INTEGRATION GUIDE

SMARTTHINGS INTEGRATION for TAHOMA® SWITCH



INTEGRATION GUIDE

SMARTTHINGS INTEGRATION for TAHOMA®

VERSION 1.0 | MAY 2025

TABLE OF CONTENTS

I. INTRODUCTION ---------- 3

II. OVERVIEW ---------- 4

RESOURCES & APPLICATIONS

SYSTEM REQUIREMENTS

III. INSTALLATION ---------- 5

BUTTONS & INDICATORS

IV. SYSTEM PREPARATION ---------- 7

SOMFY SYSTEM

SMARTTHINGS SYSTEM

V. SET UP ---------- 7

LINK TAHOMA TO SMARTTHINGS

EDIT TAHOMA DEVICES

CONTROL TAHOMA DEVICES

CREATE ROUTINES

UNLINK TAHOMA FROM SMARTTHINGS

APPENDIX ----------13

AVAILABLE COMMANDS & ACTIONS

I. INTRODUCTION

The Somfy Organization's strength has been demonstrated with 50 years of experience in motorization. As leaders in the shading industry with innovative and modern 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 homeowners, installers, and dealers for achieving complete automation of Zigbee® and Radio Technology Somfy® (RTS) motors with the TaHoma® switch.

What does this Guide contain?

The sections of this guide contain walkthroughs and methods of controlling Zigbee and RTS devices using the TaHoma® switch as the bridge between SmartThings and Smart Shading by Somfy.

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.

II. OVERVIEW

The Somfy TaHoma® switch 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
- Join up to 10 TaHoma switch hubs for multi-zone control (RTS only)
- The TaHoma system supports a maximum of 40 scenes with schedules per install

Each TaHoma switch 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.

Details of this controller and commissioning instructions are available in the Somfy TaHoma switch Programming Guide.

RESOURCES & APPLICATIONS

Visit www.somfypro.com for the following guides:

- Somfy TaHoma pro Dealer Version Programming Guide
- Somfy RTS Pocket Programming Guide

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 TaHoma by Somfy app:

SCAN ME

Visit the Google Play or iOS App Store for the SmartThings app:

Google Play Store

iOS App Store

SYSTEM REQUIREMENTS

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

IOS 11.0+

Android 7.0+

Works with SmartThings

III. INSTALLATION

BUTTONS & INDICATORS

TaHoma® switch #1871037
TaHoma® switch (with ethernet adaptor) #1871038

TOP LED BEHAVIOR:

BLUE
WI-FI SETTING PROCESS

WHITE
WI-FI SEARCH – 2 TIMES
WI-FI LOST – 1 TIME

RED
SCENE STOPPED - SOLID
CONNECTION OUTAGE - BLINKING

OFF
STANDING BY

AMBER
RESTARTING

GREEN
TAHOMA PRO MODE

Scene 1 Button
Control customized scene 1

Stop Button
Stop scene underway

Scene 2 Button
Control customized scene 2



BOTTOM LED BEHAVIOR:

WHITE
POWERED,
CONNECTED TO CLOUD SERVER – SOLID
(CAN BE DEACTIVATED)

RED
POWERED,
NOT CONNECTED TO CLOUD SERVER - SOLID

OFF
NOT POWERED

Micro USB Port
Connect power or Ethernet Adaptor



Reset Button
PRESS & HOLD to reset TaHoma switch

TaHoma® Ethernet Adaptor #1870470
(Sold Separately)
Connect for a wired local area network connection

Micro USB
Connect to TaHoma® switch for power and Ethernet



Ethernet Port
Connect to network router or switch

Micro USB Port
Connect power through Ethernet Adaptor

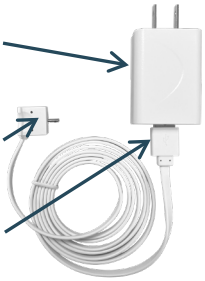
LED BEHAVIOR:
GREEN
ETHERNET CONNECTION
AMBER
DATA TRANSFER

Plug-in Power Supply Required
(Included with TaHoma® switch)
Connect to line-voltage to power TaHoma switch

Power Supply
Plug-in Transformer to line-voltage outlet

Micro USB
Connect power to TaHoma switch

Standard USB
Connect cable to Transformer



Ysia 1 & 5 Zigbee Remotes
Ensure the remote is powered
Pressing any button will illuminate the LED(s)

Ysia 1 Zigbee #1871153
Ysia 5 Zigbee #1871154

Status LED Indicator
Commands and Zigbee network activity

UP Button

MY/STOP Button

DOWN Button

Channel LED Indicator
Show channel selected

Channel Selection Button
Select channel

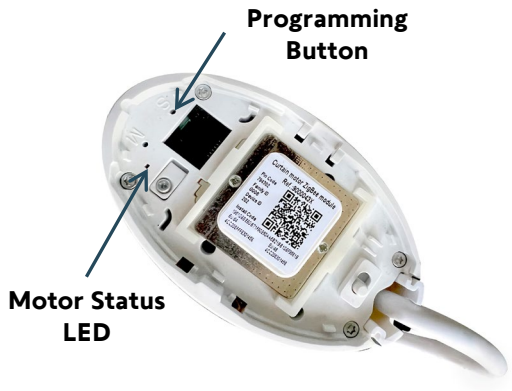
Programming Button
Pair and reset products



BUTTONS & INDICATORS

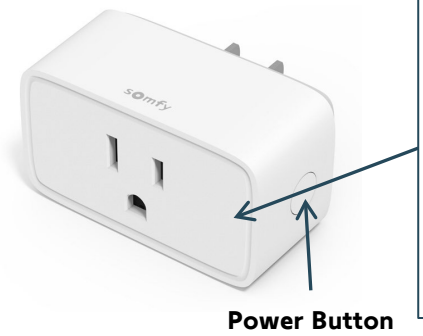
WAKING THE MOTOR:
Ensure the motor has required power available.
Using a small paper clip or similar, BRIEFLY PRESS the Programming Button on the head of the motor
OR
PLUG IN the battery supply/charger.
The motor will jog (briefly move up and down), and the LED will illuminate GREEN for 2 seconds.
The LED will blink AMBER continuously during programming.

DRAPERY MOTOR



Smart Plug Zigbee #1871217

Ensure the Smart Plug is plugged into a properly powered outlet
QR Code and power button are on opposite sides of the plug



LED BEHAVIOR:

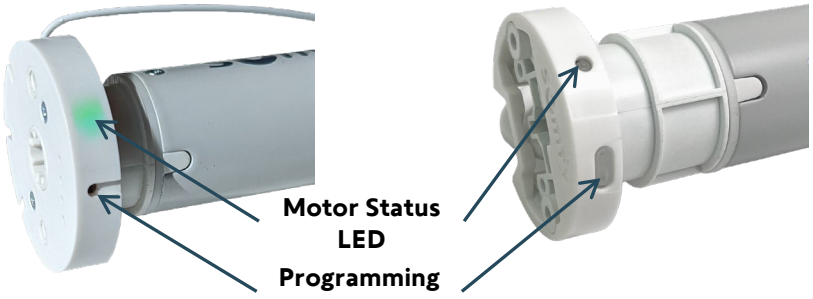
RED
NOT CONNECTED – SOLID 3s
OUTPUT OFF – SOLID

AMBER / GREEN
PAIRING MODE – BLINKING

GREEN
CONNECTED – SOLID 3s
POWERED – SOLID

OFF
NOT PAIRED
NOT POWERED

ROLLER MOTOR



Sonesse® 30 ULTRA WireFree Li-Ion Zigbee shown above (Same for Sonesse® WireFree™ motors)

Sonesse® 30 24V DC Zigbee shown above

MOTOR STATUS LED BEHAVIOR:

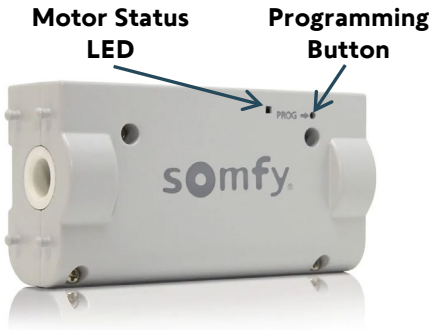
AMBER
MOTOR IS NOT SET
IN SETTING MODE
IN ADJUSTMENT MODE

GREEN
MOTOR IS CHARGING
CONFIRMED SETTING

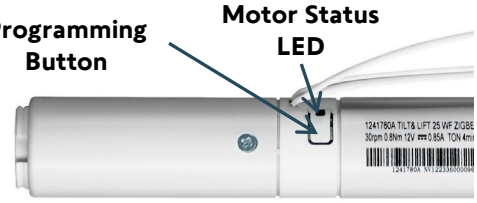
RED
LOW BATTERY CHARGE
THERMAL PROTECTION
IMPOSSIBLE SETTING

OFF
PAIRED AND OPERATIONAL

TILT MOTOR



CORD LIFT MOTOR



IV. SYSTEM PREPARATION

SOMFY SYSTEM

A fully operational TaHoma system is required prior to SmartThings 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 switch hub. Hubs must be placed within 25-35' of the devices they control.

- Confirm with Shade Commissioning Agent that the TaHoma switch firmware is up to date

SMARTTHINGS SYSTEM

A fully operational SmartThings system is required prior to TaHoma integration.

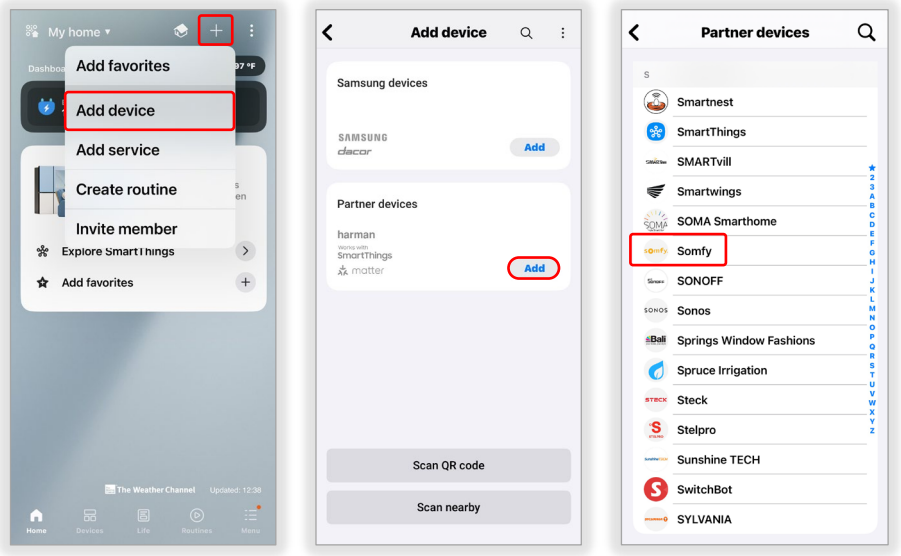
- Confirm that SmartThings is powered on and connected to a network with internet
- Confirm the SmartThings IOS/Android application is up to date
- Must have SmartThings account credentials
- Must have one Samsung SmartThings account per TaHoma system or project

V. SET UP

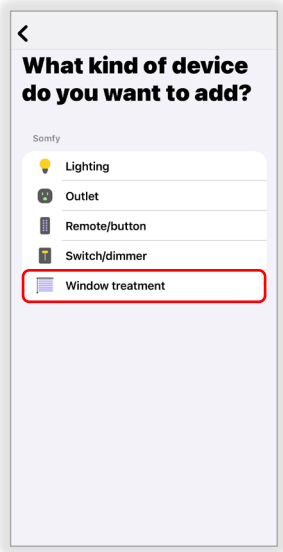
LINK TAHOMA TO SMARTTHINGS

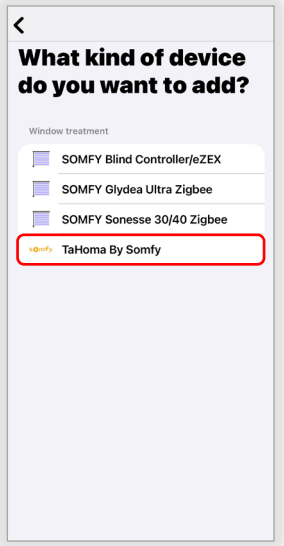
To connect TaHoma to SmartThings from the SmartThings app, follow the steps below.

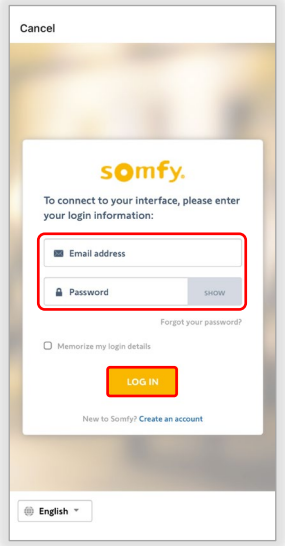
1) From the Home screen, SELECT the "+" icon
2) SELECT "Add device"
3) SELECT "Add" under Partner devices
4) Search or scroll to find Somfy



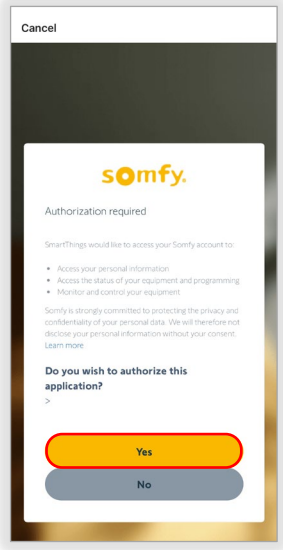
5) SELECT “Window treatment”
6) SELECT “TaHoma By Somfy”
7) ENTER the TaHoma Login credentials used, then SELECT “LOG IN”

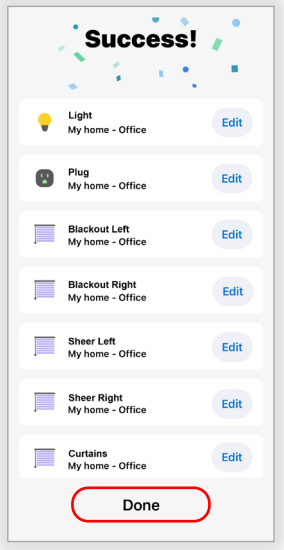






8) SELECT “Yes” to authorize SmartThings access to the Somfy account
9) SELECT “Done”



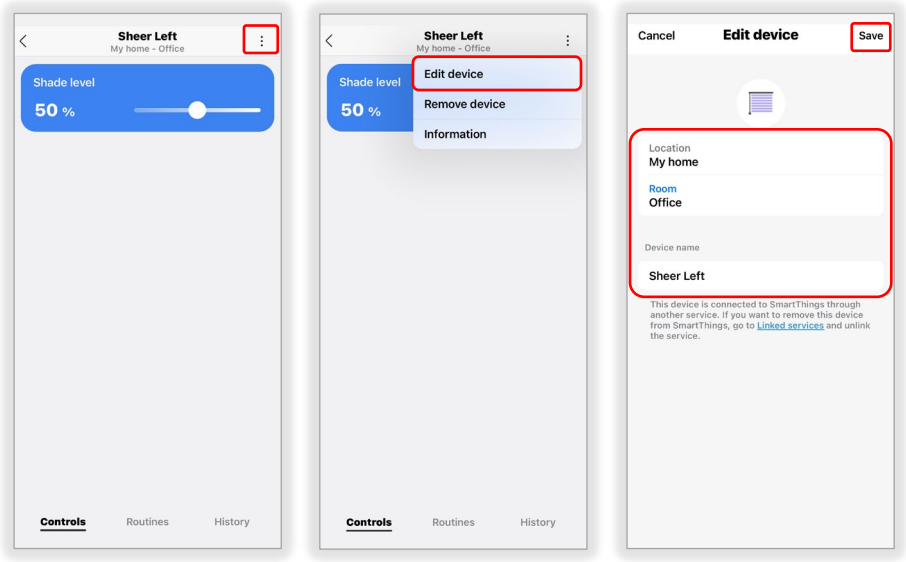


All paired devices in TaHoma will appear in the room initially selected.
To disconnect TaHoma, refer to the Unlink TaHoma from SmartThings section of this Guide.

EDIT TAHOMA DEVICES

To edit TaHoma devices, follow the steps below.

1) From the Devices list, SELECT the Device to edit
2) SELECT the Options icon
3) SELECT "Edit device" to:
   - Change the room where the device is located
   - Change the device name
4) SELECT "Save"

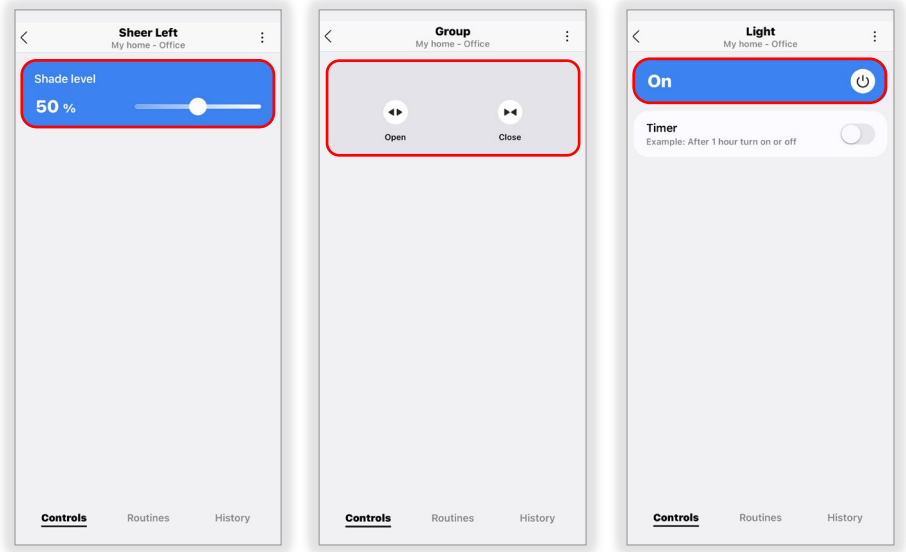


CONTROL TAHOMA DEVICES

To control TaHoma devices, follow the steps below.

1) From the Devices list, SELECT a Device to control
2) SELECT a command to control the device

   Examples: Zigbee Motor percent slider, RTS Motor & Groups Open and Close buttons, and Light & Plug On/Off toggle button



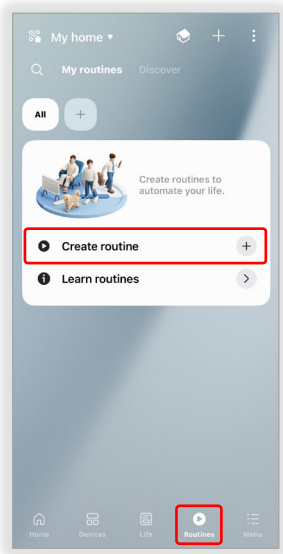
Zigbee Motor | RTS Motor & Groups | Light & Plug

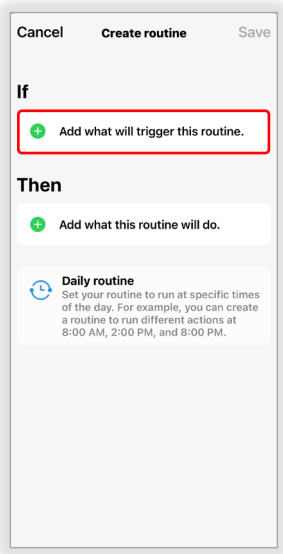
Refer to the Appendix of this guide for the Available Commands & Actions. RTS motors do not report positional feedback. SmartThings does not keep a record of last commands sent for RTS motors. Stop is not an available command.

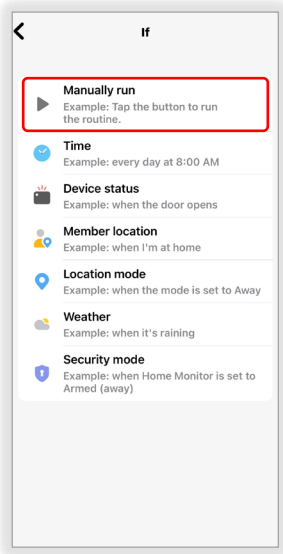
CREATE ROUTINES

Routines allow devices to be controlled based on conditions set such as specific times, days of the week, or when another device is activated (such as detecting motion or mobile presence). To create Routines, follow the steps below.

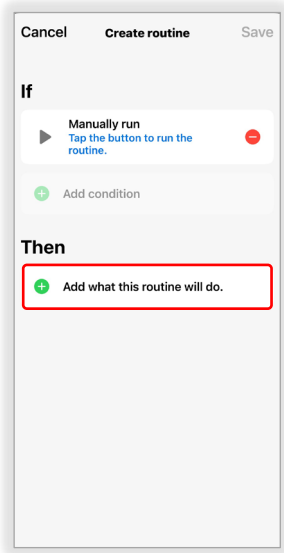
1) SELECT "Routines"
2) SELECT "Create routine +"
3) SELECT "Add what will trigger this routine."
   Example: Routine will be manually run to close the office blackout shades
4) SELECT "Manually run"

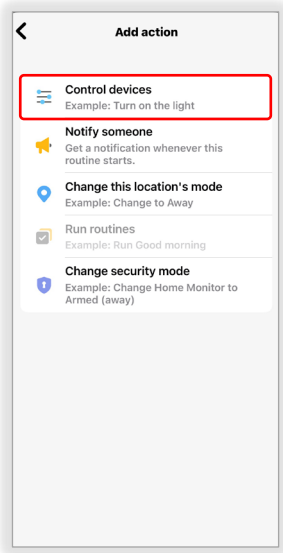


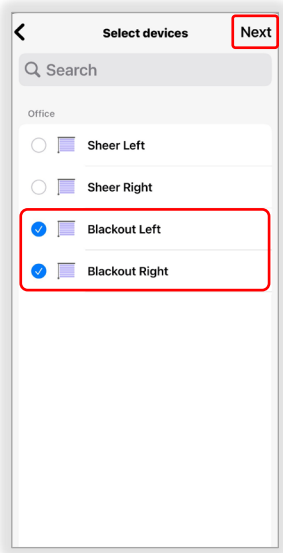




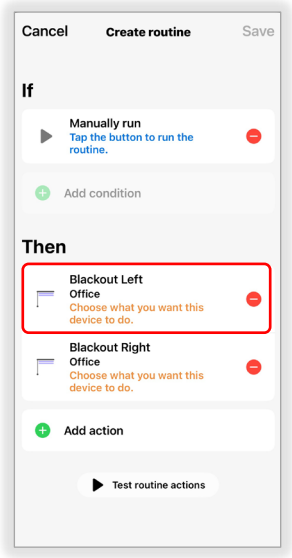
5) SELECT "Add what this routine will do."
6) SELECT "Control devices"
7) SELECT the devices to control
   Example: Blackout Left and Blackout Right in the Office
8) SELECT "Next"

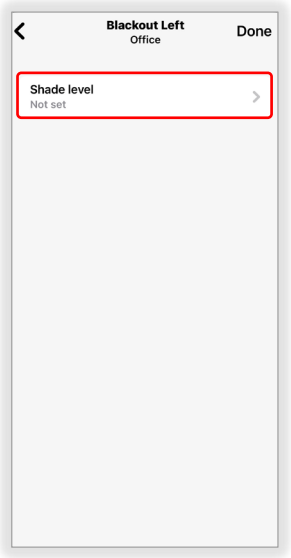


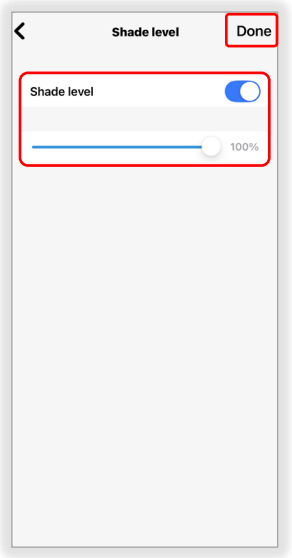




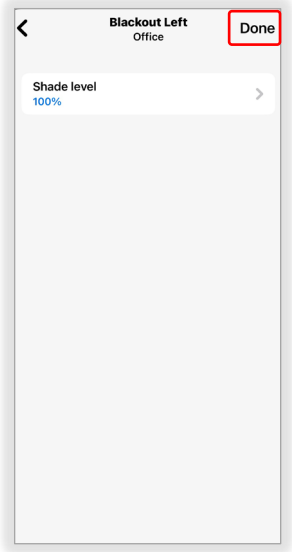
9) SELECT the individual devices to choose what each will do
10) SELECT “Shade level”
11) ENABLE Shade level, then SELECT the desired level
Example: 100% closed
12) SELECT “Done”
Repeat the process for each device

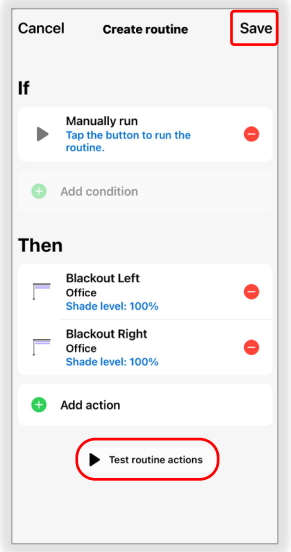


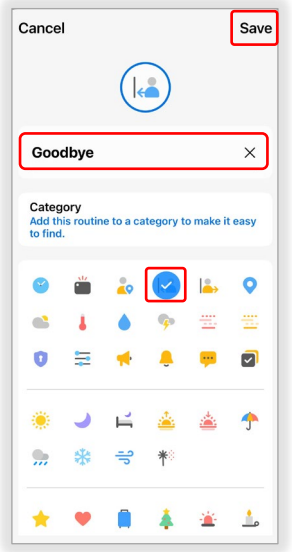




13) SELECT “Done”
14) SELECT “Test routine actions” to validate the actions
15) SELECT “Save”
16) ENTER a routine name
Example: Goodbye
17) SELECT a routine icon
18) SELECT “Save”



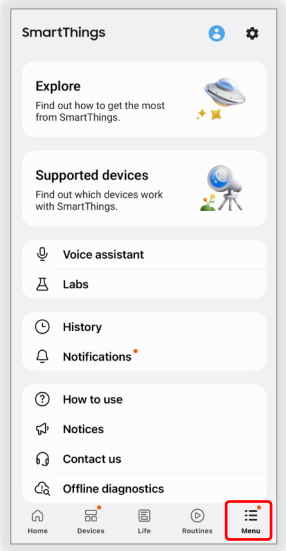


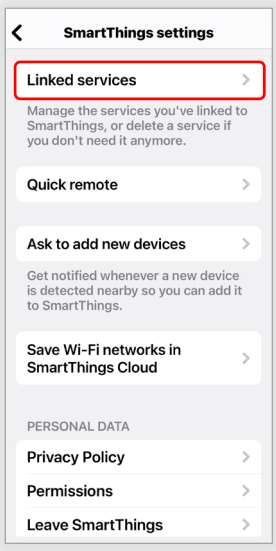


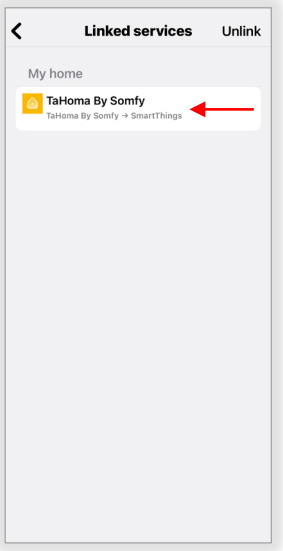
UNLINK TAHOMA FROM SMARTTHINGS

If SmartThings Integration is no longer required, follow the steps below. Unlinking TaHoma from SmartThings will remove all devices. Devices that were part of routines will also be removed. If relinking TaHoma, devices will need to be added back into routines.

1) SELECT "Menu"
2) SELECT "Linked services"
3) SWIPE LEFT on "TaHoma By Somfy"

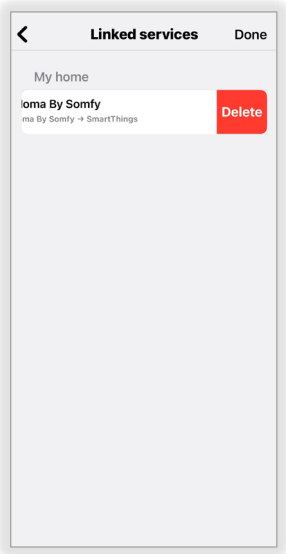






4) SELECT "Delete"
5) SELECT "Unlink" to disconnect the TaHoma integration

   This will remove all TaHoma devices from the Devices list and from the associated routines.





APPENDIX

[APPENDIX] AVAILABLE COMMANDS & ACTIONS

TAHOMA ZIGBEE COMMANDS	
Percent Slider	Moves product to a percent closed (0-100%)
Open	Moves group to the fully open position
Close	Moves group to the fully closed position

TAHOMA ZIGBEE LIGHTING COMMANDS	
Off	Turns power off to lighting device or small appliance
On	Turns power on to lighting device or small appliance

TAHOMA RTS COMMANDS	
Open	Moves product to the fully open position
Close	Moves product to the fully closed position
Off	Turns power off to LED light kit
On	Turns power on to LED light kit

FOR QUESTIONS OR ASSISTANCE PLEASE CONTACT TECHNICAL SUPPORT:

(800) 22-SOMFY (76639)

Get answers to your questions from our Somfy FAQ page: www.somfysystems.com/en-us/support/faq

Follow the steps to access Service & Support.

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SmartThings | somfy®

About Somfy®

For over 50 years, Somfy has been pioneering innovative motorization and automated solutions for window coverings and exterior shading products. With comfort, ease of use, security, and sustainability in mind, our seamless and connected solutions are designed to help people make the move to living spaces impactful for humans and with a reduced impact on nature.

A BRAND OF SOMFY GROUP

Somfy Systems, Inc.
T: (800) 22-SOMFY
www.somfypro.com

New Jersey
121 Herrod Blvd.
Dayton, NJ 08810
T: (609) 395-1300
F: (609) 395-1776

Florida
1200 SW 35th Ave.
Boynton Beach, FL 33426
T: (561) 995-0335
F: (561) 995-7502

California
15301 Barranca Pkwy.
Irvine, CA 92618-2201
T: (949) 727-3510
F: (949) 727-3775

Somfy ULC
T: (800) 66-SOMFY
www.somfypro.ca

Canada
6411 Edwards Blvd.
Mississauga, ON L5T 2P7
T: (905) 564-6446
F: (905) 238-1491