



INTEGRATION for TAHOMA® ZIGBEE & RTS



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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 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® Smartphone and Tablet Interface.

What does this Guide contain?

The sections of this guide contain walkthroughs and methods of controlling Zigbee and RTS devices using the TaHoma® Smartphone and Tablet Interface as the bridge between Amazon Alexa 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

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 install

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.

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

RESOURCES & APPLICATIONS

Visit www.somfypro.com for the following guides:

- [Somfy TaHoma Smartphone and Tablet Interface 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 Somfy TaHoma North America App:



[Google Play Store](#)



[iOS App Store](#)

Visit the Google Play or iOS App Store for the Amazon Alexa 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+



III. INSTALLATION

CONNECTIONS & INDICATORS

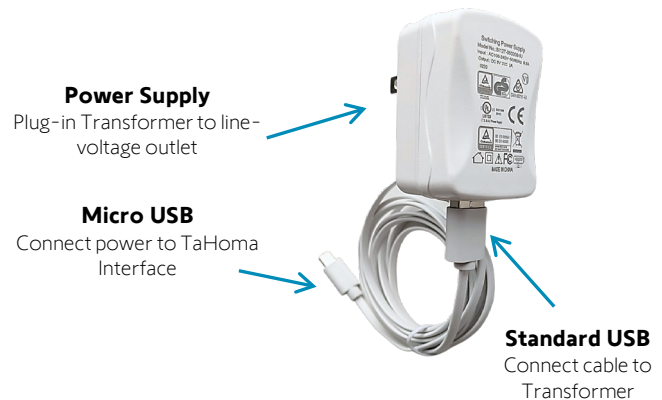
TaHoma® RTS/Zigbee Smartphone and Tablet Interface #1811731 (With base stand included with TaHoma Interface)

REAR

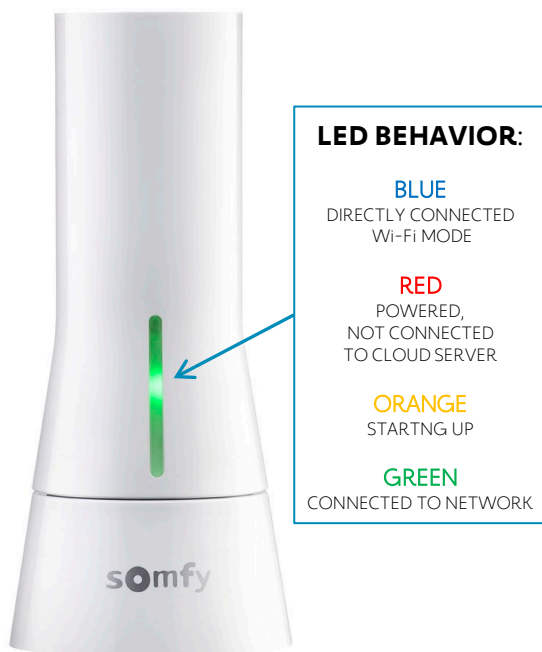


PLUG-IN POWER SUPPLY REQUIRED (Included with TaHoma Interface)

Connect to line-voltage to power TaHoma Interface

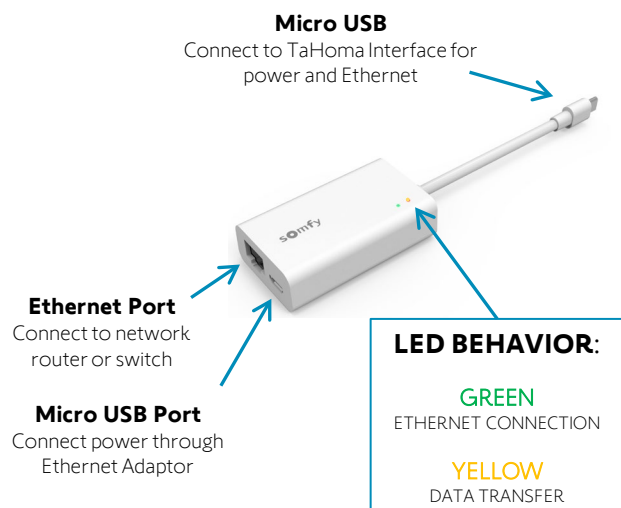


FRONT



TaHoma® Ethernet Adaptor #1870470 (Sold Separately)

Connect for a wired local area network connection



IV. SYSTEM PREPARATION

SOMFY SYSTEM

A fully operational TaHoma system is required prior to Amazon Alexa 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' of the devices they control.

- Confirm with Shade Commissioning Agent that the TaHoma Interface firmware is up to date
 - Must have one Amazon account per TaHoma system or project

Product Compatibility:

Amazon Alexa integration does not support Somfy Zigbee Smart Plug & Repeaters.

AMAZON ALEXA SYSTEM

A fully operational Amazon Alexa system is required prior to TaHoma integration.

- Confirm that Amazon Alexa is powered on and connected to a network with internet
 - Confirm Amazon Alexa IOS/Android application is up to date

V. SET UP

ENABLE SKILL USING TAHOMA APP

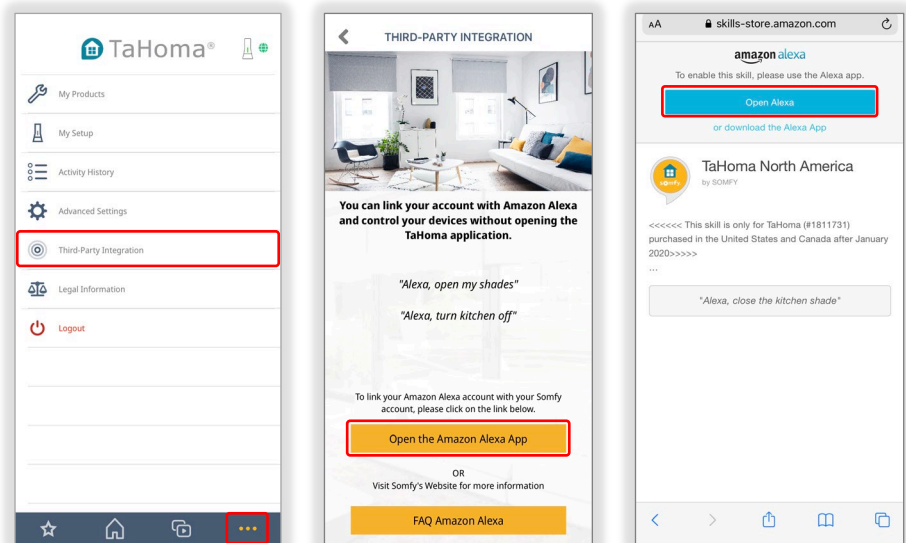
To create and execute Zigbee and RTS shade Routines in Alexa, follow the steps below.

- 1) SELECT "Menu" from the bottom right-hand corner
- 2) SELECT "Third-Party Integration"
- 3) SELECT "Amazon Alexa"
- 4) SELECT "Open the Amazon Alexa App"

NOTE: Depending on the mobile OS, the appropriate app store will open to download the Alexa App.

Install the app, then open the Alexa App, then [go to the "LINK TAHOMA TO ALEXA" section](#).

If already installed, SELECT "Open Alexa" then [go to the "LINK TAHOMA TO ALEXA" section](#).



Follow the steps on the next page.

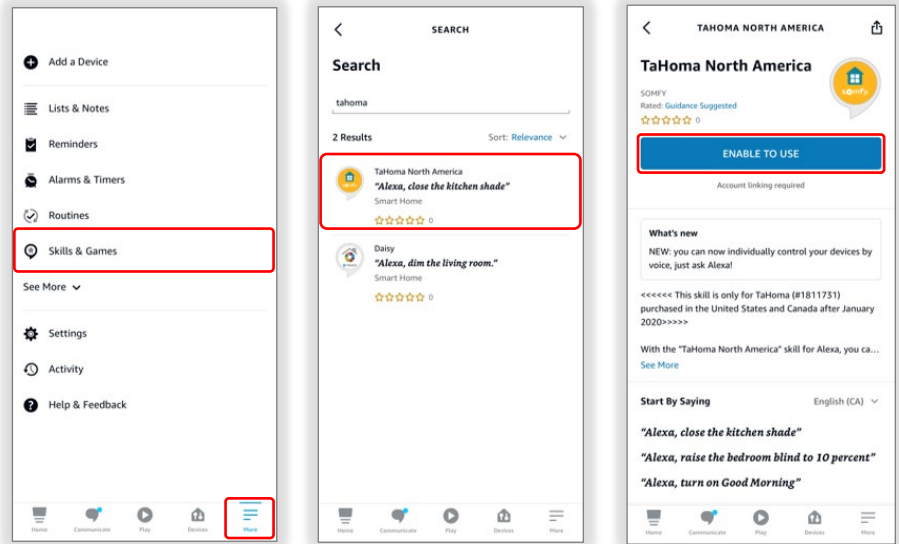
ENABLE SKILL USING ALEXA APP

To create and execute Zigbee and RTS shade Routines in Alexa, follow the steps below.

From the Amazon Alexa App, ensure the correct account is enabled prior to using the skill.

When creating and naming groups in Alexa, refrain from using the same name as the shades.

- 1) SELECT "More" from the bottom right-hand corner
- 2) SELECT "Skills & Games" from the "More" menu
- 3) ENTER "Somfy" or "TaHoma" in the Search field
- 4) SELECT "TaHoma North America"
- 5) SELECT "ENABLE TO USE"

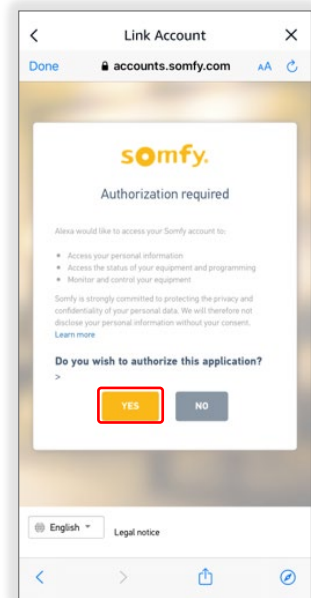
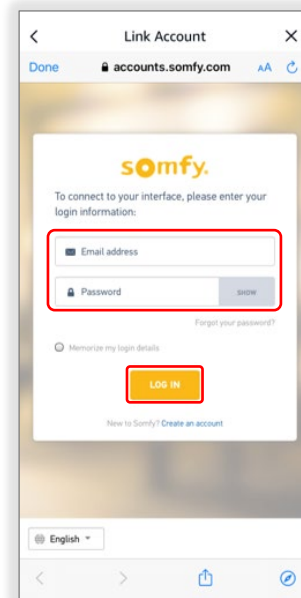


Follow the steps on the next page.

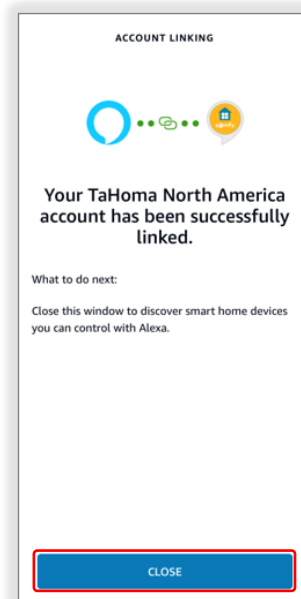
LINK TAHOMA TO ALEXA

To link TaHoma to Alexa, follow the steps below.

- 1) ENTER TaHoma Login credentials previously used to register during TaHoma programming
- 2) SELECT "LOG IN"
- 3) SELECT "YES" to authorize Alexa to access the Somfy account



- 4) SELECT "CLOSE"



DISCOVER DEVICES

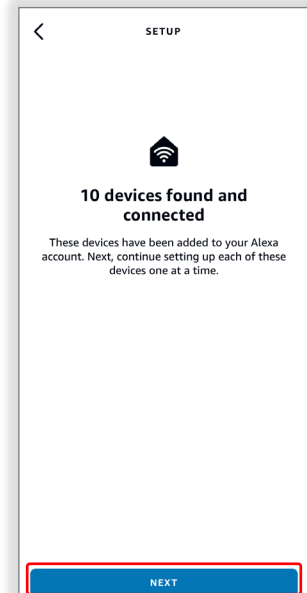
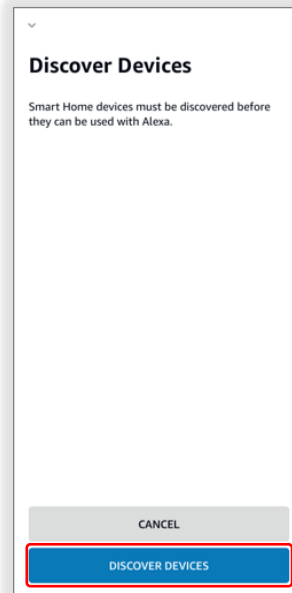
To discover Zigbee and RTS devices in Amazon Alexa, follow the steps below.

NOTE: Amazon Alexa integration to TaHoma does not support Somfy Zigbee Smart Plug & Repeaters.

- 1) SELECT "DISCOVER DEVICES"

Alexa will discover all devices attached to the TaHoma account

- 2) SELECT "NEXT"



SET UP RTS DEVICES

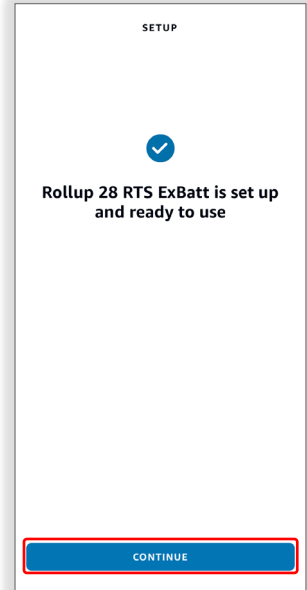
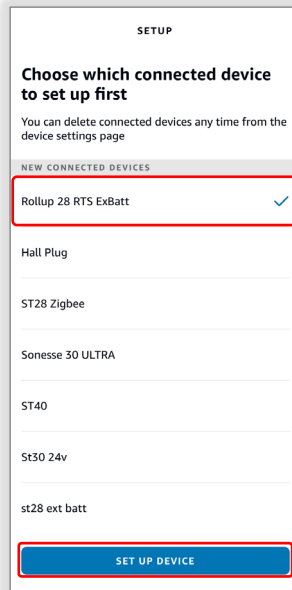
To set up RTS devices in Amazon Alexa, follow the steps below.

- 1) SELECT the device to set up

- 2) SELECT "SET UP DEVICE"

- 3) SELECT "CONTINUE"

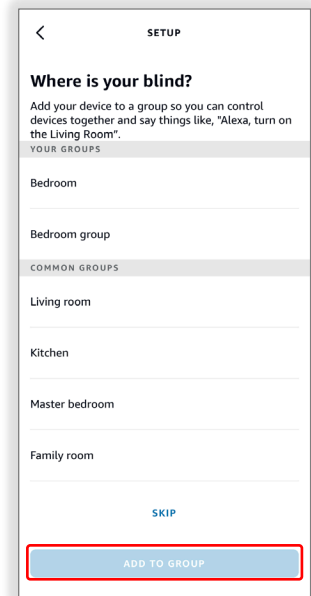
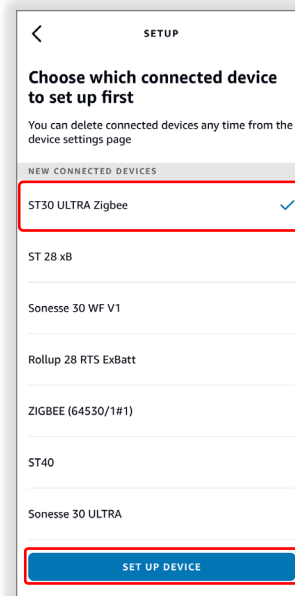
Repeat the above steps for each RTS device



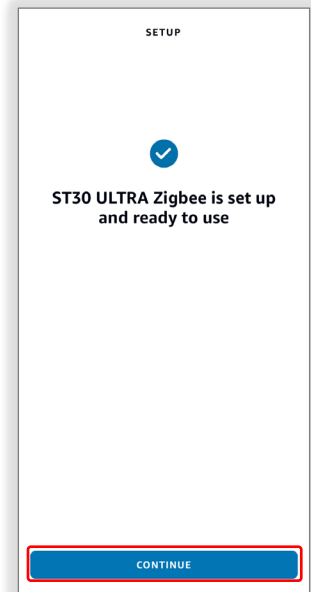
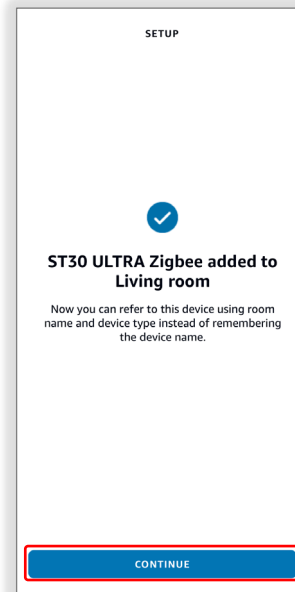
SET UP ZIGBEE DEVICES

To set up Zigbee devices in Amazon Alexa, follow the steps below.

- 1) SELECT the Zigbee device to set up
- 2) SELECT "SET UP DEVICE"
- 3) SELECT a group to add the device to
- 4) SELECT "ADD TO GROUP"
To create groups at a later time, SELECT "SKIP" then, go to step 6



- 5) SELECT "CONTINUE"
- 6) SELECT "CONTINUE"
Repeat the above steps for each Zigbee device

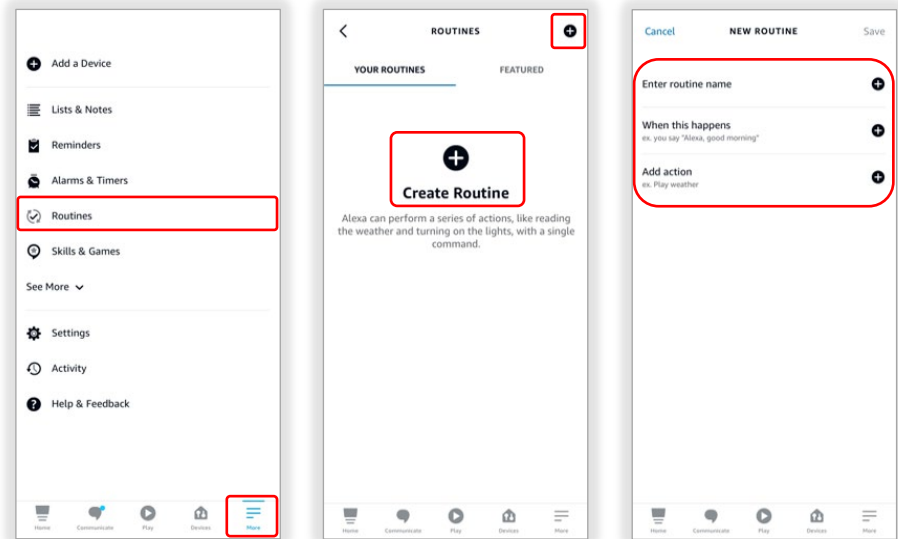


CREATE ROUTINES IN ALEXA

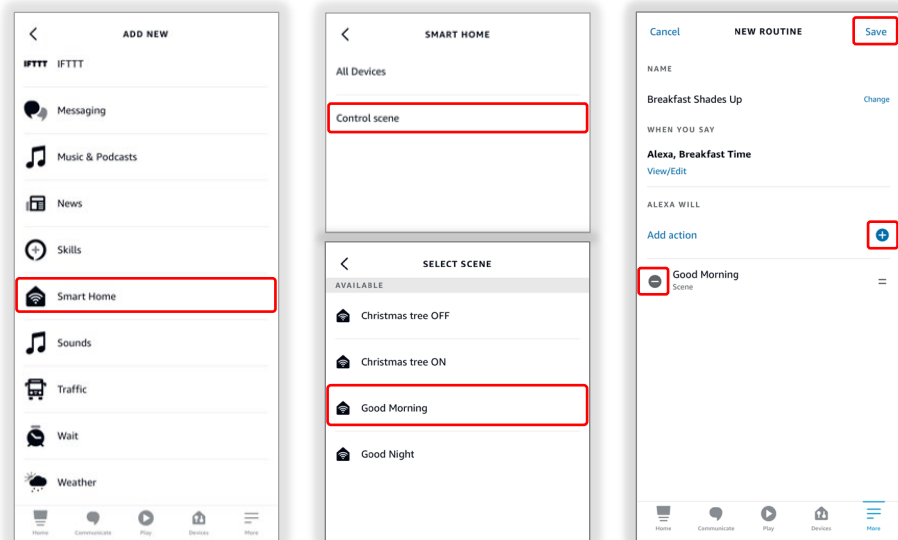
Routines are series of actions from one or more devices triggered by a single voice command, by time of day, or by other devices or sensors.

To create routines, follow the steps below.

- 1) SELECT "More" from the bottom right corner
- 2) SELECT "Routines"
- 3) SELECT "Create Routine" or the "+" icon from the top right corner
- 4) Enter the Routine Name, SELECT "Next"
Example: "Breakfast Shades Up"
- 5) SELECT "When this happens"
Example: SELECT "Voice," TYPE "Breakfast Time," then SELECT "Next"
- 6) SELECT "Add action"



- 7) SELECT "Smart Home"
There are two actions to choose from:
 - "All Devices" allows open or close commands for the selected devices
 - "Control scene" allows scenes created in the TaHoma App to be selected
- 8) SELECT "Control scene"
- 9) SELECT "Good Morning"
- 10) SELECT the "+" icon to add another action or SELECT the "-" icon to remove the action
- 11) SELECT "Save" when complete

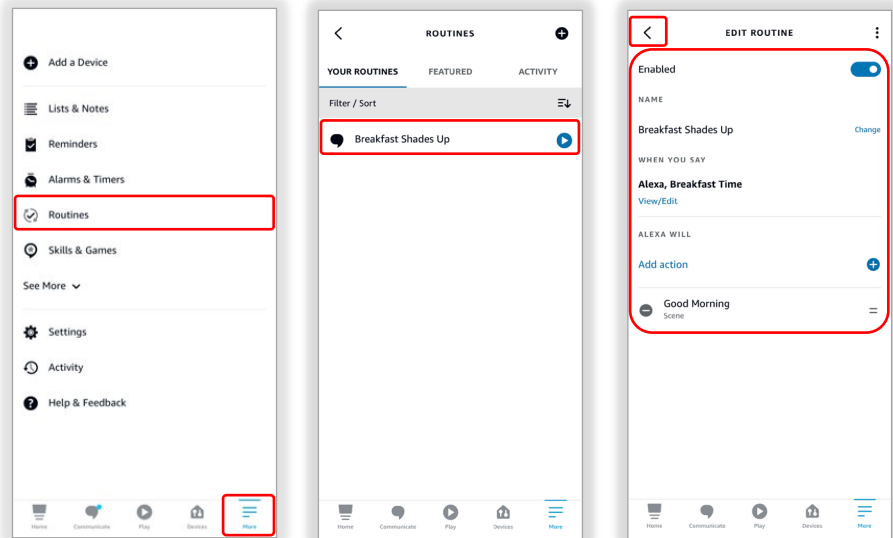


It may take up to 1 minute for voice routines to be ready to use.

EDIT ROUTINES IN ALEXA

To edit a routine in Alexa, follow the steps below.

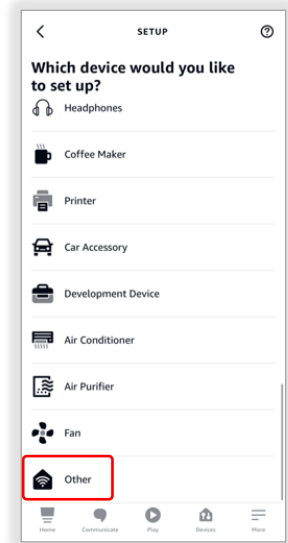
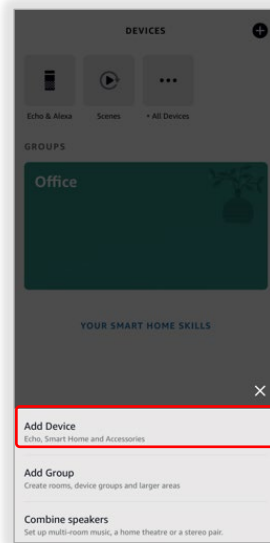
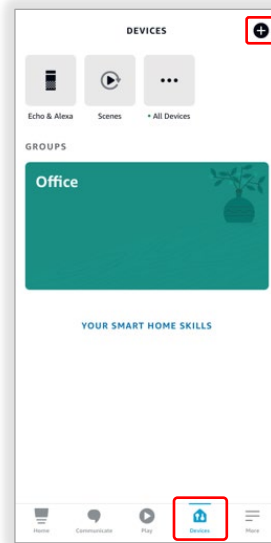
- 1) SELECT "More" from the bottom right corner
- 2) SELECT "Routines"
- 3) SELECT the routine to edit
 - Edit "Name"
 - Edit "When you say"
 - Edit "Alexa will"
 - Edit "Add action"
- 4) SELECT the back arrow when complete



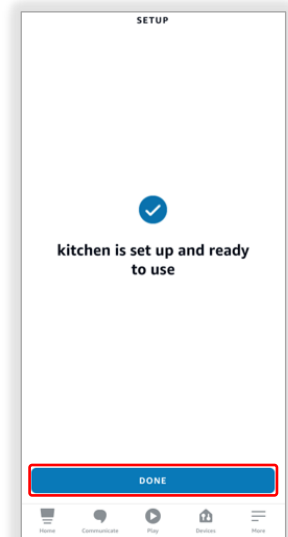
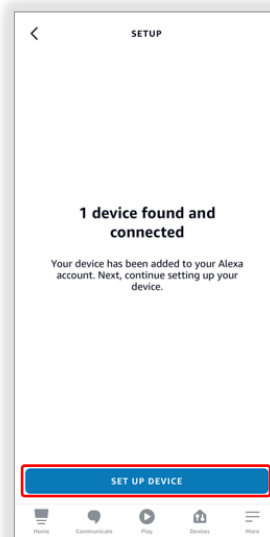
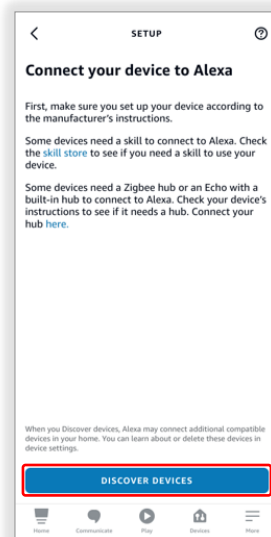
DISCOVER DEVICES IN ALEXA

If a new or a previously deleted Zigbee or RTS device needs to be added to Alexa, follow the steps below.

- 1) SELECT "Devices" from the bottom navigation bar
- 2) SELECT the "+" icon
- 3) SELECT "Add Device"
- 4) SCROLL and SELECT "Other"



- 5) SELECT "DISCOVER DEVICES"
- Alexa will search for devices to connect
(This may take up to 45 seconds)*
- 6) SELECT "SET UP DEVICE"
- 7) SELECT "DONE"

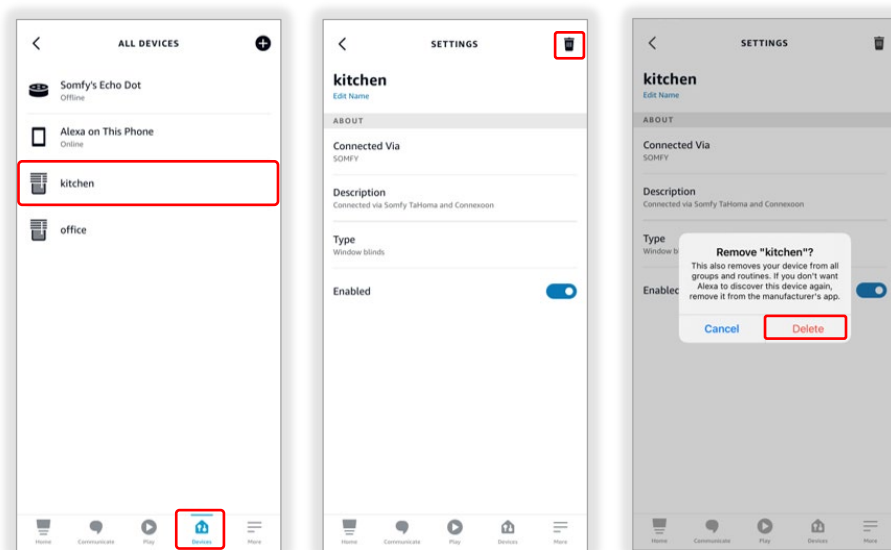


DELETE DEVICES OR SCENES IN ALEXA

If a Zigbee or RTS device or a scene is no longer required to be triggered by Alexa, follow the steps below.

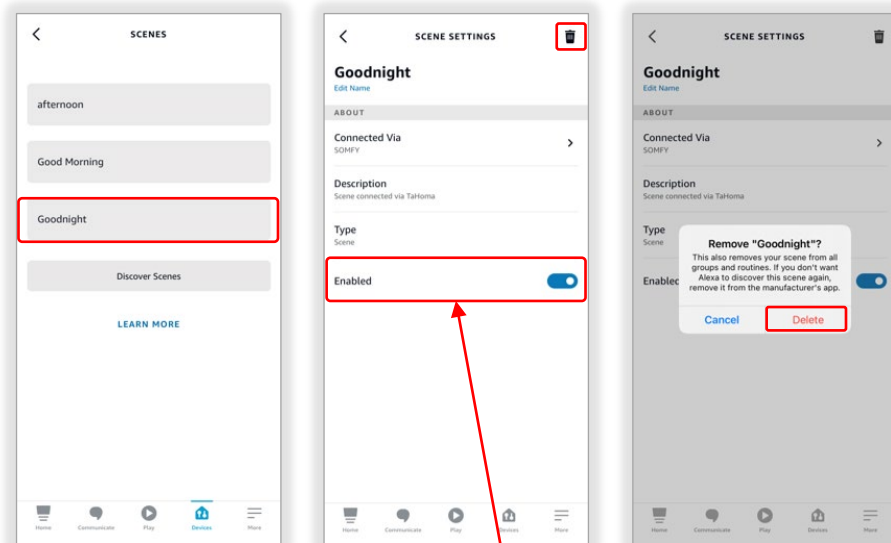
Delete a device

- 1) SELECT "Devices" from the bottom navigation bar
- 2) SELECT "All Devices"
- 3) SELECT the device to be deleted
Example: "Kitchen"
- 4) SELECT the Trash Bin icon in the top right corner
- 5) SELECT "Delete" to confirm



Delete a scene

- 1) SELECT "Devices" from the bottom navigation bar
- 2) SELECT "Scenes"
- 3) SELECT the Scene to be deleted
Example: "Goodnight"
- 4) SELECT the Trash Bin icon in the top right corner
- 5) SELECT "Delete" to confirm



NOTE: To disable Alexa voice commands for a Device or Scene, TOGGLE the "Enabled" switch to the OFF position for that Device or Scene.

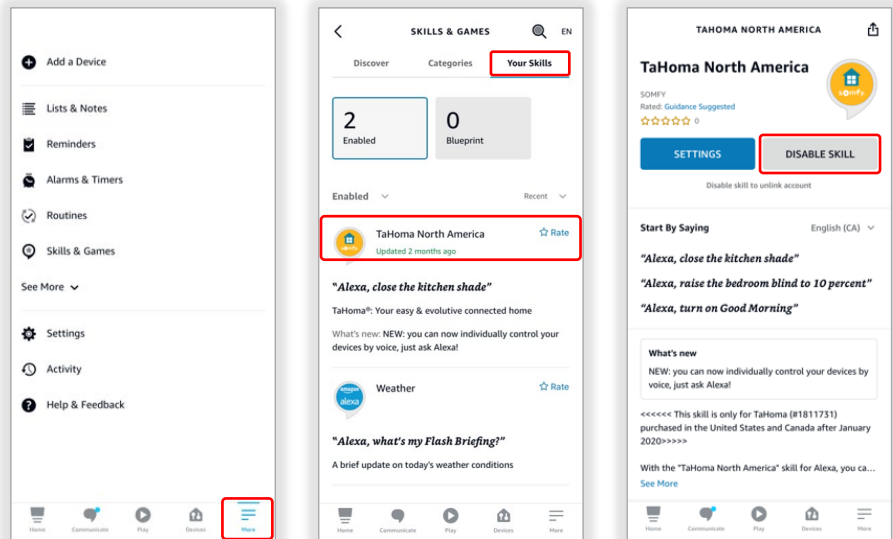
The Device or Scene is now deleted.

To rediscover the deleted Devices or Scenes, [refer to the DISCOVER DEVICES IN ALEXA section](#) of this guide.

DISABLE SKILLS IN ALEXA

When disabling *TaHoma North America Skill*, Alexa will no longer recognize any Zigbee or RTS shades, scenes, or routines associated with *TaHoma*. To disable skills in Alexa, follow the steps below.

- 1) SELECT "More" from the bottom right corner
- 2) SELECT "Skills & Games"
- 3) SELECT "Your Skills"
- 4) SELECT "TaHoma North America"
- 5) SELECT "DISABLE SKILL"



APPENDIX

[APPENDIX A] AVAILABLE COMMANDS & ACTIONS



WINDOW COVERINGS (interior and exterior blinds, drapery, screens, and rolling shutters)	
VOICE COMMANDS	
Open/Raise	"Alexa, open the bedroom blinds" or "Alexa, raise the bedroom blinds"
Close/Lower	"Alexa, close the bedroom blinds" or "Alexa, lower the bedroom blinds"



SCENE COMMANDS	
VOICE COMMANDS	
ON	"Alexa, turn on Good Morning" or "Alexa, turn on Everything Up"
Scene names can be found in the TaHoma app. Create new scenes or rename existing ones to perfect the experience with Amazon Alexa.	



GROUP COMMANDS	
VOICE COMMANDS	
Open	"Alexa, open Bedroom Group" or "Alexa, open kitchen"
Close	"Alexa, close Bedroom Group" or "Alexa, close kitchen"
Groups can be created in the Alexa App. More information is available at http://tinyurl.com/alexa-smart-home-groups	



TAHOMA ZIGBEE COMMANDS	
BUTTON PRESS COMMANDS	
Percent Slider	Moves blind to a percent openness (0-100%)
VOICE COMMANDS	
Open/Raise/Close by specific value	"Alexa, open the <device name> halfway" "Alexa, close the <device name> by 20%" "Alexa, raise the <device name> by 50%"
Open/Lower/Set to a specific value	"Alexa, open the <device name> to 30%" "Alexa, lower the <device name> to 20%" "Alexa, set the <device name> to 60%"

ABOUT SOMFY

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.

FOR QUESTIONS OR ASSISTANCE PLEASE CONTACT TECHNICAL SUPPORT:

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