battery - Bi-directional
WKT312R	Kallysta PB KNX radio 2f solar	WYT11xQS	1-fold push button RF battery
WKT314R	Kallysta PB KNX radio 4f solar	WYT12xQS	2-fold push button RF battery
WKT316R	Kallysta PB KNX radio 6f solar	WKT306R(bi)	Kallysta PB KNX radio 6f battery - Bi-directional
WYT32xF	Single push b. radio KNX cream	WKT302R(bi)	Kallysta PB KNX radio 2f battery - Bi-directional
WYT34xF	Double push b. radio KNX cream	WKT304R(bi)	Kallysta PB KNX radio 4f battery - Bi-directional
WYT36xF	Triple push b. radio KNX cream	WKT306R(bi)	Kallysta PB KNX radio 6f battery - Bi-directional

The TG51x and TG54x will be replaced by a new upcoming offer.

# 10.3 BATTERY-POWERED BIDIRECTIONAL RADIO PRODUCTS

These products can be set up with the TXA100 configuration tool. However, certain rules must be followed:

- Before changing any settings or launching the relearning of an installation, put the radio product in configuration mode. To do this, briefly press the "CFG" button.
- In a new installation, a factory reset must be carried out on each product for them to be recognised by the TXA100 configuration tool:
  - Press the "CFG" button for at least 10 seconds. When the LED flashes, release the button.
  - Briefly press the "CFG" button to put the product in configuration mode before starting product discovery with the TXA100 configuration tool.

Certain older bidirectional radio products are not compatible with the TXA100 configuration tool. They can be identified by their date code (generally on the rear of the product or the battery compartment). The date code is displayed in GCxxyy format, where xx corresponds to the week of the year the product was manufactured and yy corresponds to the year of manufacture (Ex: GC1013 – week 10 of the year 2013)

Below is the list of products with the first date codes compatible with the TXA100 configuration tool.

TRB302A	GC2111
TRB302B	GC1711
WKT302R or TU402	GC1211
WKT304R or TU404	GC1611
WKT306R or TU406	GC1211
TU418	GC2611

All Berker bidirectional radio products are compatible.

# 10.4 MEDIA COUPLER EXCHANGE

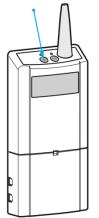
The TR130 media coupler is not compatible with the TXA100 configuration tool. It must be replaced with a TR131 media coupler.

Below is the exchange procedure:

- Disconnect the TR130 media coupler from the KNX bus of the installation.
- Connect the new TR131 media coupler.
- Start the TX100.
  - A message indicating that no media coupler is present in the installation will appear.
- Press the "Menu" key.
- Go to Installation Management / Coupler selection



- Press OK to validate
- Select the coupler by pressing its pairing button for 4 seconds.



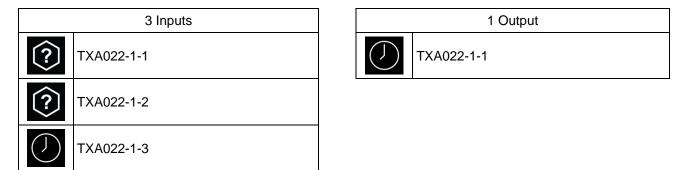
- The "CF" display will appear.
- $\circ$  The TX100 downloads the new data. The installation functions again.

# 10.5 OPERATION WITH A KNX CLOCK

The clock sends the current date and time to the whole system. The clock products recognised by the configuration tool are:

- TX022
- TXA022
- TXA023

Example: TXA022



#### **Operation of inputs:**

#### - Configurable input

The symbol indicates that the input does not have a defined function. Each input must be assigned the desired function in the same way as the push-buttons (See chapter 10.10 for the list of available functions).

#### Specific input

The symbol indicates that the input can send current date and time information to other products on the bus.

#### **Operation of outputs:**

#### - Specific output



The symbol indicates that the output can receive current date and time information from another product on the bus.

#### Note: Automatic link

The purpose of this function is to automatically create links, depending on the choice of settings or the presence of a product, and to facilitate the configuration of products.

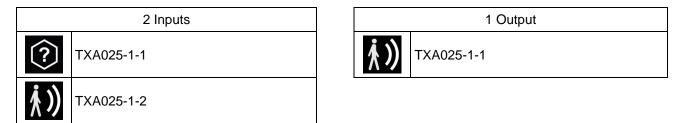
The clock's operation is affected by this type of link (See chapter 7.3.1.1 for the definition of these links).

# 10.6 OPERATION WITH A TWILIGHT SWITCH

The twilight switch sends light intensity information to the whole system. The twilight switch products recognised by the configuration tool are:

- TX025
- TXA025
- TXA026

Example: TXA025



#### **Operation of inputs:**

#### Configurable input

The symbol indicates that the input does not have a defined function. Each input must be assigned the desired function in the same way as the push-buttons (See chapter <u>10.10</u> for the list of available functions).

#### - Specific input



The **M** symbol indicates that the input can send light intensity information to other products on the bus.

#### **Operation of outputs:**

Specific output

The **M** symbol indicates that the output can receive light intensity information from another product on the bus.

#### Note: Automatic link

The purpose of this function is to automatically create links, depending on the choice of settings or the presence of a product, and to facilitate the configuration of products.

The twilight switch's operation is affected by this type of link (See chapter  $\frac{7.3.1.2}{1.2}$  for the definition of these links).

# 10.7 OPERATION WITH A THERMOSTAT

The thermostat allows you to regulate the ambient temperature with the heating systems. The thermostat products recognised by the configuration tool are:

- TX320
- TX460
- WYT610
- WYT620

Example: TX460

	6 Inputs	
$\langle ? \rangle$	TX460-1-1	$\bigcirc$
?	TX460-1-2	
?	TX460-1-3	
?	TX460-1-4	
?	TX460-1-5	
?	TX460-1-6	

# Example: WYT620

	5 Inputs
?	WYT62X-1-1
?	WYT62X -1-2
?	WYT62X -1-3
?	WYT62X -1-4
?	WYT62X -1-5

	1 Output
FPL	WYT62X -1-33*

1 Output

TX460-1-33

\*visible when the TXA100's channel display filter displays all the outputs.

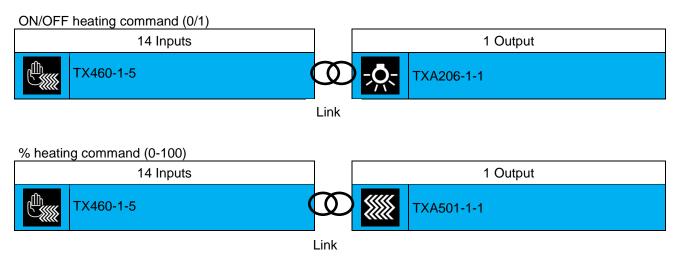
1	36

# **Operation of inputs:**

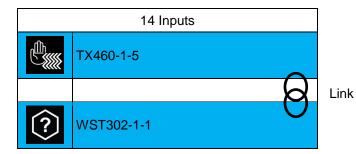
#### <u>Thermostat</u>



symbol indicates that the input can manage the outputs of the heaters, all or nothing or a value in %.



It is also possible to send a heating mode to the thermostat using an input contact. To do this, a link must be made between two inputs.



Below is a table of possible functions:

Comfort Mode	K Standby Mode	Comfort Preset	www. Scene
C Eco Mode	Protection Mode	Protection Preset	

#### > Note: Setting up a thermostat product

It is possible, from the product, to configure the **Time-Delayed Comfort Duration** and **Actions During Delay** 

#### Configurable input

The symbol indicates that the input does not have a defined function. Each input must be assigned the desired function in the same way as the push-buttons (See chapter <u>10.10</u> for the list of available functions).

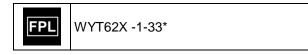
#### **Operation of outputs:**

- Specific output



TX460-1-33

The symbol indicates that the output can receive current date and time information from another product on the bus.



The symbol means that the output can receive state indications from another product to manage backlighting.

# 10.8 OPERATION WITH A TX450 DISPLAY

The TX450 room ambiance controller is a wall-mounted control and display device. It combines 4 touch-sensitive keys and a central display.

	4 Inputs
?	TX450-1-1
?	TX450-1-2
?	TX450-1-3
?	TX450-1-4

	13 Outputs
Ъ	TX450-1-1
<u>Ъ́</u>	TX450-1-2
· 近	TX450-1-3
<u>Ъ́</u>	TX450-1-4
	TX450-1-5
	TX450-1-29*
	TX450-1-30*
	TX450-1-31*
	TX450-1-32*
	TX450-1-33*
	TX450-1-34*
	TX450-1-35*
	TX450-1-36*

\*visible when the TXA100's channel display filter displays all the outputs.

### **Operation of inputs:**

#### Configurable input



The symbol indicates that the input does not have a defined function. Each input must be assigned the desired function in the same way as the push-buttons (See chapter <u>10.10</u> for the list of available functions).

#### **Operation of outputs:**

- Specific output



The symbol means that the output can receive state indications from another product.



The symbol indicates that the output can receive current date and time information from another product on the bus.



The **Second** symbol indicates that the output can receive the status of inputs or outputs from one or several products in order to perform a logical operation to display information.

Below is an example of possible links:

1 Input			3 Outputs	\$			
WST302-1-1	Ø		TX450-1-29			$\wedge$	
	Link			Link	Ø		
		<b>Ģ</b> ź	TXA206-1-1		U	Ø	
		Ņ	TXA206-1-2				

# 10.9 OPERATION WITH AN ENERGY MANAGER

The "Energy manager" function is built on the basis of a WKT660B room unit, a modular TXA230A master room unit as it uses tele-information and possibly a modular TXA230B slave room unit depending on the number of zones to manage.

#### Example: WKT660+TXA230A

	29 Inputs
€	TXA230A-1-1
$\mathcal{P}$	TXA230A -1-2
$\mathcal{P}$	TXA230A -1-3
$\mathcal{P}$	TXA230A -1-4
$\mathcal{P}$	TXA230A -1-5
stop	TXA230A -1-6
¥	TXA230A -1-7
	TXA230A -1-8
s s s s s stop	TXA230A -1-9
stop	TXA230A -1-10
s s s s stop	TXA230A -1-11
stop	TXA230A -1-12
stop	TXA230A -1-13
stop	TXA230A -1-14
stop	TXA230A -1-15
stop	TXA230A -1-16
stop	TXA230A -1-17

	18 Outputs
	TXA230A-1-1
	TXA230A-1-2
	TXA230A-1-3
Ţ <b>Ŏ</b> Ţ	TXA230A-1-4
€	WKT660-1-1
$\mathcal{P}$	WKT660-1-2
$\mathcal{P}$	WKT660-1-3
$\mathcal{P}$	WKT660-1-4
$\mathcal{P}$	WKT660-1-5
$\mathcal{P}$	WKT660-1-6
$\mathcal{P}$	WKT660-1-7
$\mathcal{P}$	WKT660-1-8
	WKT660-1-9
	WKT660-1-10
$\bigcirc$	WKT660-1-11
stop	WKT660-1-12
Ľ	WKT660-1-13

	WKT660-1-1	<b>-C</b>	WKT660-1-14
	WKT660-1-2		
	WKT660-1-3		
	WKT660-1-4		
	WKT660-1-5		
	WKT660-1-6		
	WKT660-1-7		
	WKT660-1-8		
	WKT660-1-9		
	WKT660-1-10		
	WKT660-1-11		
€ I	WKT660-1-12		

# **Operation of inputs:**

# - Specific input

#### TXA230A

ŧ	Enables emission of current rate received by tele-information of the subscriber's counter.
$\mathcal{P}$	Enables display of energy consumed.
stop	Enables display of load shedding in progress.
= <b>C</b>	Enables emission of an electrical connection fault with the pilot wires or the absence of power.
	Enables emission of exterior temperature.

stop	Enables reception of the current set point sent by a WKT660 to define load shedding priority.
stop	Enables load shedding of the DHW output.

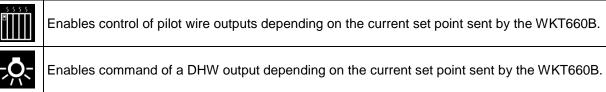
#### WKT660

	Enables control of the heating area through pilot wire or thermostat depending on programming and local controls.	
a state of the sta	Enables control of a DHW tank depending on the rate, fee schedule, and local controls	
Enables sending of temperature measured by the room unit to remote interfaces		
€	Enables control of an all or nothing output depending on the rate and fee schedule	

### **Operation of outputs:**

### - Specific output

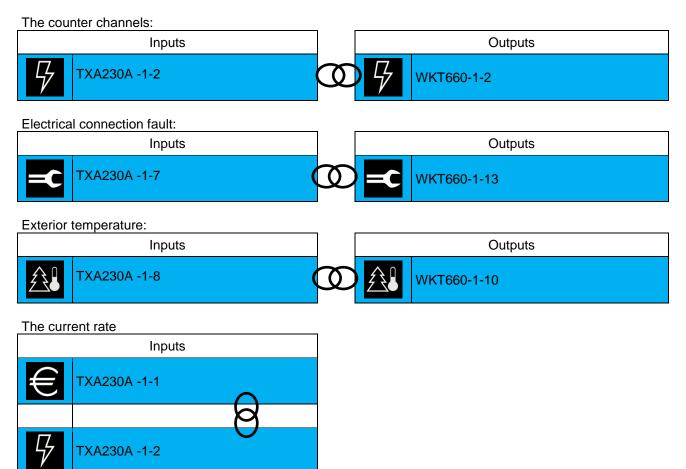
# TXA230A



#### WKT660

€	Enables display of current rate and indexes consumption.
$\mathcal{P}$	Enables display of energy consumed.
	Makes it possible to put all of the heating zones in absent or present mode.
	Enables display of ambient temperature measured by an exterior sensor.
( -)	Enables synchronisation of current time and date set by the master clock.
stop	Enables display of load shedding in progress.
Ę	Enables display of an electrical connection fault with a TXA230.

During the installation scan the TXA100 detects products then automatically performs the following links:



#### > Note: Automatic link for exterior temperature

The purpose of this function is to automatically create links, depending on the choice of settings or the presence of a product, and to facilitate the configuration of products.

The operation of the energy manager for the exterior temperature is affected by this type of link (See chapter 7.3.1.4 for the definition of these links).

# 10.10 OPERATION OF CONFIGURABLE INPUTS

Several products have a certain number of inputs whose functions must be defined by the installer.



The symbol indicates that the input does not have a defined function. Each input must be assigned the desired function.

Below is a table of possible functions:

Lighting		Dimmer		Shutter		Heating/cooling	
Ü	ON	- <b>Ç</b>	Dimmer increase/ON	∭▲	Raise roller- blind	*	Comfort Mode
	OFF	-ġ	Dimmer decrease/OFF	<b>∦</b> ▼	Lower roller- blind	$\langle$	Eco Mode
$(\mathbf{J})$	ON/OFF	Ż	Dimmer increase/decrease	三	Preset raise	ŧ	Standby Mode
	Stepping switch		Scene	<b>⊒</b> 1	Preset lower	*	Protection Mode
(j)	Timer				Scene	<b>i</b> hr	Comfort Preset
(lì	Preset ON					( <b>*)</b>	Protection Preset
	Preset OFF						Scene
	Scene						

# 10.11 CONNECTION WITH THE ALARM INTERFACE

The TRC120 interface enables an intrusion alarm system from the LS range (central radio unit or mixed) to communicate with KNX products. On the alarm side, the interface communicates with the central alarm unit via radio and wired bus on the KNX side.

It acts as an input/output product that comprises:

8 KNX outputs, KNX orders received by the interface which are then transmitted to the central alarm control unit,
16 KNX inputs, information on the state of the alarm system issued by the central unit which can be linked with KNX controls.

#### TXA100 view:

16 Inputs	8 Outputs				
<b>TRC120-1-1</b>	G1 TRC120-1-1				
<b>TRC120-1-2</b>	G2 TRC120-1-2				
	G3 TRC120-1-3				
	G4 TRC120-1-4				
	TRC120-1-5				
	TRC120-1-6				
	TRC120-1-7				
<b>TRC120-1-16</b>	<b>TRC120-1-8</b>				

#### Setting up the inputs:

The Symbol indicates that the input does not have a defined function. Each input must be assigned the desired function. Below is a table of possible functions:

Lighting		Shutter		Heating/cooling		
Ü	ON	<b>↑</b> ↓	Raise/lower	-4	Comfort Mode	
	OFF	<b>↓</b> ↑	Lower/Raise	$\langle$	Eco Mode	
$(\mathbf{J})$	ON/OFF	<b>5</b> 1	Preset raise	ł	Standby Mode	
	Stepping switch	<b>≦</b> 1	Preset lower	<b>*</b>	Protection Mode	
(j)	Timer		Scene	<b>ř</b> h	Comfort Preset	
(j)	Preset ON			*	Protection Preset	
	Preset OFF				Scene	
	Scene					

The state indications are made on entries TRC120.

TRC120-1-1	Status armed/disarmed group 1	TRC120-1-9	Status discrete prealarm
TRC120-1-2	Status armed/disarmed group 2	TRC120-1-10	Status full prealarm
TRC120-1-3	Status armed/disarmed group 3	TRC120-1-11	Status intrusion
TRC120-1-4	Status armed/disarmed group 4	TRC120-1-12	Status intrusion confirmed
TRC120-1-5	Status global armed	TRC120-1-13	Status alert
TRC120-1-6	Status global disarmed	TRC120-1-14	Status silent alert
TRC120-1-7	Status protected entrance	TRC120-1-15	Status fire alarm
TRC120-1-8	Status anomaly	TRC120-1-16	Status technical alarm

So that these states are transmitted to domovea Returns must:

Assign to each input function even if they are not used.Enable domovea export on each input.

# **Operation of outputs:**

The following commands can be sent by a KNX transmitter to the alarm system via the TRC120 interface:

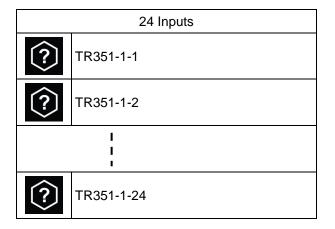
Alarm output functions	Description
<u>61</u> <u>6</u> 4	On/Off groups 1 to 4
$\mathbf{i}$	Partial operation 1
$\triangleleft \times$	Silent alarm (24/7)
((<))	Fire alarm (24/7)
ISOS	Alarm (24/7)

# 10.12 CONNECTION WITH THE RADIO INPUT CONCENTRATOR

TR351 concentrators allow you to increase the number of unidirectional radio products in a mixed installation (radio/wired) by grouping inputs with the same function.

In the system, TR351 concentrators are equivalent to 24-channel input modules.

#### TXA100 view:



0 Outputs					

#### Setting up the inputs:

The Symbol indicates that the input does not have a defined function. Each input must be assigned the desired function. Below is a table of possible functions:

Lighting		Dimmer		Shutter		Heating/cooling	
Ü	ON	- <b>Ç</b>	Dimmer increase/ON		Raise roller- blind		Comfort Mode
$\bigcirc$	OFF	Ż	Dimmer decrease/OFF	<b>\</b>	Lower roller- blind	$\langle$	Eco Mode
$(\mathbf{J})$	ON/OFF	Ż	Dimmer increase/decrease	四	Preset raise	λ	Standby Mode
	Stepping switch		Scene	<b>≣</b> 1	Preset lower	()	Protection Mode
(j)	Timer				Scene	ř	Comfort Preset
(j)	Preset ON					*	Protection Preset
	Preset OFF						Scene
	Scene						

