

SOMFY TAHOMA® ZIGBEE & RTS SMARTPHONE & TABLET INTERFACE



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I. INTRODUCTION

The Somfy Organization's strength has been demonstrated with 50 years of experience in motorization. As leaders in the shading industry with innovation and modernization solutions for homes and commercial buildings, Somfy offers the widest range of strong, quiet motors and controls for all types of applications and technologies.

Who is this Guide for?

This guide is aimed at providing support and guidance to installers and end users for programming Zigbee devices with TaHoma® Zigbee & RTS Smartphone and Tablet Interfaces to create a TaHoma ecosystem operated using the TaHoma North America App and integration methods.

What does this Guide contain?

The sections of this guide contain walkthroughs and methods of programming Zigbee and RTS devices using the Somfy TaHoma North America App between the TaHoma system and Smart Shading by Somfy.

This guide discusses the programming of Zigbee devices with Somfy TaHoma® Zigbee & RTS Systems.

For questions or assistance please contact technical support:

(800) 22-SOMFY (76639)

technicalsupport_us@somfy.com

How should this Guide be used?

This guide is intended to be used as a reference manual.

I. OVERVIEW

DESCRIPTION

The Somfy TaHoma® Smartphone and Tablet Interface provides a single platform for Somfy Zigbee and RTS with a wide range of interior and exterior applications.

- The TaHoma system supports up to 50 Zigbee devices and 40 RTS channels
- Install up to 10 TaHoma Interfaces as zone controllers to increase the RTS range (RTS only)
- The TaHoma system can support a maximum of 40 scenes with schedules per installation

Each TaHoma® Interface is connected to Wi-Fi or directly to the local area network by an optional Ethernet adaptor for IP Integration with third-party control systems. TaHoma® is compatible with the Somfy Synergy™ API.

RESOURCES & APPLICATIONS

Visit www.somfypro.com for the supporting guides:

- [TaHoma Quick Start Guide](#)
- [The Somfy TaHoma Checklist](#)

Subscribe to the Somfy YouTube Channel www.youtube.com/somfysystems

Visit Somfy U for all the training you need – your pace, your place www.somfyu.com

Visit the Google Play or iOS App Store for the Somfy TaHoma® North America app:



[Google Play Store](#)



[iOS App Store](#)

SMART PHONE OR TABLET REQUIREMENTS

The TaHoma® app is compatible with the following operating systems and software versions:

iOS 11.0+

Android 7.0+

Ensure the app is up to date for the mobile or tablet device

SYSTEM CONFIGURATION

All motors must be fully operational and programmed with limits prior to TaHoma programming. The TaHoma system supports up to 50 Zigbee devices and 40 channels of RTS. RTS devices programmed to an RTS channel will only receive commands from the associated TaHoma Interface. Interfaces must be placed within 23-35 feet of the devices they control.

- Internet connection required for setting up and controlling Zigbee and RTS products
 - Must allow permission for camera, local network, location, and cellular data
 - **Network Requirement:** 2.4 GHz Wi-Fi connection (ONLY) OR Ethernet connection using the Tahoma® Ethernet Adaptor (preferred)

III. INSTALLATION

CONNECTIONS & INDICATORS

Zigbee Coordinator (ZC)

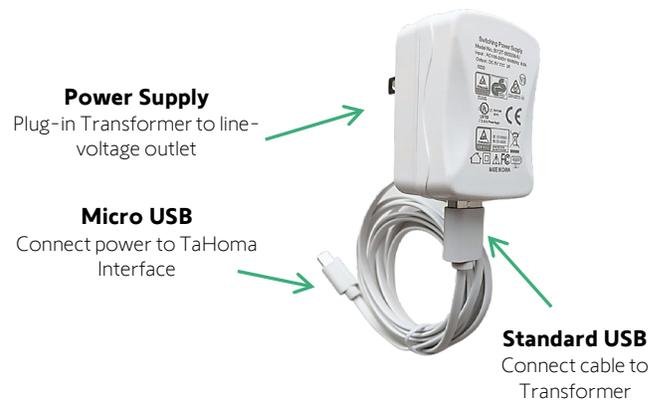
TaHoma® RTS/Zigbee Smartphone and Tablet Interface #1811731 (With base stand included with TaHoma Interface)

REAR



PLUG-IN POWER SUPPLY REQUIRED (Included with TaHoma Interface)

Connect to line-voltage to power TaHoma Interface

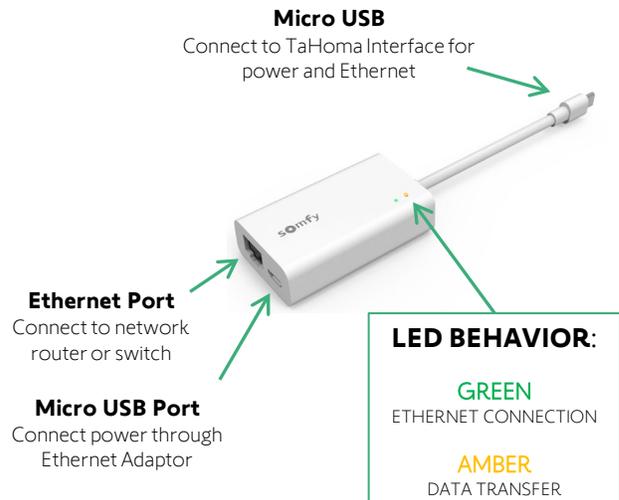


FRONT



TaHoma® Ethernet Adaptor #1870470 (Sold Separately)

Connect for a wired local area network connection



Zigbee Routers (ZR)

SOMFY ZIGBEE SMART PLUG & REPEATER #1800127

Ensure the Smart Plug is plugged into a properly powered outlet.
PRESS & HOLD the LED button while installing in an outlet to pair to TaHoma system.



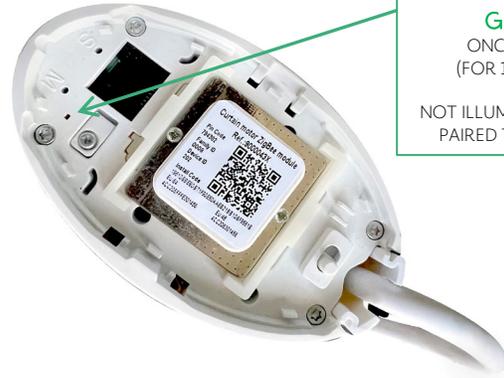
LED BEHAVIOR:

RED
POWERED,
OUTPUT OFF

GREEN
OUTPUT ON,
POWERING DEVICES

DRAPERY MOTOR

Ensure the motor has proper power.
Use the Set & Go® Connect or TaHoma App to scan the QR code of the Zigbee module to add the drapery motor into the TaHoma system.



LED BEHAVIOR:

AMBER
FLASH DURING PAIRING

GREEN
ONCE PAIRED
(FOR 1 SECOND)

NOT ILLUMINATED ONCE
PAIRED TO TAHOMA

Zigbee End Devices (ZED)

WIREFREE MOTOR

Ensure the motor has proper power.
Using a small paper clip or similar, BRIEFLY PRESS the recessed PROGRAMMING BUTTON located on the head of the motor, or plug in the battery supply/charger.

WAKING THE MOTOR:

The motor will jog (briefly move up and down), and the LED will illuminate **GREEN** for 2 seconds. The LED will blink **AMBER** continuously during the setup process.

LED BEHAVIOR:

AMBER
BLINKS IN ZIGBEE MODE

GREEN
BLINKS WHEN A COMMAND IS RECEIVED

RED
BLINKS THREE TIMES WHEN BATTERY IS LOW AND REQUIRES CHARGING



SITUO® 1 & 4 ZIGBEE REMOTES

Ensure the remote is powered.
PRESS any button to illuminate the LED(s).
RED LED(s) illuminate to confirm Zigbee signal transmission. The LED(s) will not illuminate if the battery is discharged.

LED BEHAVIOR:

RED
ILLUMINATES RED IF A COMMAND IS PRESSED ON A CHANNEL WHERE THERE ARE NO PAIRED DEVICES

RED
BLINKS IF PAIRING HAS TIMED OUT

GREEN
BLINKS WHEN CYCLING THROUGH THE CHANNELS ON A MULTI-CHANNEL REMOTE

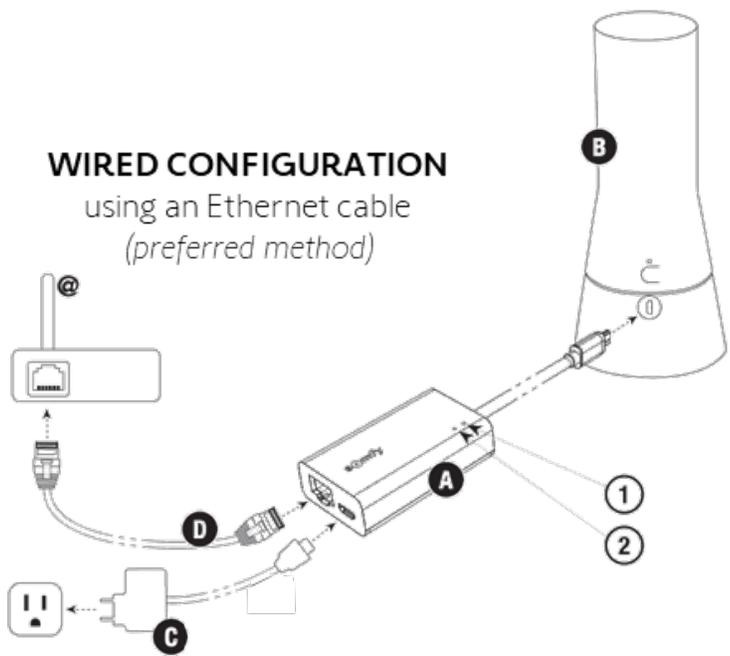
GREEN
BLINKS WHEN A ZIGBEE COMMAND IS SENT TO A PAIRED DEVICE



TaHoma Interface

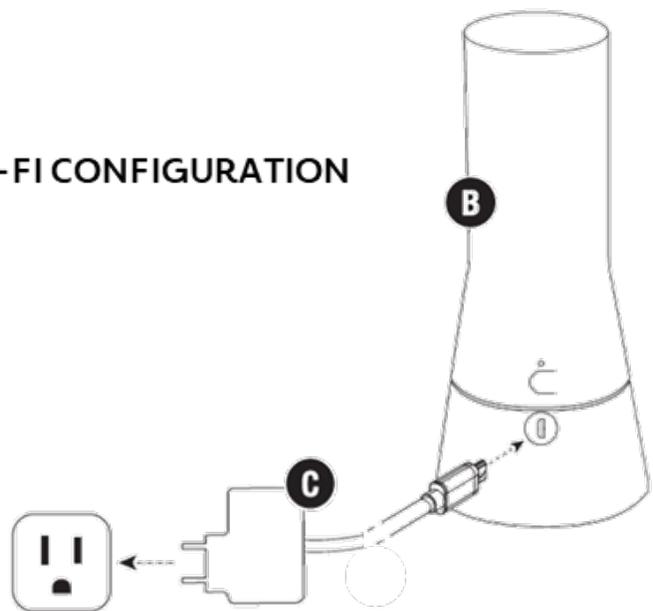
- A** Ethernet Adaptor
- 1** Yellow light indicates data transfer
- 2** Green light indicates Ethernet connection
- B** Tahoma® Zigbee/RTS Smartphone & Tablet Interface
- C** USB Power Supply
- D** Ethernet Cable
- @ Ethernet Router or Network Switch

Ensure the Ethernet Adaptor is connected between the USB Power Supply and the TaHoma Interface prior to configuration.



WI-FI CONFIGURATION

Must use Power Supply included with the TaHoma Interface.



PLACEMENT

ZIGBEE

Place the TaHoma using the following criteria for Zigbee:

- Whole House Control with one TaHoma
- Stay within 23 feet between Zigbee devices for best performance
- Powered devices are Zigbee routers extending mesh network radio range
- For every 6 WireFree Zigbee motors, add a Smart Plug
- Be sure that plug-in Zigbee devices are using powered outlets

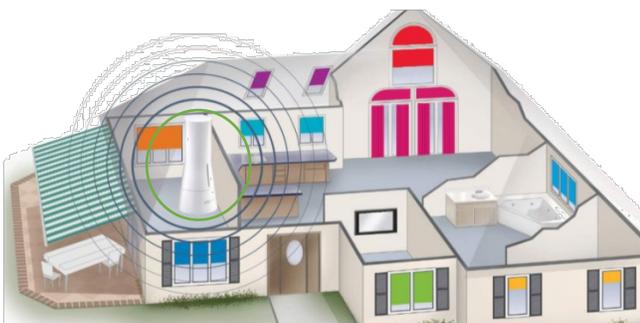


WHOLE HOUSE CONTROL

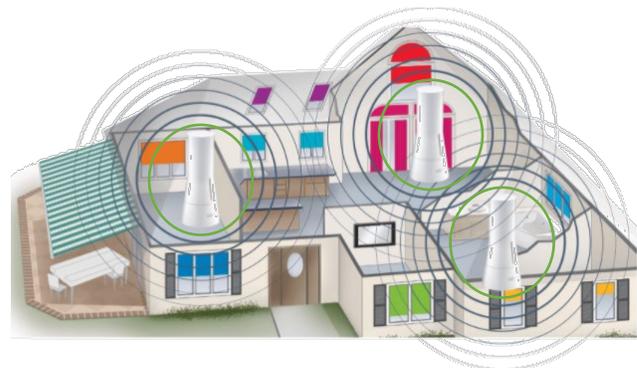
RTS

Place the TaHoma using the following criteria when installing one or more Interfaces:

- Single Zone control (Room Control)
- Whole House Control (up to 10 TaHoma Interfaces)
- Stay within 25-35 feet of the RTS motors for best performance



SINGLE ROOM CONTROL



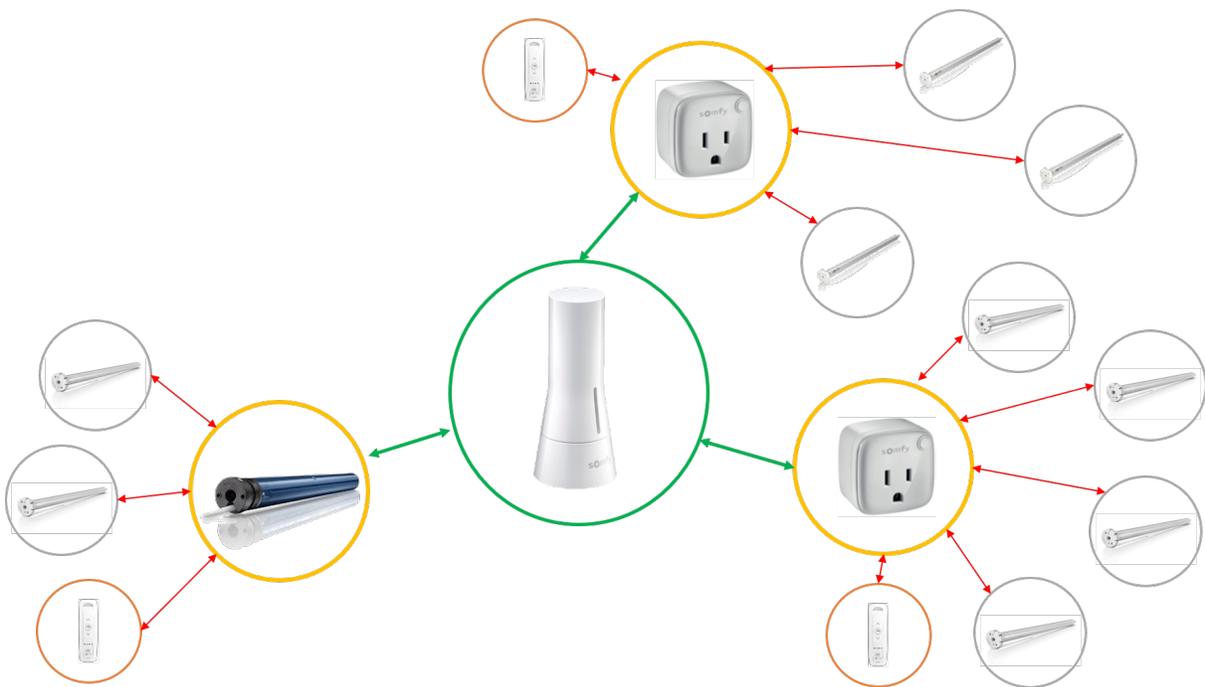
WHOLE HOUSE CONTROL

TAHOMA ZIGBEE NETWORK

In the TaHoma system, certain roles are critical to the Zigbee mesh network, and different products take on roles to support interaction between devices. The Zigbee roles are listed below.

TAHOMA ZIGBEE NETWORK ROLES & PRODUCT TYPES		
Zigbee Roles	Description	Somfy Products
Zigbee Coordinator (ZC)	Coordinators are full-function devices that own the network and distribute network information. They allow for devices to join the network, route traffic, and save messages until they can be delivered.	Somfy TaHoma® Zigbee & RTS Smartphone & Tablet Interface
Zigbee Router (ZR)	Routers are wired devices (powered) that build the infrastructure by relaying messages until the final target. They need to be permanently powered.	<ul style="list-style-type: none"> • Smart Plugs • Powered Motors: <ul style="list-style-type: none"> • Sonesse 40 • Glydea ULTRA with Zigbee Module
Zigbee End Device (ZED)	End devices are devices that do not relay messages in the mesh. These end devices are typically battery powered.	<ul style="list-style-type: none"> • Sonesse 28 Li-Ion • Sonesse 28 External Battery • Sonesse ULTRA 30 Li-Ion • Situo Remote (1 & 4 channel)

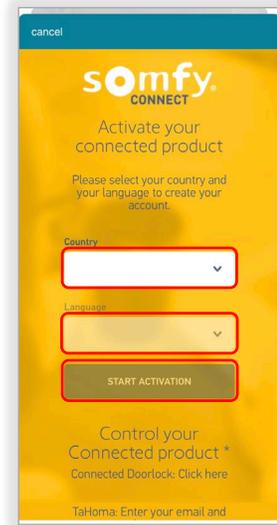
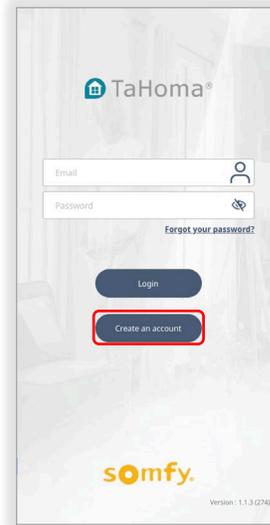
Information is transmitted from TaHoma to the Zigbee routers (green and yellow lines) and then down to the Zigbee end device. If a Zigbee router is unplugged or damaged and cannot route information, the Zigbee protocol will automatically generate a new route to get the information to its destination.



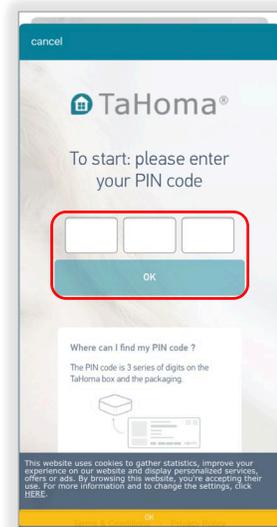
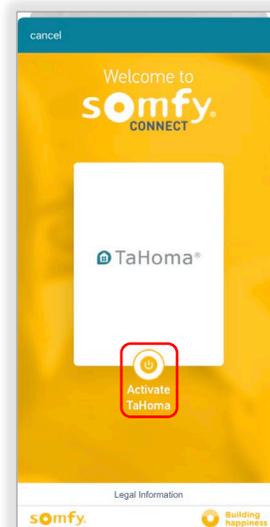
IV. SET UP

ACCOUNT CREATION

1. DOWNLOAD and OPEN the “TaHoma North America” app on an Android or IOS device
2. SELECT “Create an account”
3. SELECT “Country & Language”
4. SELECT “START ACTIVATION”



5. SELECT “Activate TaHoma”
6. ENTER the TaHoma PIN code, SELECT “OK”



The PIN code is a 12-digit number on the TaHoma Interface and the packaging.

IMPORTANT: When scanning the QR code of a TaHoma Interface, only scan the QR code on the base of the TaHoma Interface.

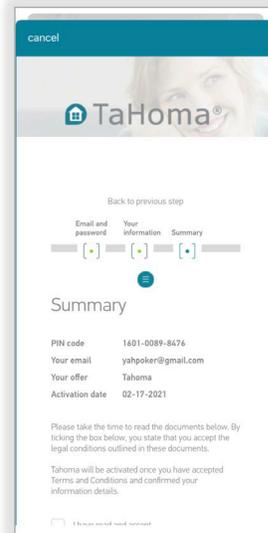
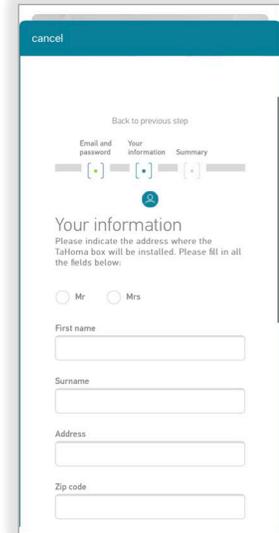
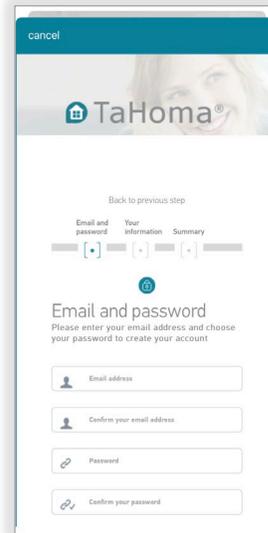
7. ENTER and CONFIRM the account email address and password, SELECT "Continue"
8. ENTER all fields, SELECT "Save and Continue"
9. REVIEW the information in the Summary Page and read all documents:

- *Commercial Offer description and General Conditions of Services*
- *Somfy Privacy Policy*

CHECK both boxes to accept the "Terms and Conditions," SELECT "Confirm"

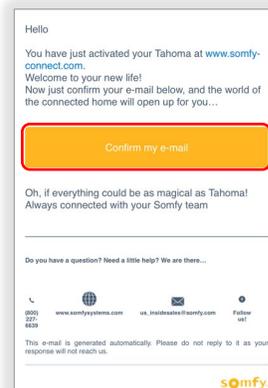
10. SELECT "CLOSE THE WINDOW"

- An email from (info@somfy.com) will be sent summarizing your TaHoma offer with a link to your account
- Click on the link within 24 hours to finalize TaHoma activation and customize your interface
- If the link is not clicked within 24 hours, contact Somfy Customer Service
- In some cases, the email may be found in your junk/spam folder



The Account has been created.

Close the window and check for an email.



Email Sample



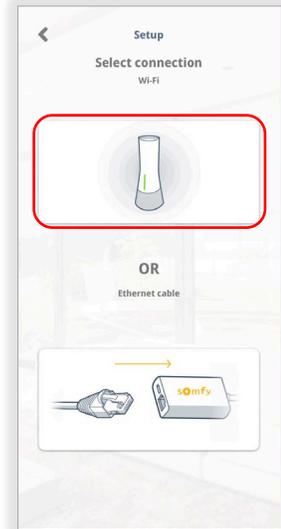
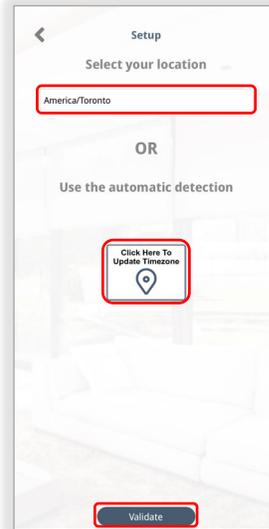
CONNECT VIA WI-FI

NOTE: An internet connection is required. TaHoma does not support local control to operate Zigbee or RTS products without an internet connection.

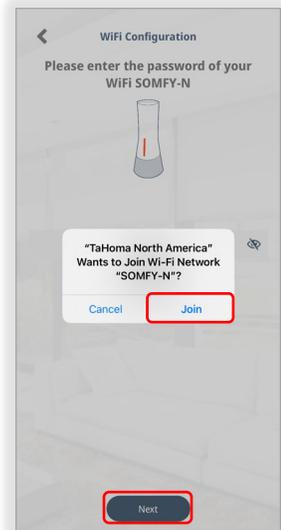
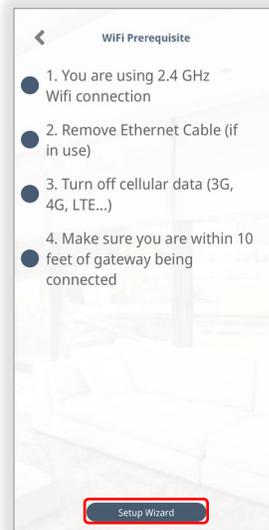
Follow the steps below to connect TaHoma using a 2.4 GHz Wi-Fi connection.

*An Ethernet connection provides more reliability and stability when compared to a Wi-Fi connection.
All Wi-Fi connections are prone to radio interference from other radio frequencies in the air or items with metallic properties.*

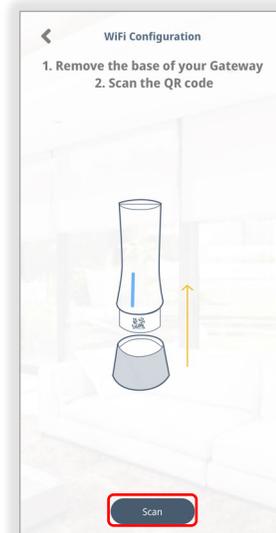
1. CONNECT the mobile device or tablet to the same Wi-Fi network that TaHoma will be connecting to
2. LOGIN to the Somfy TaHoma North America App
3. SELECT location from the drop-down
OR
SELECT "Click Here to Update Time zone"
4. SELECT "Validate"
If the TaHoma LED is **GREEN**, go to step 14
If the TaHoma LED is **RED**, follow the steps below:
5. SELECT "Wi-Fi"



6. Check all Wi-Fi Prerequisites, then SELECT "Setup Wizard"
7. ENTER the password for the Wi-Fi Network, SELECT "Next"
8. SELECT "Join"



9. PRESS & HOLD the Configuration Button on the back of the TaHoma for 3 seconds until the LED indicator turns **BLUE**, SELECT "Next"
10. SELECT "Scan"
11. REMOVE the base of the TaHoma, SCAN the QR code with your mobile device's camera



12. SELECT "Join"
 - Allow TaHoma to connect to devices on your local network*
 - LED indicator will change from **RED** to **GREEN***
13. After the "Congratulations, your Wi-Fi is now configured..." note appears, SELECT "Finish"



14. SELECT one of the two options for setup type:

a. Gateway setup

- This will take you back to the Home screen

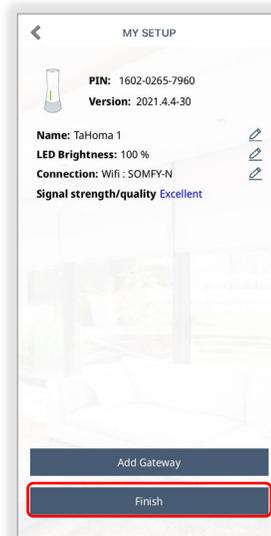
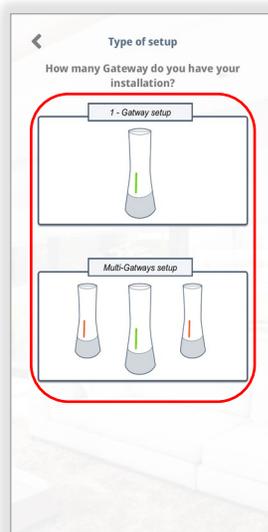
[Refer to the COMMISSIONING section](#) of this guide to add devices

b. Multi-Gateway setup (RTS only)

- This will take you to MY SETUP Page

[Refer to the ADD ADDITIONAL GATEWAYS section](#) of this guide

- *SELECT "Finish" if no additional gateway is required*



Wi-Fi is now connected.

To change the Wi-Fi network, [refer to Change Wi-Fi Network in Appendix E.](#)

CHECK WI-FI STRENGTH

From the TaHoma app Home Page, SELECT the Menu icon in the bottom right corner, SELECT "My Setup"



CHECK TAHOMA CONNECTION STATUS

The TaHoma icon in the top right corner of the TaHoma Menu Page will indicate connection status:

GREEN – Connected to the network

RED – Disconnected from the network



CONNECT VIA ETHERNET

NOTE: An internet connection is required. TaHoma does not support local control to operate Zigbee or RTS products without an internet connection.

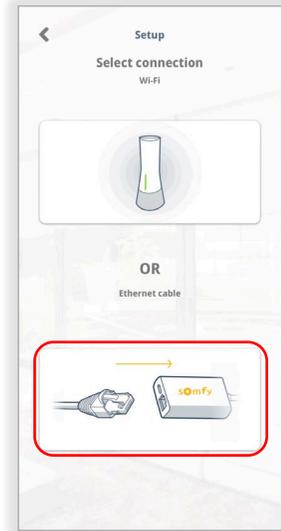
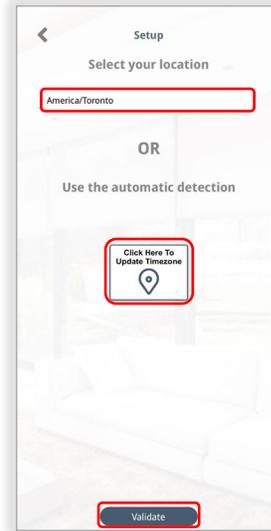
Follow the steps below to connect TaHoma using the TaHoma® Ethernet Adaptor.

*An Ethernet connection provides more reliability and stability when compared to a Wi-Fi connection.
All Wi-Fi connections are prone to radio interference from other radio frequencies in the air or items with metallic properties.*

If the TaHoma LED is **GREEN**, go to step 6

If the TaHoma LED is **RED**, follow the steps below:

1. Ensure the Ethernet Adaptor is plugged into the TaHoma
2. LOGIN to the Somfy TaHoma North America App
3. SELECT location from the drop-down or SELECT "Click Here to Update Timezone," SELECT "Validate"
4. SELECT "Ethernet Cable"



5. Plug the network cable into the TaHoma Ethernet Adaptor (#1870470 sold separately), SELECT "Next"

LED indicator will change from **RED** to **GREEN**, TaHoma is now connected

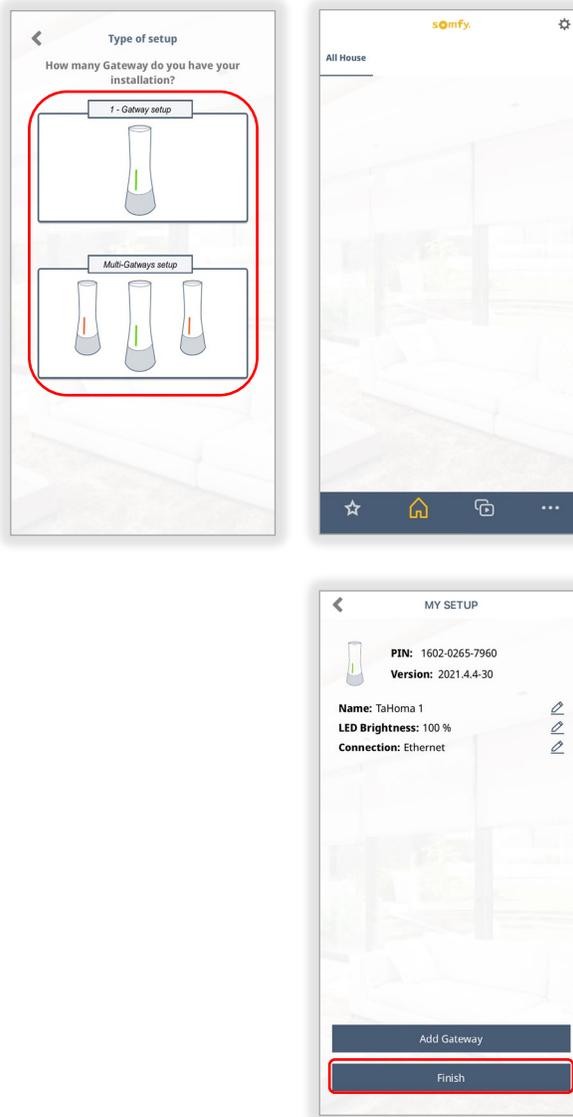
LED will then change to **RED** followed by **AMBER** during the update process

Once complete, LED will change back to **GREEN**

This may take several minutes



6. SELECT one of the two options for setup type:
 - a. Gateway setup
 - This will take you back to the Home screen
 - [Refer to the COMMISSIONING section](#) of this guide to add devices
 - b. Multi-Gateway setup
 - This will take you to MY SETUP Page
 - [Refer to the ADD ADDITIONAL GATEWAYS section](#) of this guide
 - SELECT "Finish" if no additional gateway is required



The Ethernet connection is now complete.

To change to Wi-Fi connection, [refer to the CONNECT via Wi-Fi section](#) of this Guide.
 To add a motor, [refer to the COMMISSIONING section](#) of this Guide.

CHECK CONNECTION TYPE

From the TaHoma app Home Page, SELECT the Menu icon in the bottom right corner, SELECT "My Setup"



CHECK TAHOMA CONNECTION STATUS

The TaHoma icon in the top right corner of the TaHoma Menu Page will indicate connection status:

GREEN – Connected to the network

RED – Disconnected from the network

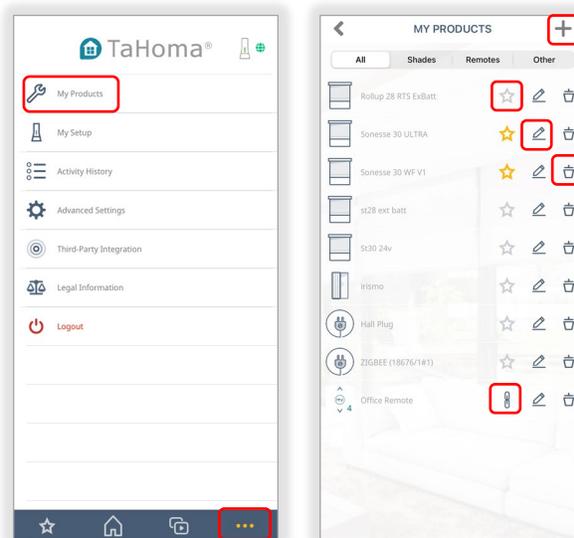


V. SETTINGS

MY PRODUCTS

My Products is used to add, delete, or edit Zigbee/RTS and other devices.

1. From the TaHoma app Home Page, SELECT the Menu icon in the bottom right corner
2. SELECT "My Products"
 - Add a product (+ icon)
 - Binding for Zigbee remote (⌘ icon)
 - Add products to Favorite screen (☆ icon)
 - Edit a product (✎ icon)
 - Device name
 - Battery level for Zigbee products
 - Add or remove a device to this group (RTS only)
 - Test the device (see note for RTS)
 - Delete a product (🗑 icon)

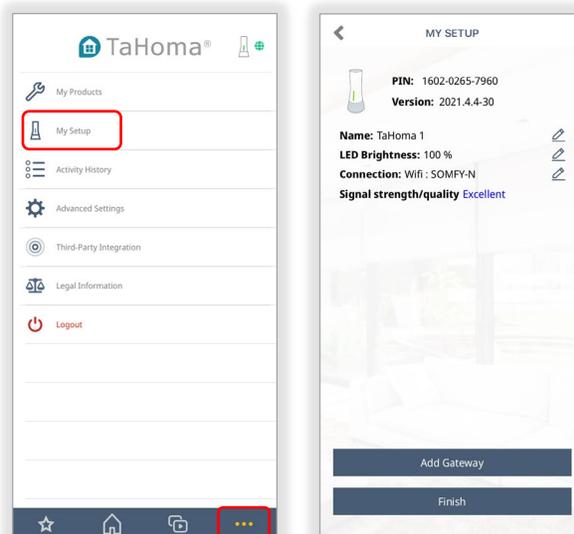


FOR RTS: If the Test button is pressed and the motor is at the upper limit, after 5 seconds the shade will move down to the lower limit. If the Test button is pressed and the motor is at the lower limit, the shade will move up for 5 seconds then back down to the lower limit.

MY SETUP

My Setup is used to configure the TaHoma Interface.

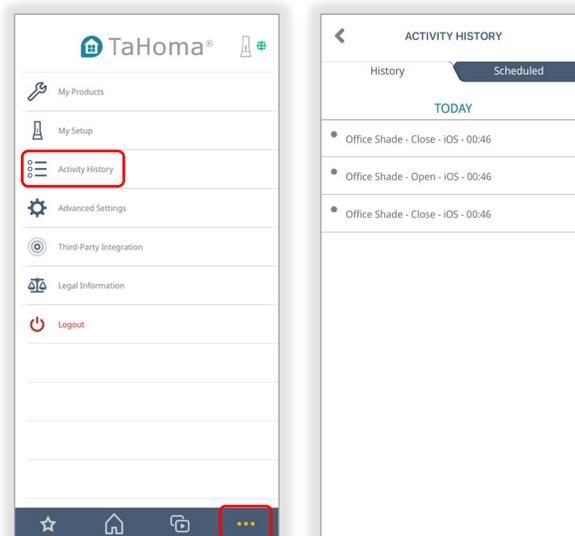
1. From the TaHoma app Home Page, SELECT the Menu icon in the bottom right corner
2. SELECT "My Setup"
 - **View TaHoma PIN and Version**
 - **Name the Interface** - Change the name of the TaHoma Interface
 - **LED Brightness** - Change the LED brightness (1%-100%)
 - **Connection** – shows connection type (Ethernet or Wi-Fi) and SSID of the network connected for Wi-Fi
 - **Signal strength** – Strength of the connected Wi-Fi Network (**Excellent**, **Good**, **Poor**, **Disconnected**)
 - **Add Gateway** (Add up to a maximum of 10 TaHoma Interfaces for RTS configuration only)



ACTIVITY HISTORY

Activity History is used to view all commands sent from Android or IOS devices and any schedules that have launched.

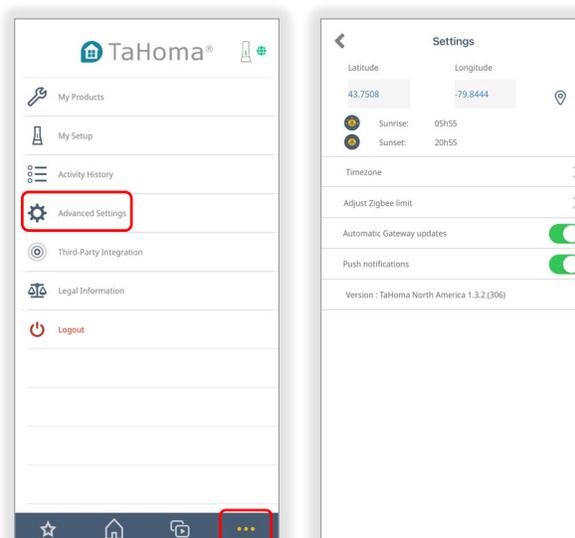
1. From the TaHoma app Home Page, SELECT the Menu icon in the bottom right corner
2. SELECT "Activity History"
3. SELECT the Tab to change view of commands
 - History of all commands
 - History of all scheduled commands



ADVANCED SETTINGS

Advanced Settings is used to set location, time zone, turn on automatic updates, turn on push notifications, and view TaHoma app version.

1. From the TaHoma app Home Page, SELECT the Menu icon in the bottom right corner
2. SELECT "Advanced Settings"
 - **Set location** — use GPS location to set Sunrise and Sunset time
 - **Time zone** — Set time zone from a list or automatically
 - **Adjust Zigbee limit** — adjust upper and lower limits, change rotation direction (for Zigbee motors only)
 - **Automatic Gateway updates** — TOGGLE ON to auto update (OFF by default)
 - **Push Notifications** — TOGGLE ON to get information about the status of your TaHoma (OFF by default)
 - **View TaHoma App version**

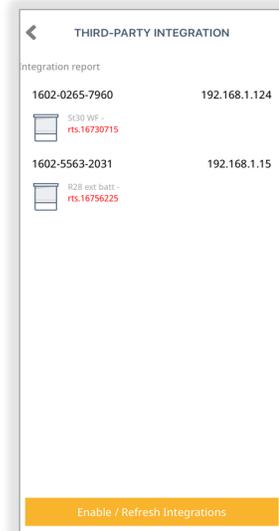
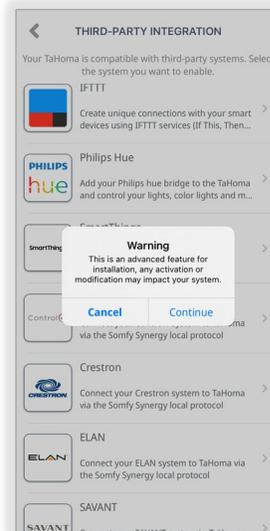
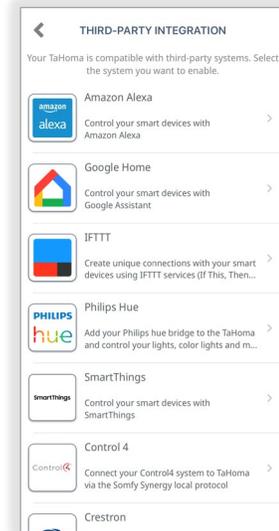
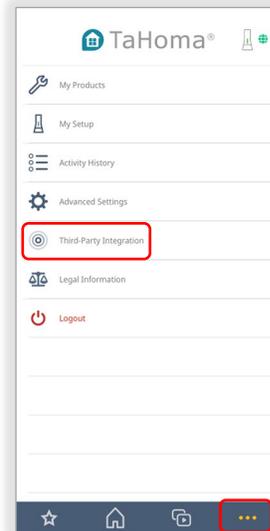


THIRD-PARTY INTEGRATION

TaHoma is compatible with various third-party systems.

1. From the TaHoma app Home Page, SELECT the Menu icon in the bottom right corner
2. SELECT "Third-Party Integration"

- **Amazon Alexa** – Control devices with Alexa
- **Google Home** – Control devices with Google Assistant
- **IFTTT** – use If This Then That to create unique connections with your devices
- **Alarm.com** – Control devices with Alarm.com
- **Philips Hue** – Add a Hue Bridge to control lights
- **SmartThings** – Control devices with SmartThings
- **Control4** – Connect a Control4 system to TaHoma
- **Crestron** - Connect a Crestron system to TaHoma
- **ELAN** - Connect an ELAN system to TaHoma
- **SAVANT** - Connect a SAVANT system to TaHoma
- **URC** - Connect a URC system to TaHoma
- **RTI** - Connect an RTI system to TaHoma
- **Brilliant** - Connect a Brilliant system to TaHoma



3. FOLLOW the prompts and refer to integration guides at <https://www.somfypro.com/tahoma-documentation>

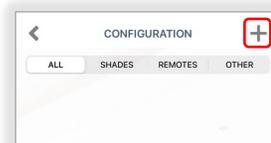
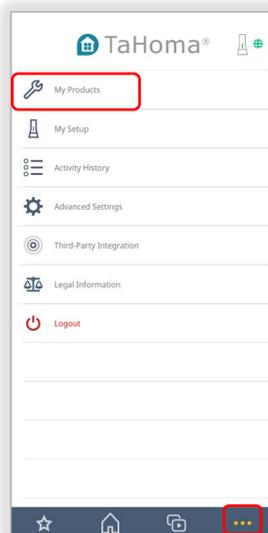
An Integration Report is generated in the TaHoma App which will include the TaHoma Interface PIN and IP address. Third-Party Integration must first be enabled in the TaHoma App.

VI. COMMISSIONING

ADD A ZIGBEE SMART PLUG

To add a Smart Plug, follow the steps below.

1. From the TaHoma app Home Page, SELECT the Menu icon in the bottom right corner, SELECT “My Products”
2. SELECT the + icon in the top right corner
3. SELECT “Zigbee”
4. SELECT “Add Zigbee product”
5. SCAN the QR code on back of the Smart Plug

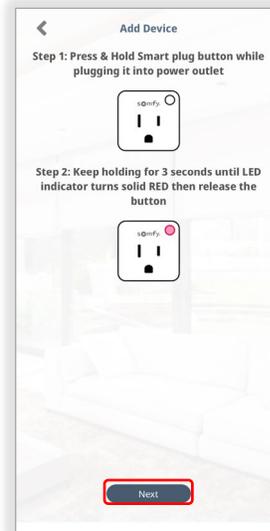


6. Follow the on-screen instructions:
- PRESS & HOLD the button on the smart plug while plugging it into a socket
 - HOLD the LED until it illuminates solid RED, then RELEASE

Pairing mode will timeout after 40 seconds

7. SELECT "Next" and wait for the device to pair

This process may take up to 3 minutes

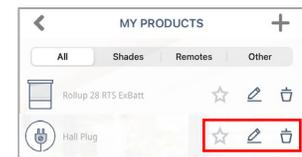


8. ENTER a name the device in text field, then SELECT "Next"

The device is now added to the TaHoma



To favorite the Smart Plug, SELECT the Star icon.
 To edit the Smart Plug, [refer to Edit A Product in Appendix G.](#)
 To delete the Smart Plug, [refer to Delete A Zigbee Product in Appendix H.](#)

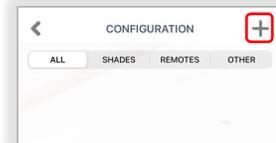
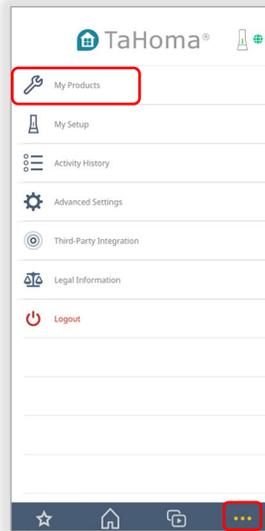


ADD A ZIGBEE DRAPERY MOTOR

To add a Zigbee drapery motor, follow the steps below.

NOTE: All motors must be fully operational and programmed with limits prior to TaHoma programming.

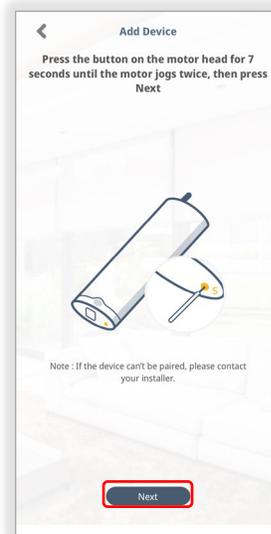
1. From the TaHoma app Home Page, SELECT the Menu icon in the bottom right corner, SELECT "My Products"
2. SELECT the + icon in the top right corner
3. SELECT "Zigbee"
4. SELECT "Add Zigbee product"
5. REMOVE the bottom cover and SCAN the QR code of the motor



6. FOLLOW the on-screen instructions:
- PRESS & HOLD the "S" PROGRAMMING BUTTON on the motor for 7 seconds until the motor jogs twice

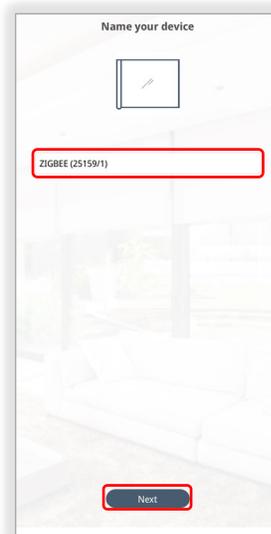
7. SELECT "Next" and wait for the device to pair

This process may take up to 3 minutes

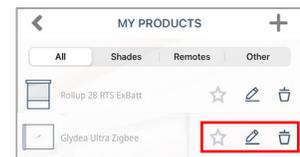


8. ENTER a name in text field, then SELECT "Next"

The motor will jog once to confirm it has been added to the TaHoma



To favorite the motor, SELECT the Star icon.
 To edit the motor, [refer to Edit A Product in Appendix G.](#)
 To delete the motor, [refer to Delete A Zigbee Product in Appendix H.](#)



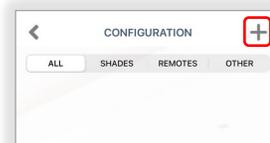
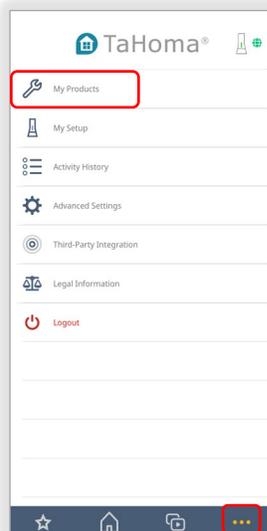
ADD A ZIGBEE TUBULAR MOTOR

To add an AC or DC tubular motor, follow the steps below.

All motors must be fully operational and programmed with limits prior to TaHoma programming.

NOTE: First add all AC powered devices, then add DC tubular motors.

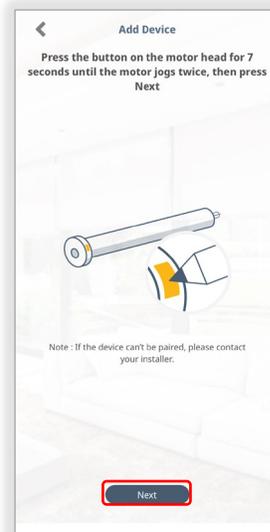
1. From the TaHoma app Home Page, SELECT the Menu icon in the bottom right corner, SELECT "My Products"
2. SELECT the + icon in the top right corner
3. SELECT "Zigbee"
4. SELECT "Add Zigbee product"
5. SCAN the QR code on the motor



6. FOLLOW the on-screen instructions:
- PRESS & HOLD the PROGRAMMING BUTTON on the motor head for 7 seconds until the motor jogs twice

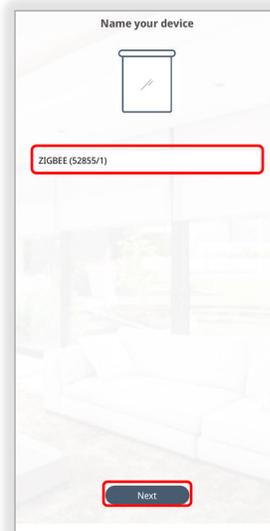
7. SELECT "Next" and wait for the device to pair

This process may take up to 3 minutes

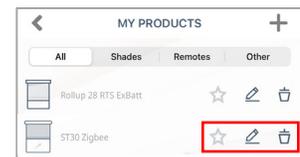


8. ENTER a name in text field, then SELECT "Next"

The motor will jog once to confirm it has been added to the TaHoma



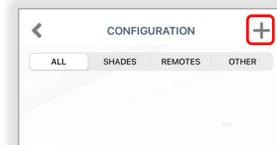
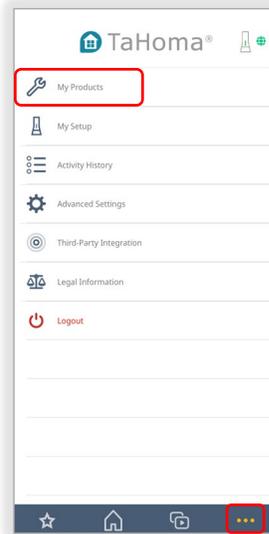
To favorite the motor, SELECT the Star icon.
To edit the motor, [refer to Edit A Product in Appendix G.](#)
To delete the motor, [refer to Delete A Zigbee Product in Appendix H.](#)



ADD A ZIGBEE REMOTE

To add a Zigbee remote, follow the steps below.

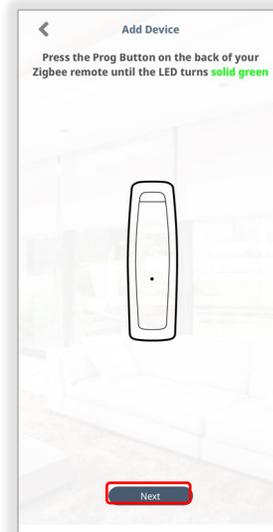
1. From the TaHoma app Home Page, SELECT the Menu icon in the bottom right corner, SELECT "My Products"
2. SELECT the + icon in the top right corner
3. SELECT "Zigbee"
4. SELECT "Add Zigbee product"
5. SCAN the QR code on the remote



6. FOLLOW the on-screen instructions:
- PRESS & HOLD the PROGRAMMING BUTTON on the back of the remote control for 7 seconds until the LED on the front of the remote is solid GREEN

7. SELECT "Next" and WAIT for the device to pair

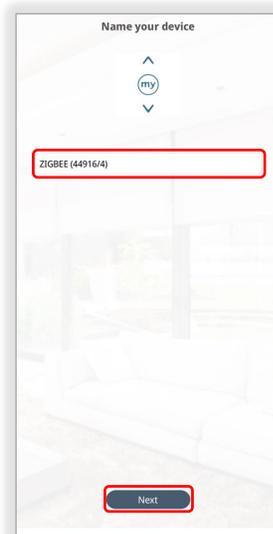
This process may take up to 3 minutes



8. ENTER a name in text field, then SELECT "Next"

The device is now added to the TaHoma

To pair a Zigbee device to the remote, [refer to Pair a Zigbee Remote](#)

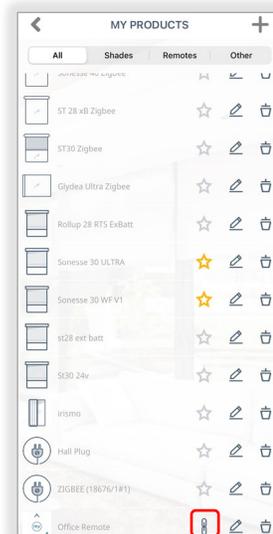
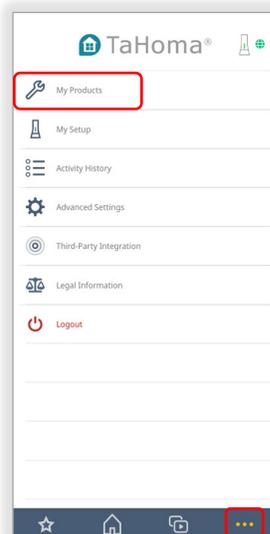


PAIR A ZIGBEE REMOTE

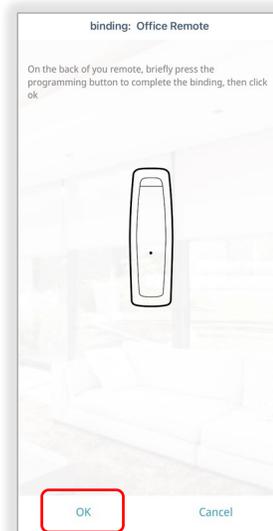
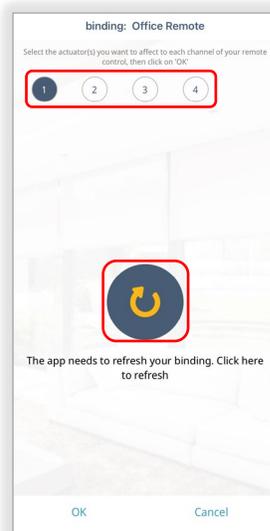
To pair a Zigbee remote or Zigbee groups, follow the steps below.

NOTE: Only one device or one Zigbee group is permitted per channel.

1. From the TaHoma app Home Page, SELECT the Menu icon in the bottom right corner, SELECT "My Products"
2. SELECT the Link icon next to the Zigbee remote



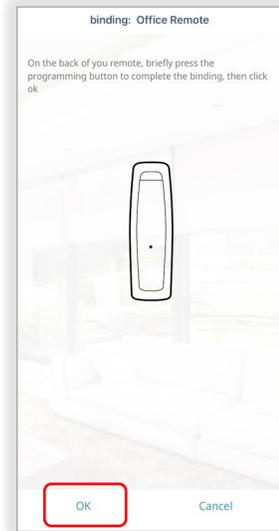
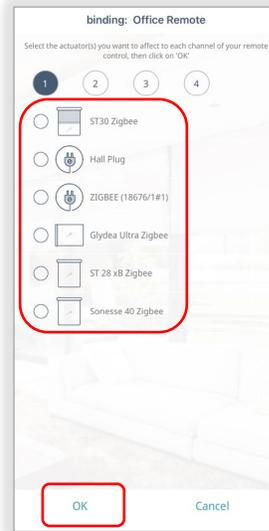
3. SELECT the Channel to a pair a device
4. SELECT the Refresh icon
5. PRESS & RELEASE the PROGRAMMING BUTTON on the back of the remote control
6. SELECT "OK"



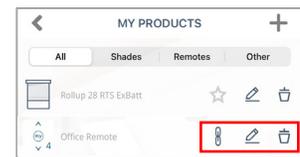
7. SELECT a device or a Zigbee group to be controlled on the selected channel
8. SELECT "OK"
9. PRESS & RELEASE the PROGRAMMING BUTTON on the back of the remote control
10. SELECT "OK"

The device or group has been paired to the selected channel

Repeat the steps above to pair a device or Zigbee group to a channel



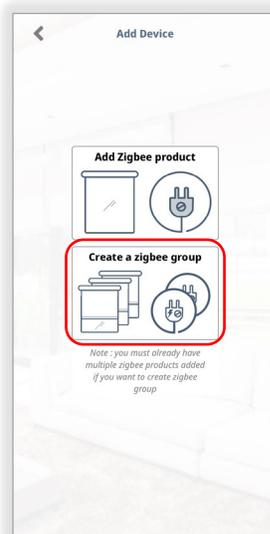
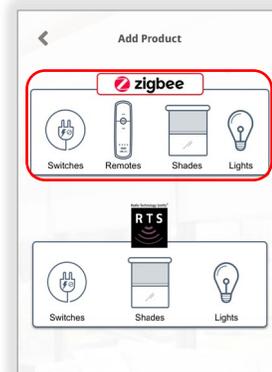
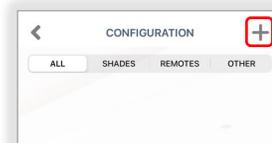
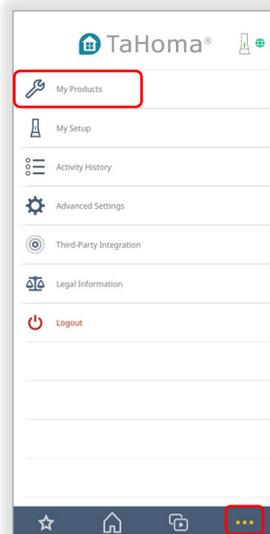
To pair devices to the remote, SELECT the Link icon.
 To edit the remote, [refer to Edit A Product in Appendix G.](#)
 To delete the remote, [refer to Delete A Zigbee Product in Appendix H.](#)



CREATE A ZIGBEE GROUP

To create a Zigbee group, follow the steps below.

1. From the TaHoma app Home Page, SELECT the Menu icon in the bottom right corner, SELECT "My Products"
2. SELECT the + icon in the top right corner
3. SELECT "Zigbee"
4. SELECT "Create a Zigbee group"



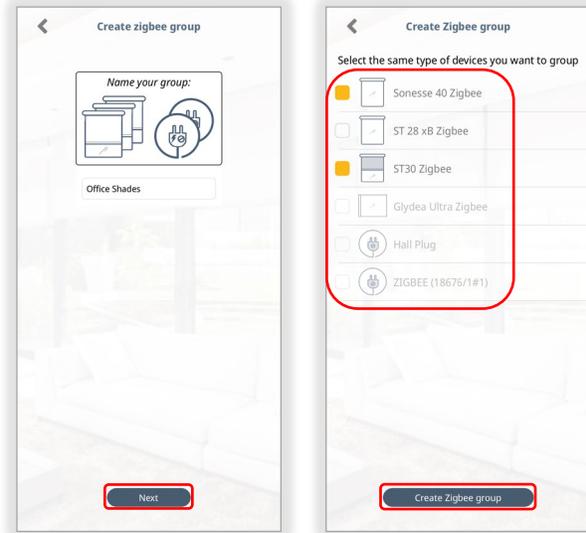
5. ENTER a name for the group in the text field
6. SELECT "Next"
7. SELECT the devices to group:

NOTE: Only devices from the same category can be grouped.

Allowed groups:

- AC motors only
- DC motors only
- AC and DC motors only
- Drapery motors only
- Smart plugs only

8. SELECT "Create Zigbee group"



To favorite the group, SELECT the Star icon.
 To edit the group, [refer to Edit A Product in Appendix G.](#)
 To delete the group, [refer to Delete A Zigbee Product in Appendix H.](#)

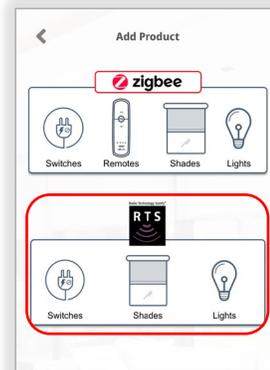
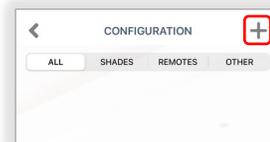
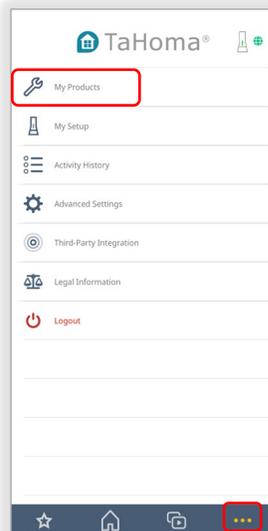


ADD AN RTS PRODUCT

To add an RTS motor, follow the steps below.

NOTE: All motors must be fully operational and programmed with limits prior to TaHoma programming.

1. From the TaHoma app Home Page, SELECT the Menu icon in the bottom right corner, SELECT "My Products"
2. SELECT the + icon in the top right corner
3. SELECT "RTS"



For Multi-Gateway Systems

When adding an RTS motor to a multi-gateway system, SCAN the TaHoma QR code that is in the closest range of that RTS motor being added. SELECT "Scan," then continue with the steps below.

4. SELECT an RTS product:
 - a. For window coverings
SELECT "Shades" tab and choose the proper device to be programmed

Example:

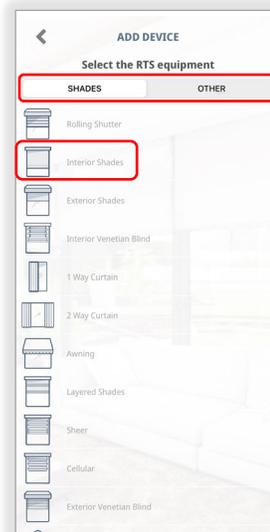
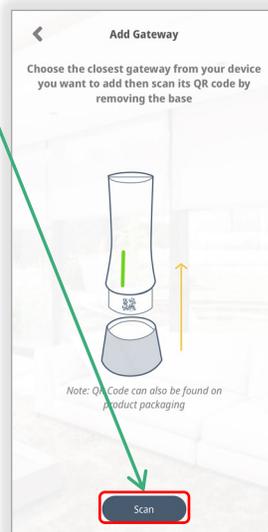
Indoor Roller Blinds → SELECT "Interior Shades"

- b. For Others
SELECT "Others" tab and choose the proper device to be programmed

Example:

LED Light Kit → SELECT "Dimmable Light"

5. ENTER a name for your device, then SELECT "Next"



6. SELECT the channel on the RTS remote to add to a TaHoma channel, SELECT "Next"

NOTE: RTS motor must be paired to an RTS remote before completing this step.

7. PRESS & HOLD the PROGRAMMING BUTTON on the back of the RTS remote until the motor jogs briefly or LED Light Kit slow blinks

NOTE: Make sure the TaHoma and RTS remote are in range of the motor. If the motor does not respond, try again by moving closer to the RTS motor. Do not move to the next step until the motor responds.

8. SELECT "Next" – **SELECT "Next" ONLY AFTER the RTS motor has responded (motor jogs or LED Light Kit slow blinks)**

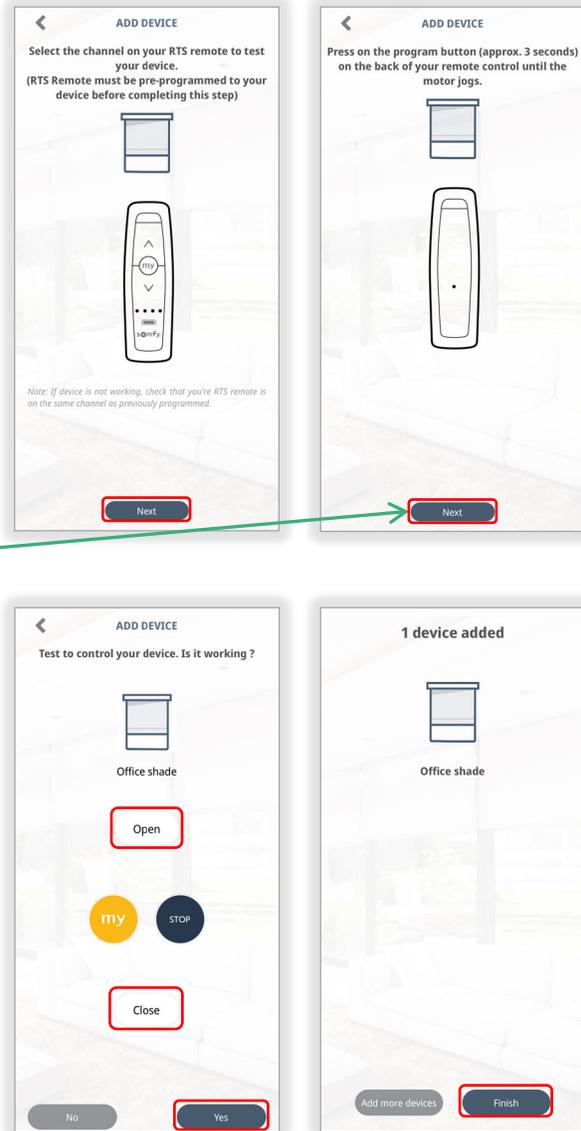
9. SELECT "Open" or "Close" to ensure motor is operational

10. SELECT "Yes" if the motor responded
SELECT "No" to try again

11. SELECT "Finish" to complete the setup

OR

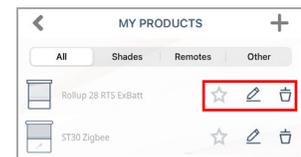
SELECT "Add more devices" to add another motor to create a group channel



An RTS motor has been added.

IMPORTANT: When adding an RTS motor to a multi-gateway system, SCAN the TaHoma QR code that is in the closest range of that RTS motor being added.

To favorite the RTS motor, SELECT the Star icon.
To edit the motor, [refer to Edit A Product in Appendix G.](#)
To delete the motor, [refer to Delete an RTS Product in Appendix I.](#)



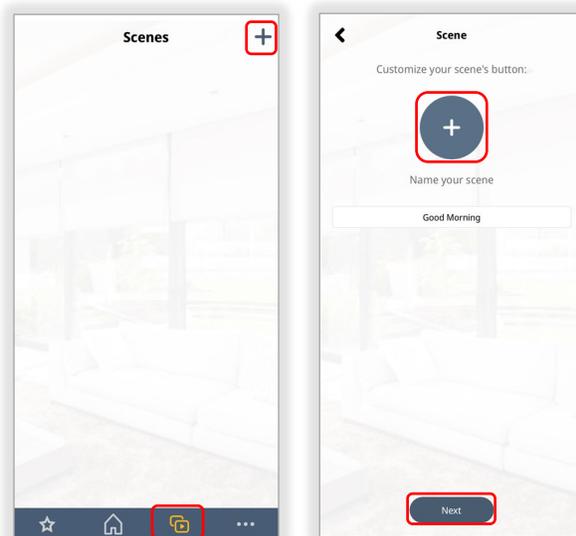
ADD A SCENE

A TaHoma system can support a maximum of 40 scenes with schedules.

1. SELECT the Scene icon from the bottom menu
2. SELECT the + icon in the top right corner
3. SELECT the large + icon, SELECT an icon to represent the scene, ENTER a name for the scene

Example: Good Morning

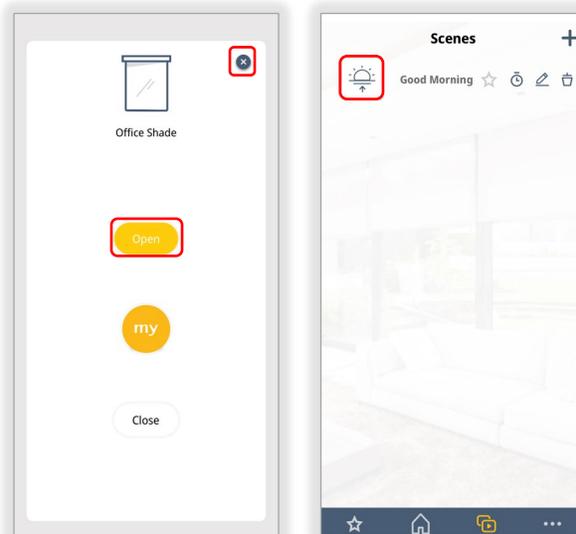
4. SELECT "Next"



5. SELECT the device to be added to the scene
Example: Office Shade
6. SELECT a command for the product, then SELECT "X" in the top right corner

Example: Open

7. SELECT "Next"
8. To test the scene, SELECT the icon to activate



The Scene has been created.

To set the Scene as a favorite, SELECT the Star icon.

To edit the Scene, SELECT the Pencil icon.

To delete the Scene, SELECT the Trash icon.

To create a schedule for this Scene, [refer to the Add A Schedule To A Scene section](#) of this Guide.

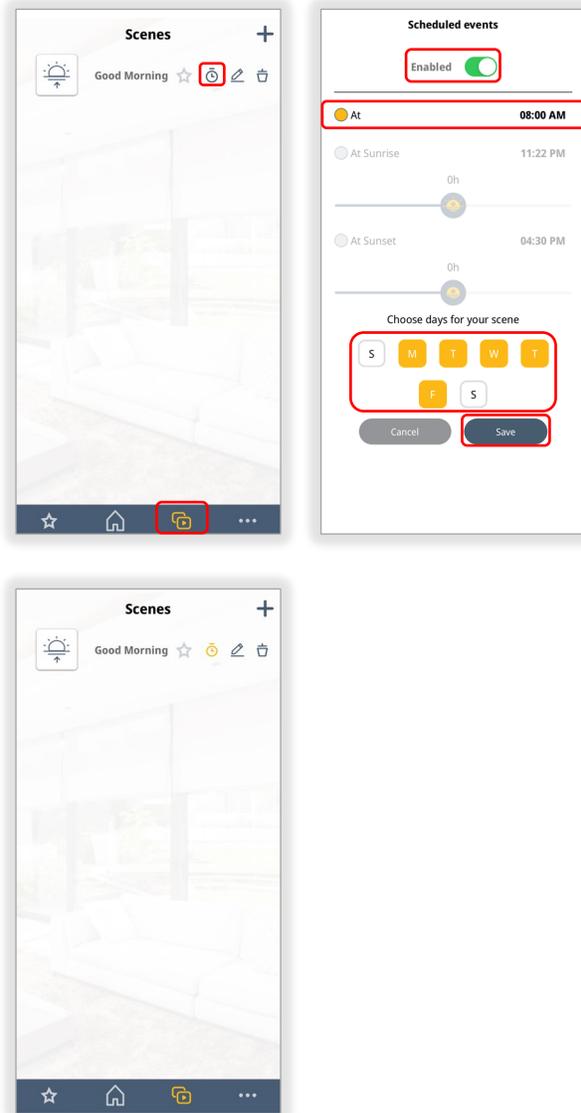


ADD A SCHEDULE TO A SCENE

A TaHoma system can support a maximum of 40 scenes with schedules.

NOTE: Scheduled scenes continue to operate at the scheduled time even after internet connection is lost.

1. SELECT the Scene icon from the bottom menu
2. SELECT the Clock icon next to the scene to be scheduled
3. TOGGLE "Enabled" to the ON position
4. SELECT a condition:
 - "At" - set a start time
Example: 08:00 AM
 - "At Sunrise" - use location to set sunrise time, and use the slider to offset the sunrise time by up to 1 hour before or after
 - "At Sunset" - use location to set Sunset time, and use the slider to offset the sunset time by up to 1 hour before or after
5. SELECT the days to be scheduled
6. SELECT "Save"
*NOTE: Clock icon will be **YELLOW** when activated and **GREY** when deactivated.*



The Schedule has been created.

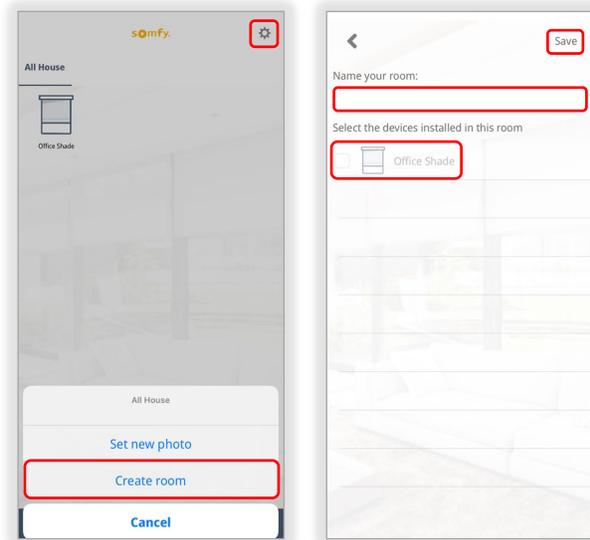
To edit the schedule, SELECT the Clock icon.

To disable the schedule, SELECT the Clock icon and TOGGLE the "Enabled" button to the OFF position, then SELECT "Save."

CREATE A ROOM

Create rooms to organize Zigbee and RTS devices. A maximum of 50 rooms can be created.

1. SELECT the Home icon from the bottom menu
2. SELECT the Gear icon in the top right corner
3. SELECT "Create room"
4. ENTER a name for the room
5. SELECT the device(s) to be added
6. SELECT "Save"



The Room has been created.

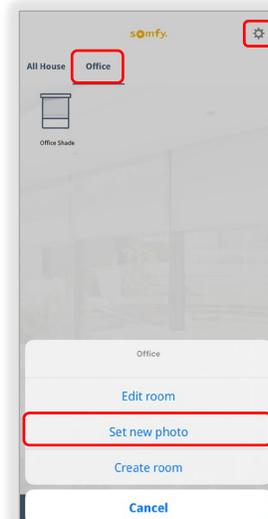
To edit the Room or delete the Room, SELECT the Gear icon, SELECT "Edit Room".

NOTE: "All House" room cannot be deleted.

SET PHOTO TO A ROOM

Add a photo to easily distinguish the room.

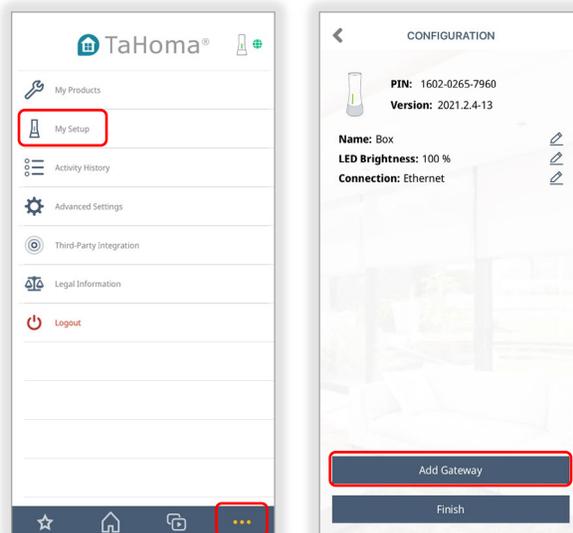
- 1) SELECT the room to add an image to
- 2) SELECT the Gear icon
- 3) SELECT "Set new photo"
- 4) TAKE a picture using the mobile or tablet device, or SELECT an image from your gallery



ADD ADDITIONAL GATEWAYS

Add additional gateways for whole home control or single room control.
This only applies to RTS installations for extending the range.

1. From the TaHoma app Home Page, SELECT the Menu icon in the bottom right corner
2. SELECT “My Setup”
3. SELECT “Add Gateway”



4. SELECT one of the two connection statuses of the TaHoma:

- a. “No my Gateway is disconnected” (**RED** LED)

SELECT one of the two connection options:

- i. Ethernet Cable - Requires TaHoma® Ethernet Adaptor (#1870470)

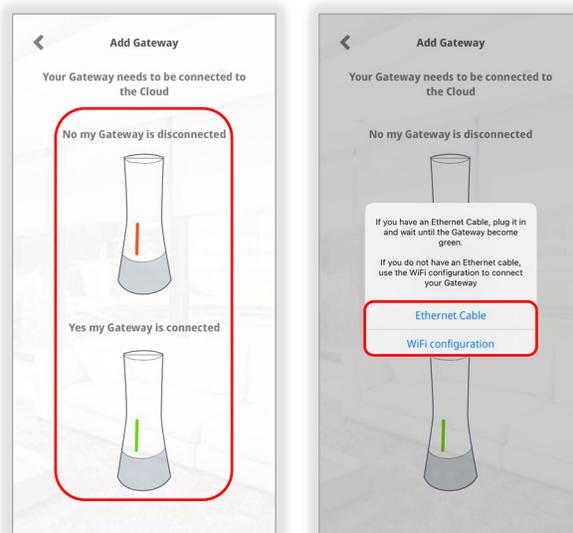
[Refer to step 1, Add Additional Gateway via Ethernet on the next page.](#)

- ii. Wi-Fi Configuration

[Refer to step 4 to 13, CONNECT via Wi-Fi section of this guide.](#)

- b. “Yes my Gateway is connected” (**GREEN** LED)

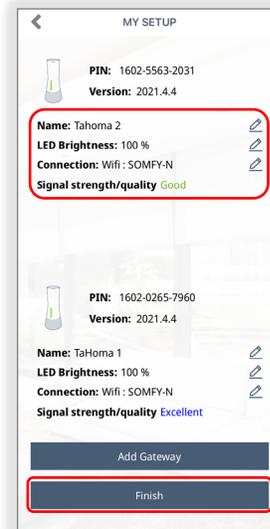
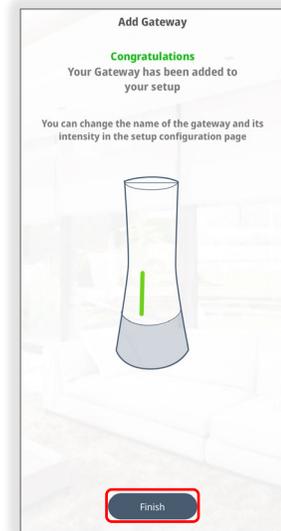
When the “Congratulations, your gateway has been added...” note appears, SELECT “Finish”



IMPORTANT: When adding an RTS motor to a multi-gateway system, SCAN the TaHoma QR code that is in the closest range of that RTS motor being added.

Add Additional Gateway via Ethernet

1. PLUG the ethernet cable into the adaptor
2. SELECT "Next"
3. WAIT for the TaHoma LED to turn **GREEN**
4. After the "Congratulations, your gateway has been added..." note appears, SELECT "Finish"
5. SELECT the Pencil icons to name the gateway, change the LED brightness, or change the connection
6. When complete, SELECT "Finish"



APPENDIX

[APPENDIX A] AVAILABLE COMMANDS & ACTIONS



TAHOMA ZIGBEE COMMANDS	
Close/Down	Moves blind to the fully closed position
Open/Up	Moves blind to the fully open position
Stop	Stops blind when moving
My	Moves blind to the programmed "my" position if blind is at rest



TAHOMA SMART PLUG COMMANDS	
Identify	Turns LED from GREEN to RED without turning output ON or OFF
ON	Turns power ON to lighting or small appliance
OFF	Turns power OFF to lighting or small appliance

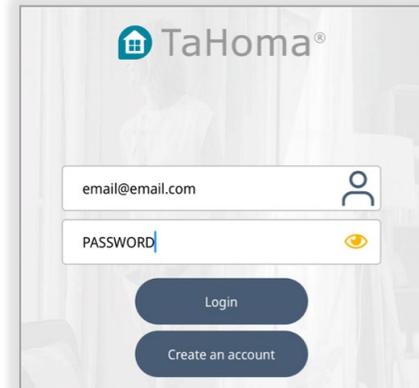


TAHOMA RTS COMMANDS	
Close	Moves blind to the fully closed position
Open	Moves blind to the fully open position
Stop	Stops blind when moving
My	Moves blind to the programmed "my" position if blind is at rest
Tilt Up	Tilts blind up (only available for tilt blinds)
Tilt Down	Tilts blind down (only available for tilt blinds)
ON	Turns LED light kit ON (only available for LED light kit)
OFF	Turns LED light kit OFF (only available for LED light kit)
Minus	Decreases brightness (only available for LED light kit)
Plus	Increases brightness (only available for LED light kit)

[APPENDIX B] SHARE TAHOMA

To share the TaHoma account with another user, the same login credentials used to create the account must be used to login with another device.

1. SELECT the Eye icon to display the password
2. TAKE a screenshot to share with other users or other devices



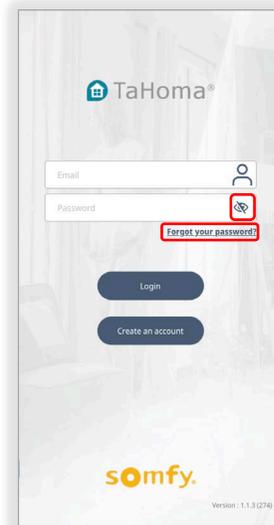
[APPENDIX C] FORGOT PASSWORD

1. From the TaHoma app Home Page, SELECT the Menu icon in the bottom right corner
2. SELECT "Logout"
3. SELECT the Eye icon next to password section to view the password

OR

SELECT "Forgot password" to reset

NOTE: An email will be sent to the registered email address with a link to change the password.



[APPENDIX D] WI-FI STATUS

CHECK WI-FI STRENGTH

From the TaHoma app Home Page, SELECT the Menu icon in the bottom right corner, SELECT "My Setup"



CHECK TAHOMA CONNECTION STATUS

The TaHoma icon on the top right corner of the TaHoma Menu Page will indicate connection status:

GREEN – Connected to the network

RED – Disconnected from the network

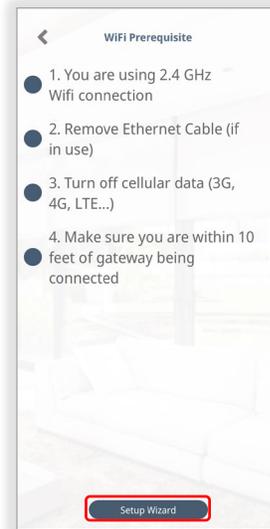
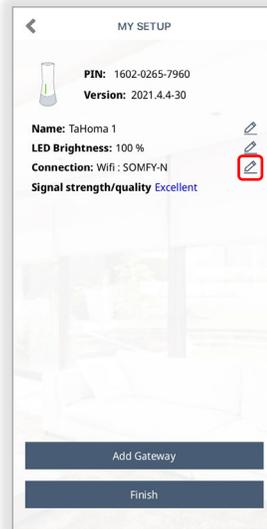
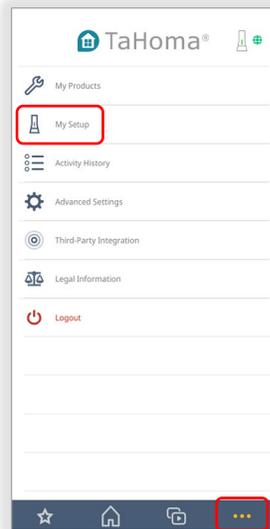


[APPENDIX E] CHANGE WI-FI NETWORK

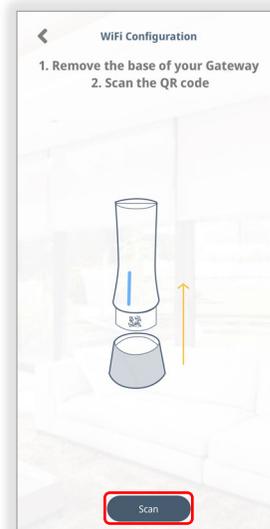
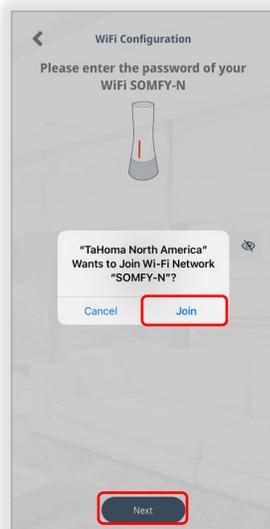
Follow the steps below to change to a different Wi-Fi network, to update the Wi-Fi password for the network, or to switch from an Ethernet (wired) connection.

1. From the TaHoma app Home Page, SELECT the Menu icon in the bottom right corner, SELECT "My Setup"
2. SELECT the Pencil icon next to "Connection"
3. Check all Wi-Fi Prerequisites, SELECT "Setup Wizard"

IMPORTANT: Ensure that your mobile device or tablet is connected to the same Wi-Fi network that TaHoma will be connecting to.



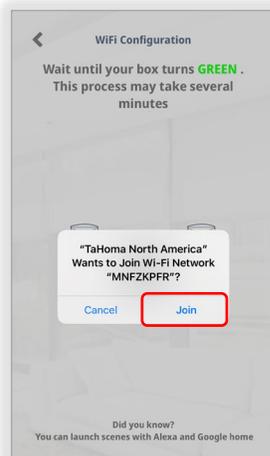
4. ENTER the password for the Wi-Fi network, SELECT "Next," SELECT "Join"
5. PRESS & HOLD the configuration button on the back of the Interface for 3 seconds until the LED indicator light turns BLUE, SELECT "Next"
6. SELECT "Scan," REMOVE the base of your Interface and SCAN the QR code with your device's camera



7. SELECT "Join"
8. Once successful, the screen will display "Congratulations"

SELECT "Finish"

Wi-Fi network is changed and connected.



To switch from a Wi-Fi connection to a wired connection using an Ethernet cable, plug the Ethernet Adaptor into the TaHoma and connect an Ethernet cable to the adaptor. Connection will establish and the TaHoma LED will turn GREEN.

[APPENDIX F] UNABLE TO READ QR CODE

If the Zigbee QR code cannot be scanned, follow the steps below.

NOTE: Zigbee motors must be fully programmed, in pairing mode, and only one device at a time can be added.

1. SELECT "I don't have a QR code"

NOTE: Only put one Zigbee device in pair mode at a time.

How to enter Zigbee pair mode:

DC Tubular Motors: PRESS & HOLD the PROGRAMMING BUTTON on the motor head until the motor jogs twice

LED will Flash **AMBER** when pair mode is active

AC Tubular Motors: PRESS & HOLD the PROGRAMMING BUTTON on the motor head until the motor jogs twice

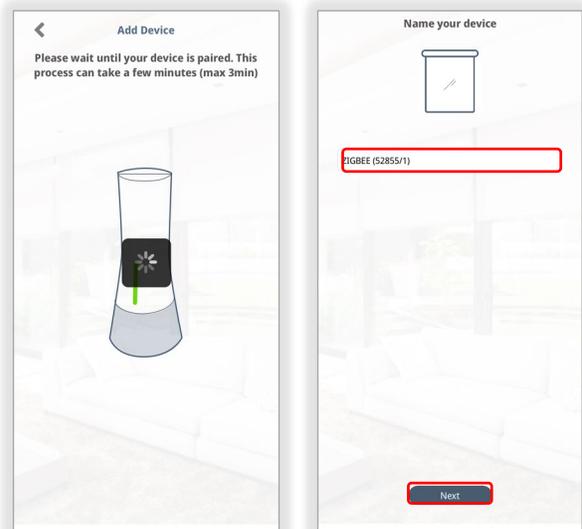
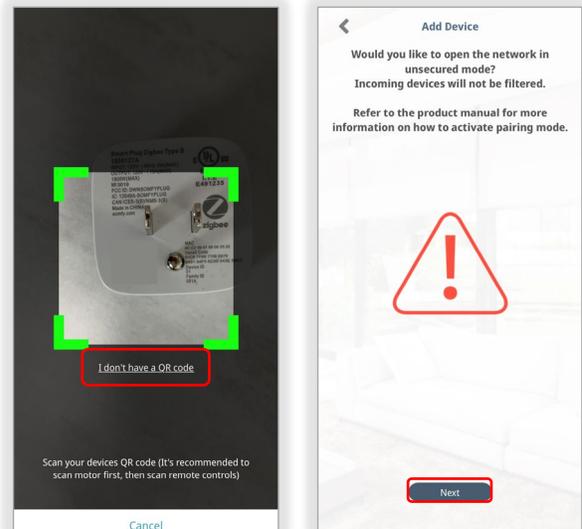
No LED status when pair mode is active

Drapery Motors: PRESS & HOLD the PROGRAMMING BUTTON on the motor head until the motor jogs twice

LED will Flash **RED** when pair mode is active

Smart Plugs: PRESS & HOLD the Button/LED on the front of the plug until the plug LED illuminates solid **RED**, after releasing the button the LED will flash **RED** when pair mode is active

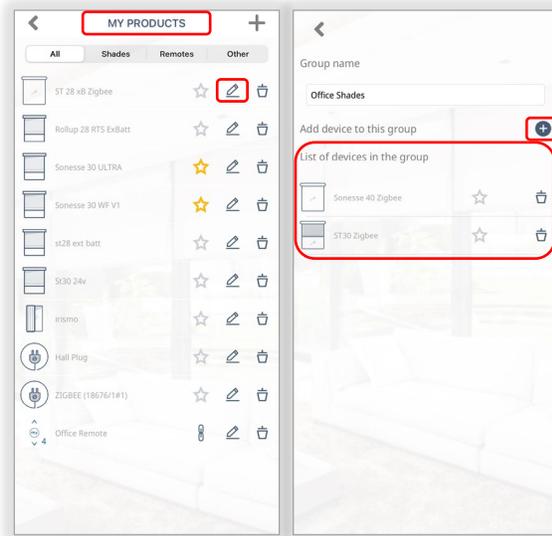
2. SELECT "Next"
3. Please wait until your device is paired, which may take up to 3 minutes
4. Once the device is discovered, ENTER a Name for the device in the text field
5. SELECT "Next"



The device has been added to the TaHoma.

To edit a Zigbee or RTS product, follow the steps below.

1. From the TaHoma app Home Page, SELECT the Menu icon in the bottom right corner
2. SELECT "My Products"
3. SELECT the Pencil icon next to the device to be edited



Personalization Page

- **Name** – SELECT the Pencil icon to change the name of the product
- **Battery level** – Battery percentage (only for Zigbee WireFree motors and Zigbee Remotes)
- **Add device to this group** - SELECT the Plus icon to Add Zigbee device to this group (Only for Zigbee devices)
- **List of devices in the group** – Shows the devices that are currently in the group with options to favorite or delete each device

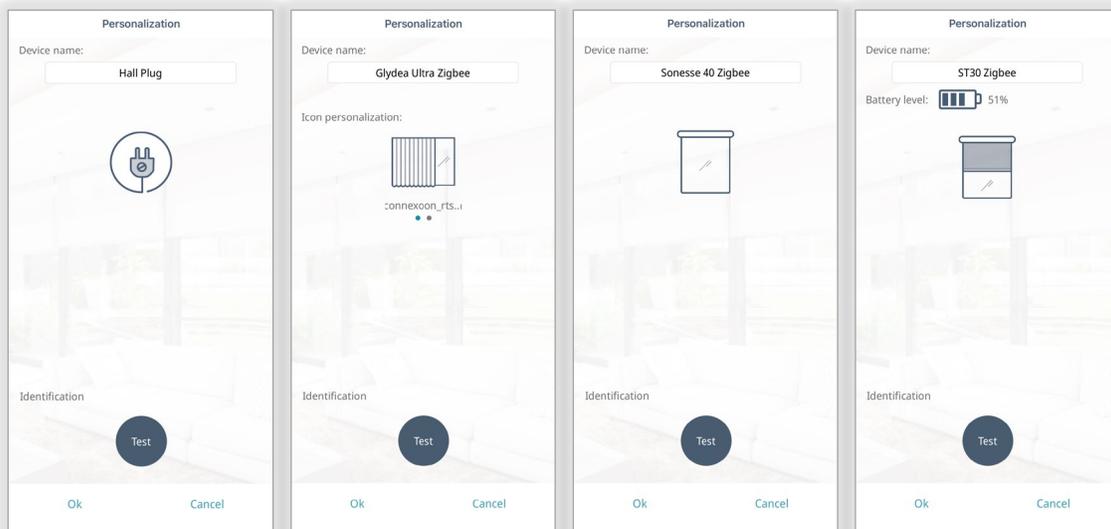
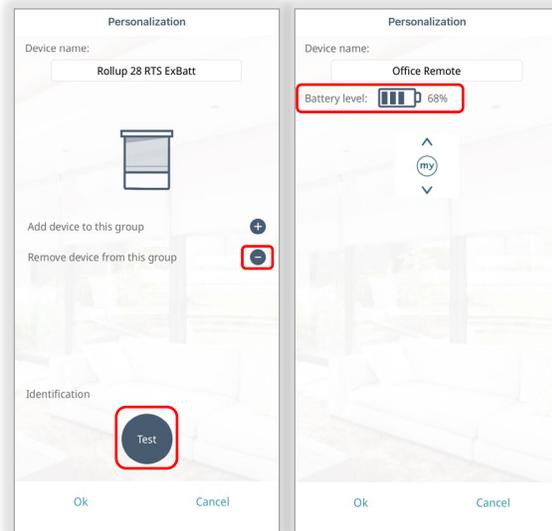
Add device or remove device from group –

SELECT the Plus icon to Add an RTS motor to create a group (Only for RTS motors)

OR

SELECT the Minus icon to remove an RTS motor from this group (Only for RTS motors)

- **Identification** – SELECT "Test" to test the device (not available for Zigbee remote or Zigbee group)



[APPENDIX H] DELETE A ZIGBEE PRODUCT

Follow the steps below to delete a Zigbee product.

1. From the TaHoma app Home Page, SELECT the Menu icon in the bottom right corner
2. SELECT "My Products"
3. SELECT the Trash icon next to the device to be deleted
4. TYPE DELETE in all caps into the text field, SELECT "OK"

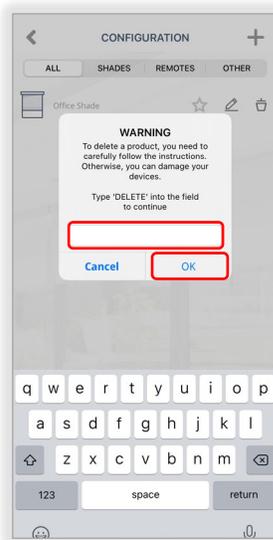
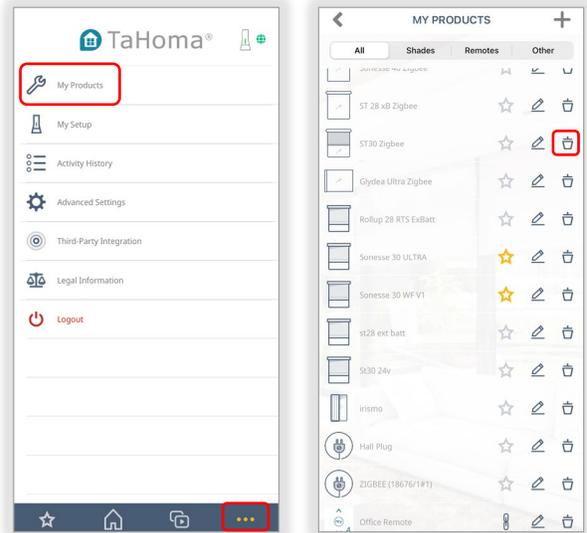
After deleting the following Zigbee devices:

DC Tubular Motors: LED will Flash **AMBER**, Zigbee pair mode active

AC Tubular Motors: No LED status, Zigbee pair mode active

Drapery Motors: LED will Flash **RED**, Zigbee pair mode active

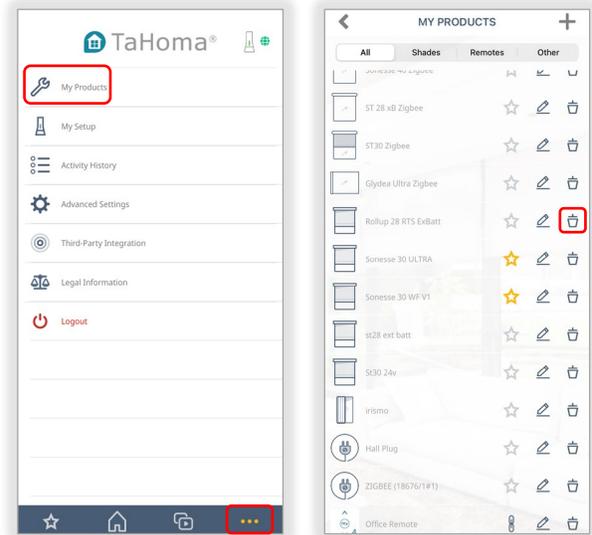
Smart Plugs: LED will flash **RED**, Zigbee pair mode active



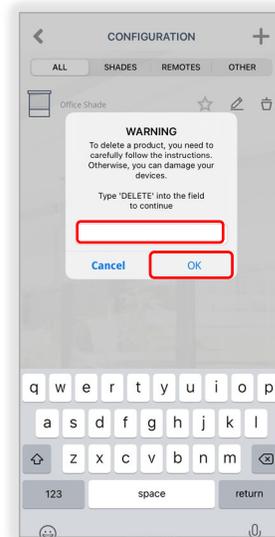
[APPENDIX I] DELETE AN RTS PRODUCT

Follow the steps below to delete an RTS Product.

1. From the TaHoma app Home Page, SELECT the Menu icon in the bottom right corner
2. SELECT "My Products"
3. SELECT the Trash icon next to the RTS Product to be deleted



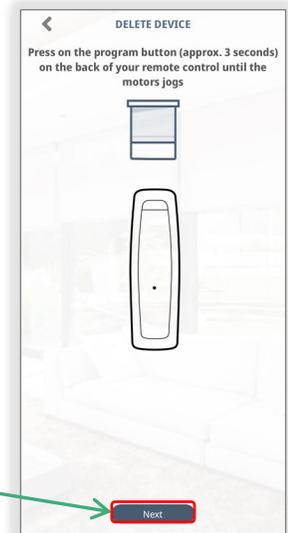
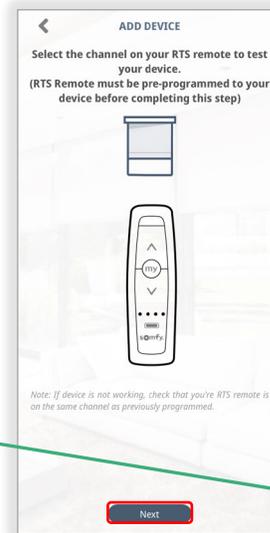
4. TYPE DELETE in all caps into the text field, SELECT "OK"



5. SELECT the channel on the RTS control point to delete from a TaHoma channel, SELECT "Next"
6. PRESS & HOLD the PROGRAMMING BUTTON on the back of the RTS remote until the motor jogs briefly or LED Light Kit blinks slowly

NOTE: Make sure both TaHoma and RTS remote are in range of the motor. If the product does not respond, try again by moving closer to the RTS product. Do not move to the next step until the motor responds.

7. SELECT "Next" – Select "Next" ONLY AFTER the RTS product has responded (motor jog or LED Light Kit slow blinks)

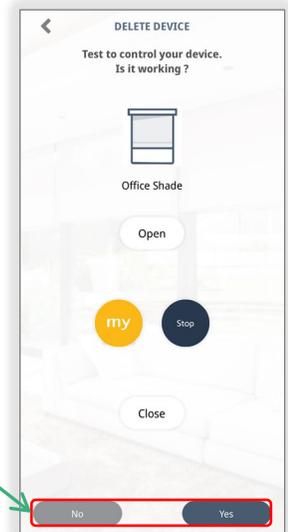
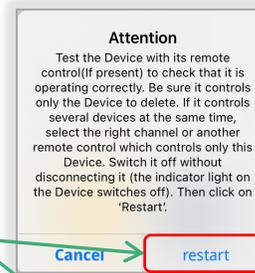


8. TEST to ensure product is non-operational: SELECT "Open" or "Close"

9. SELECT "No" if the RTS motor to be deleted does not operate

OR

SELECT "Yes" if the RTS motor to be deleted does operate, SELECT "restart" and repeat steps 5 to 8



10. SELECT "Finish" to complete the setup

OR

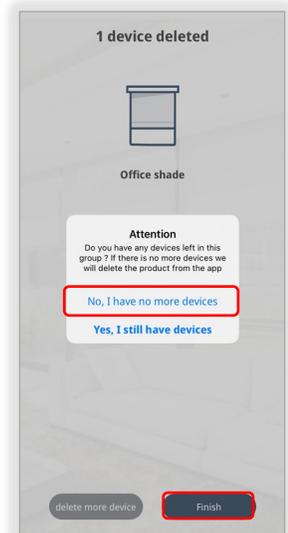
SELECT "delete more devices" to delete another product from the group

11. SELECT "No, I have no more devices"
NOTE: This will remove the TaHoma channel.

OR

SELECT "Yes, I still have devices"
NOTE: This will keep the TaHoma channel in case there are other RTS motors paired on the channel.

The RTS Product has been deleted.



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SOMFY® has been improving everyday life for more than 270 million people by designing and manufacturing intelligent motorization solutions for interior window coverings and exterior solar protections. Somfy innovates to automate and connect shades, blinds, draperies, awnings, rolling shutters, exterior screens & pergolas for commercial and residential buildings in 58 countries across the globe. With 170+ million motors produced over the last half century, Somfy is committed to creating reliable and sustainable solutions that promote the best way of living and well-being for all.

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