brilliant

INTEGRATION for
TAHOMA® ZIGBEE & RTS

somfy.

TABLE OF CONTENTS

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 Brilliant 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 Brilliant 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

SYSTEM REQUIREMENTS

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

IOS 11.0+

Android 7.0+

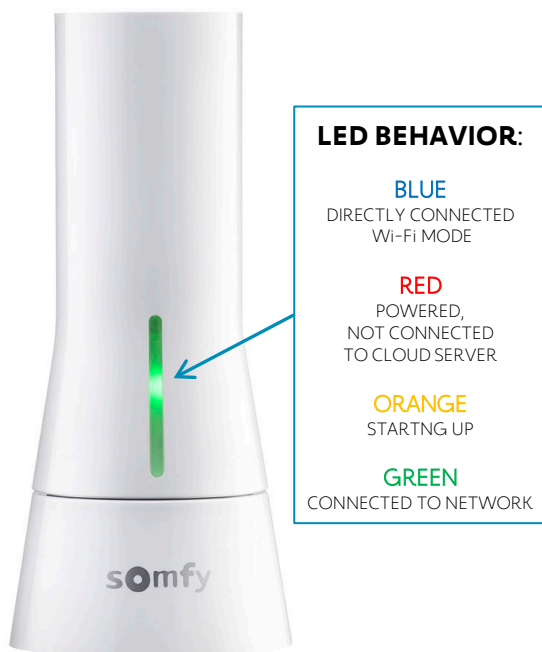**brilliant**
SMART HOME SYSTEM

III. INSTALLATION

CONNECTIONS & INDICATORS

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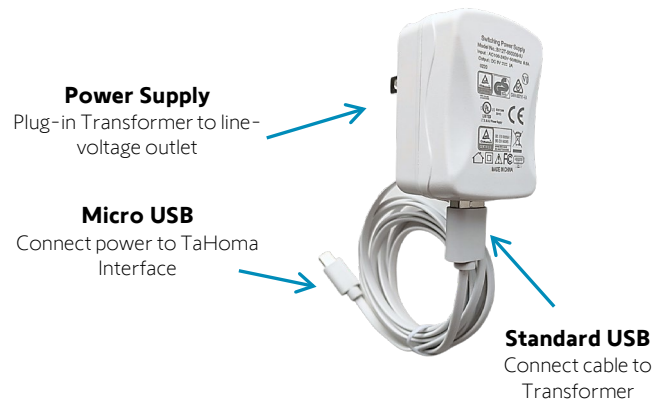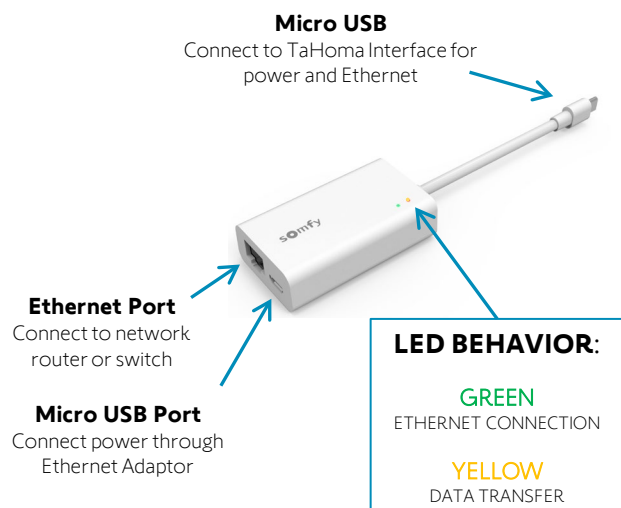#1811731 (With base stand included with TaHoma Interface)**

REAR

Configuration Button
Press to enter Wi-Fi Mode
for set up

Micro USB Port
Connect power or
Ethernet Adaptor

FRONT

LED BEHAVIOR:

BLUE
DIRECTLY CONNECTED
Wi-Fi MODE

RED
POWERED,
NOT CONNECTED
TO CLOUD SERVER

ORANGE
STARTNG UP

GREEN
CONNECTED TO NETWORK

PLUG-IN POWER SUPPLY REQUIRED
(Included with TaHoma Interface)
Connect to line-voltage to power TaHoma Interface

Power Supply
Plug-in Transformer to line-
voltage outlet

Micro USB
Connect power to TaHoma
Interface

Standard USB
Connect cable to
Transformer

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

Micro USB
Connect to TaHoma Interface 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

YELLOW
DATA TRANSFER

IV. SYSTEM PREPARATION

*A fully operational TaHoma system is required prior to Brilliant 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 25-35' of the devices they control.*

- Confirm with the Shade Commissioning Agent that the TaHoma Interface firmware is up to date
- An Integration Report is generated in the TaHoma App which will include the TaHoma Interface PIN and IP address
- Ensure that a DHCP Reservation via MAC Address of the TaHoma Interface is being used
- Third-Party Integration must first be enabled in the TaHoma App (see Appendix A)

B R I L L I A N T   S Y S T E M

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

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

V. SET UP
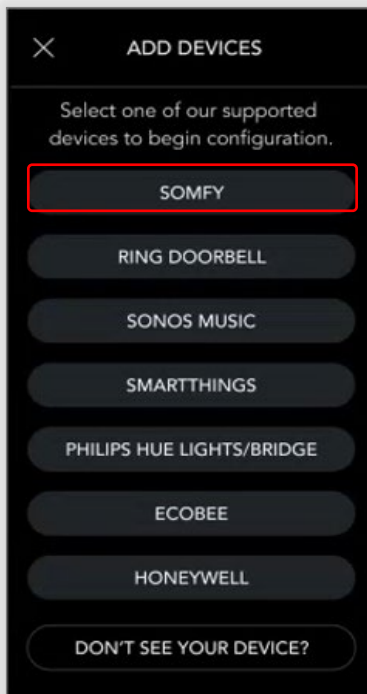
L I N K   T A H O M A   T O   B R I L L I A N T

To link TaHoma to the Brilliant Control, follow the steps below.

From the Brilliant Control screen:
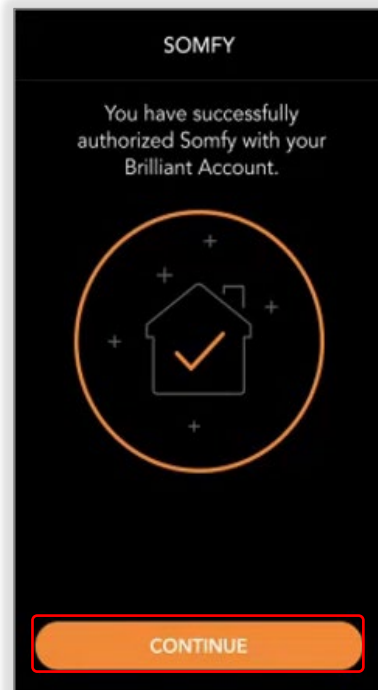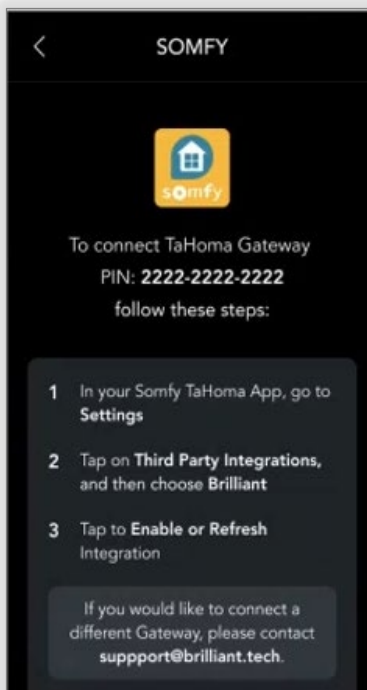
1) SELECT "Add Device" on the bottom tray
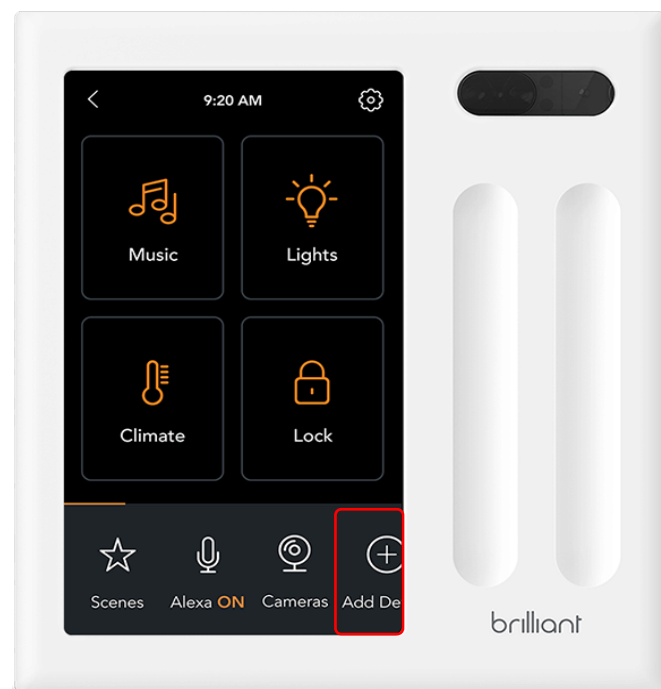
2) SELECT "SOMFY"

3) SELECT "CONTINUE" to link accounts
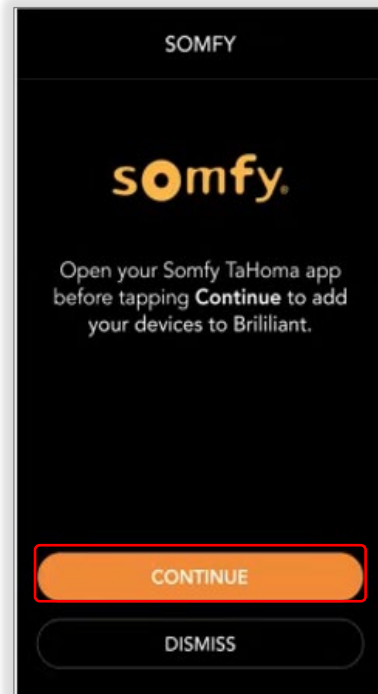
4) FOLLOW the on-screen instructions to enable Third-Party Integration

See Appendix A of this guide for Third-Party Integration instructions

5) SELECT "CONTINUE"

ADD DEVICES

To add discovered Somfy devices to rooms, follow the steps below.

1) SELECT "SELECT ALL," or SELECT the individual Somfy devices to be added
2) SELECT "CONTINUE"
3) SELECT a Room to add the Somfy devices, or SELECT "ADD NEW ROOM"
4) SELECT "CONTINUE"
5) SELECT "OK"
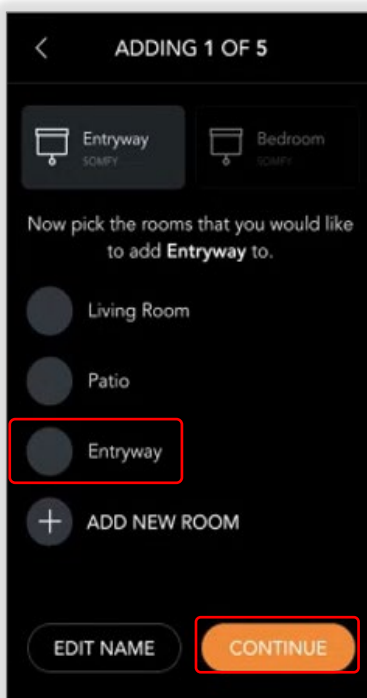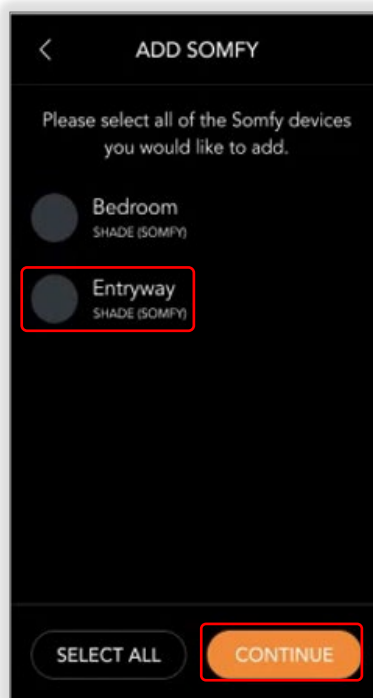
To operate a device, follow the steps below.
Brilliant Control does not keep a record of the last commands sent for Somfy RTS motors.
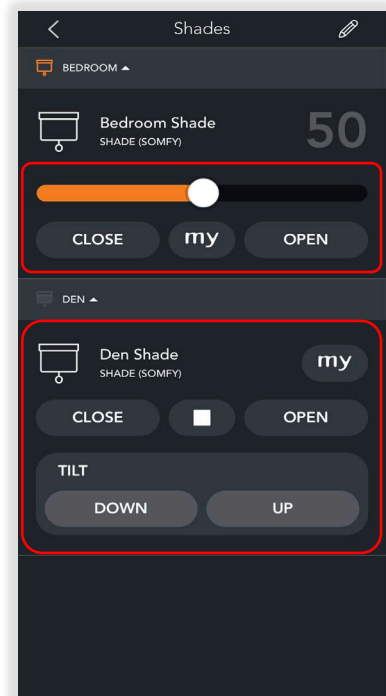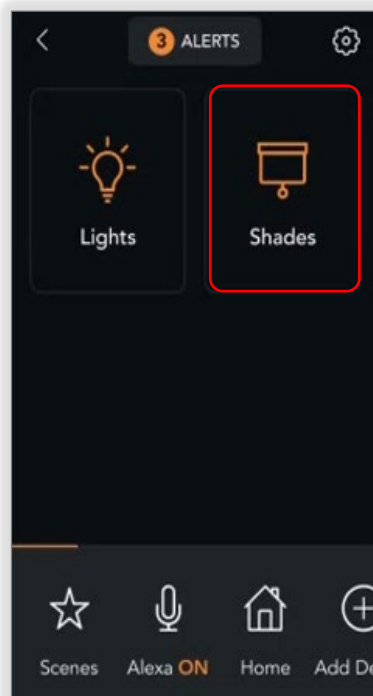*See Appendix B of this guide for a list of Somfy TaHoma specific commands and actions.*

To control shades:

1) SELECT "Shades"

2) SELECT a Command to operate the device

Zigbee Shade: Use the slider to send to percentage positions, or use the CLOSE/MY/OPEN commands to control the shade.
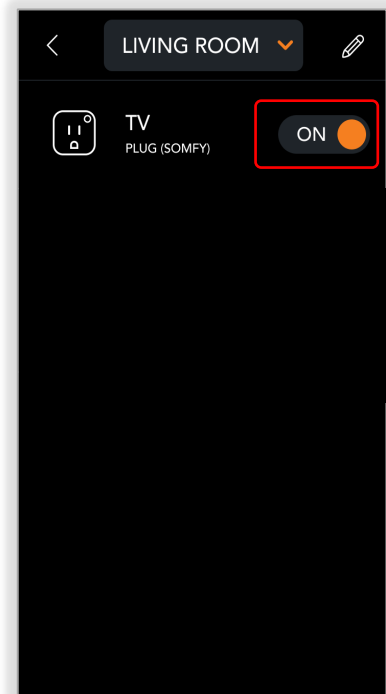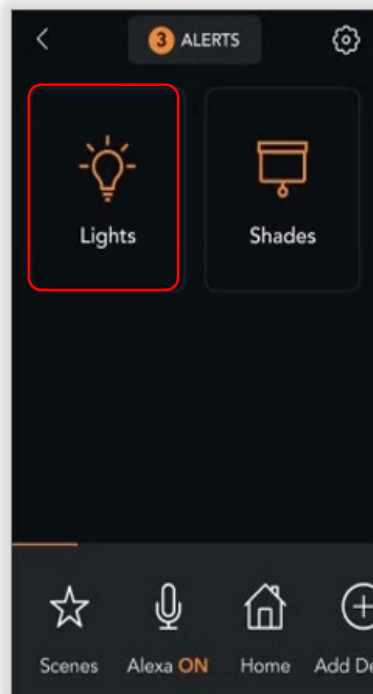
RTS Shade: Use the CLOSE/MY/OPEN commands to control the shade. Note: Tilt commands are only available for tilt blinds.

To control Smart Plugs:

1) SELECT "Lights"

2) SELECT a Command to operate the device

CREATE SCENES

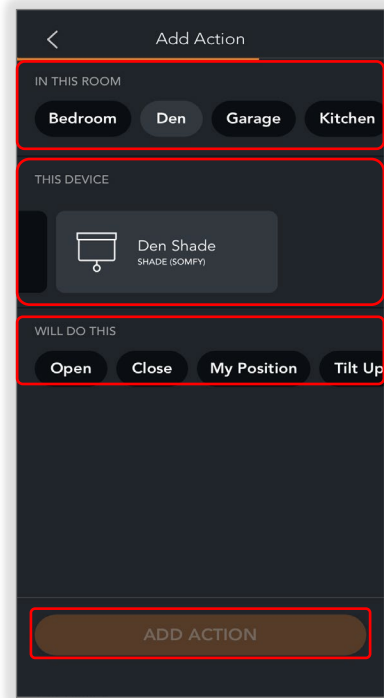*To create scenes, follow the steps below.*
*See Appendix B of this guide for a list of Somfy TaHoma specific commands and actions.*

1) SELECT "Scenes" on the bottom tray

2) SELECT "CREATE SCENE"

3) SELECT the Pencil icon to change the scene image

4) TYPE a name for the scene
   Example: Good Morning

5) SELECT "NEXT"

6) SELECT "ADD NEW ACTION"
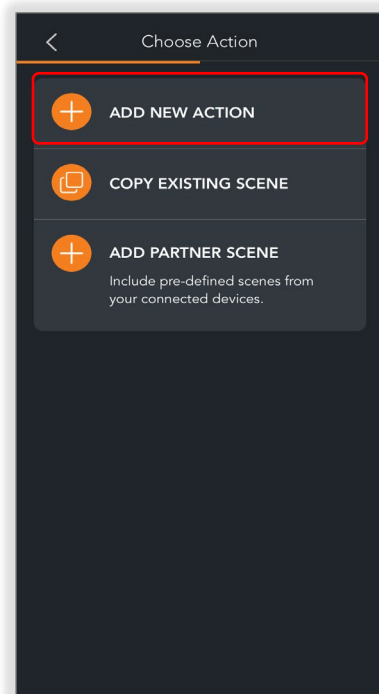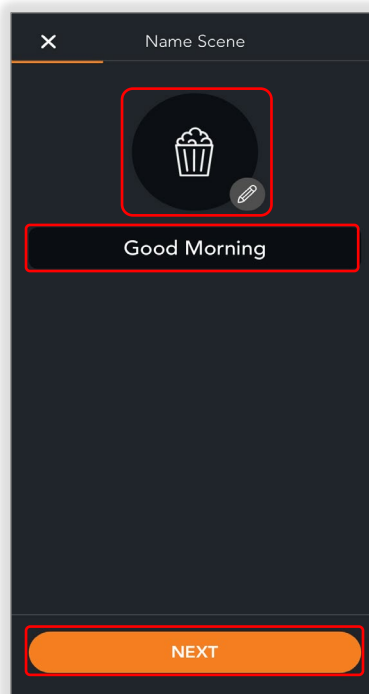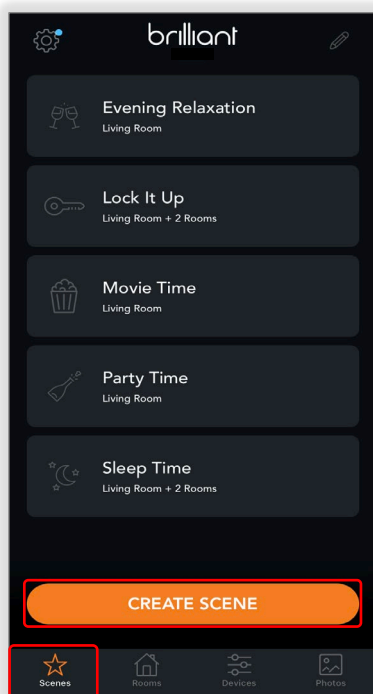
7) SELECT a Room

8) SELECT a Device

9) SELECT a Command

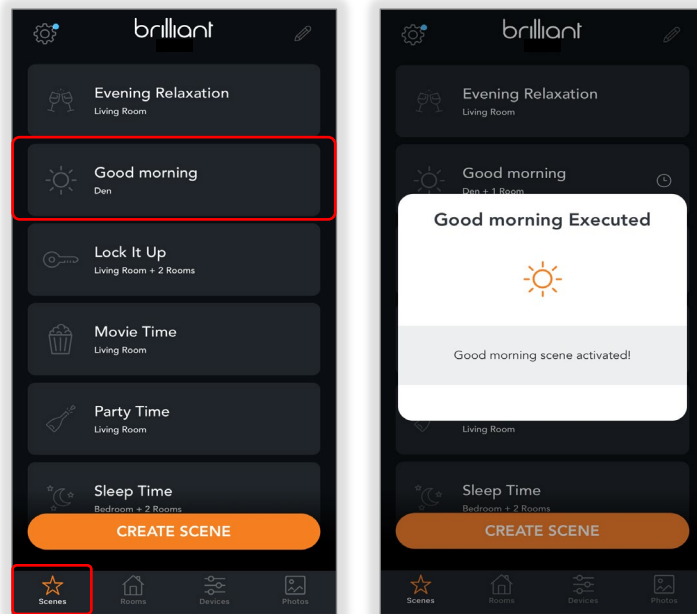10) SELECT "ADD ACTION" when complete

11) SELECT "SET TIME"
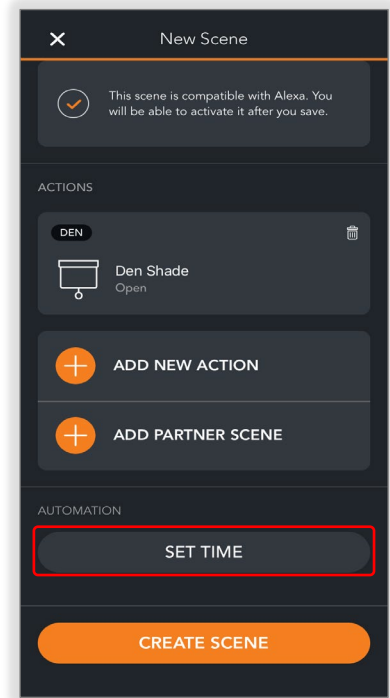
12) SELECT a SET TIME
Example: "Sunrise," "Sunset," "Time of Day"

13) SELECT days to REPEAT

14) SELECT a START/END
Example: "All Year" or "Selected Dates"

15) SELECT "SAVE"
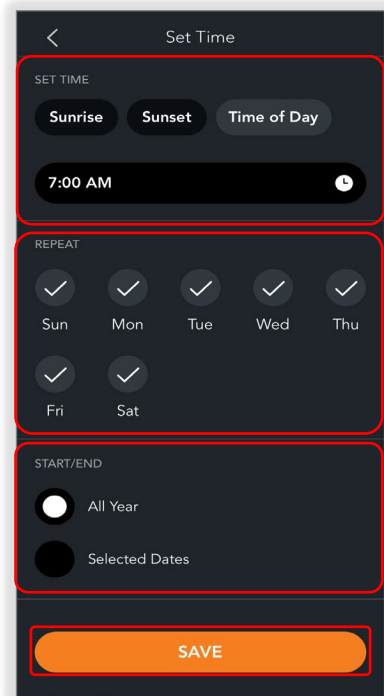
TEST A SCENE

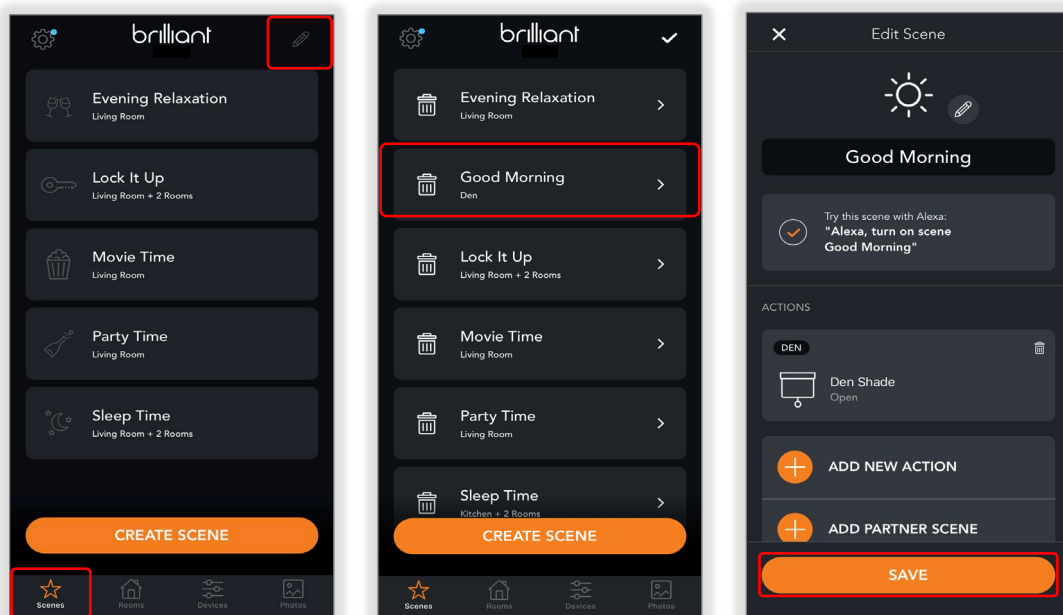*To test a scene, follow the steps below.*

1) SELECT "Scenes"

2) SELECT a Scene to execute
   Example: "Good morning"

EDIT A SCENE

To edit a scene, follow the steps below.
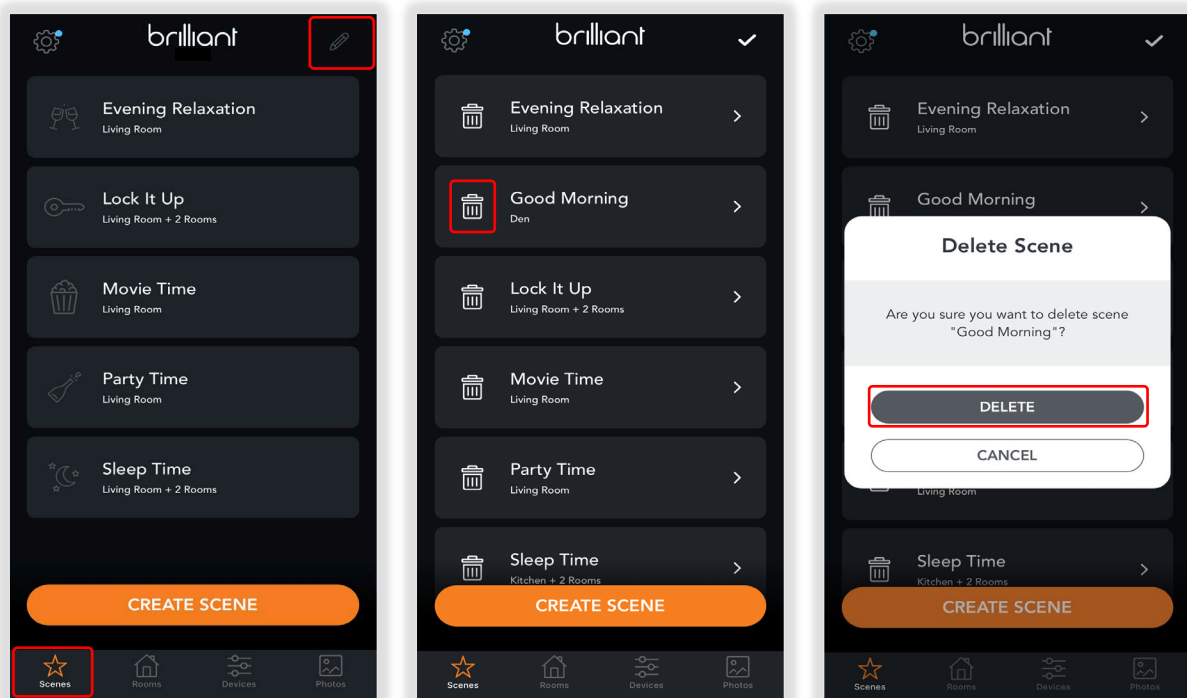
1) SELECT "Scenes"

2) SELECT the Pencil icon

3) SELECT the Scene to edit

4) SELECT "SAVE" when complete

To delete a scene, follow the steps below.
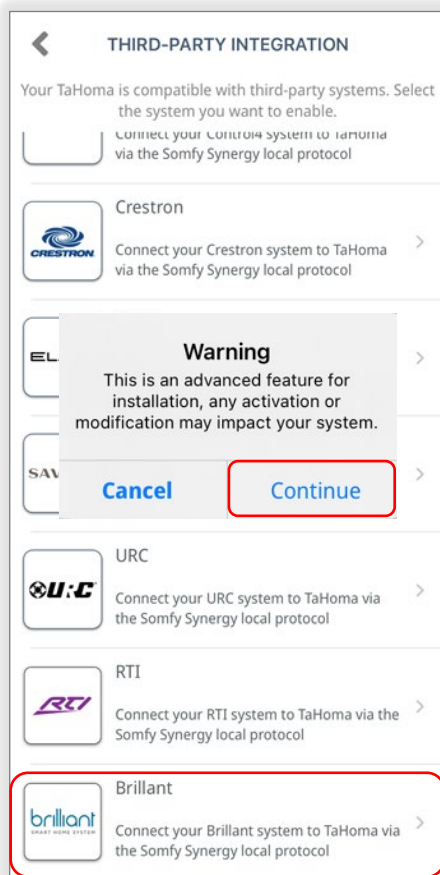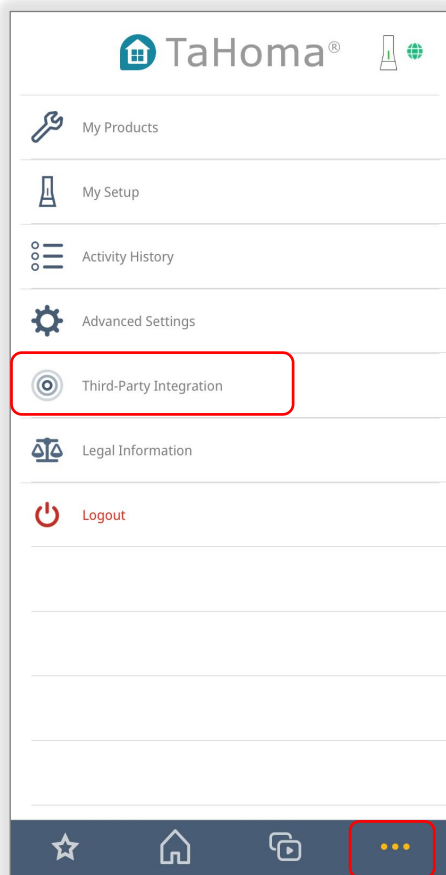
1) SELECT "Scenes"
2) SELECT the Pencil icon
3) SELECT the Trash icon next to the scene to be deleted
4) SELECT "DELETE"

APPENDIX

1) OPEN the TaHoma North America App
2) SELECT the "Menu" icon in the bottom bar
3) SELECT "Third-Party Integration"
4) SELECT "Brilliant" to view the Integration Report
5) SELECT "Continue" at the Warning
6) SELECT "Enable/Refresh Integrations"
7) SELECT "Ok"
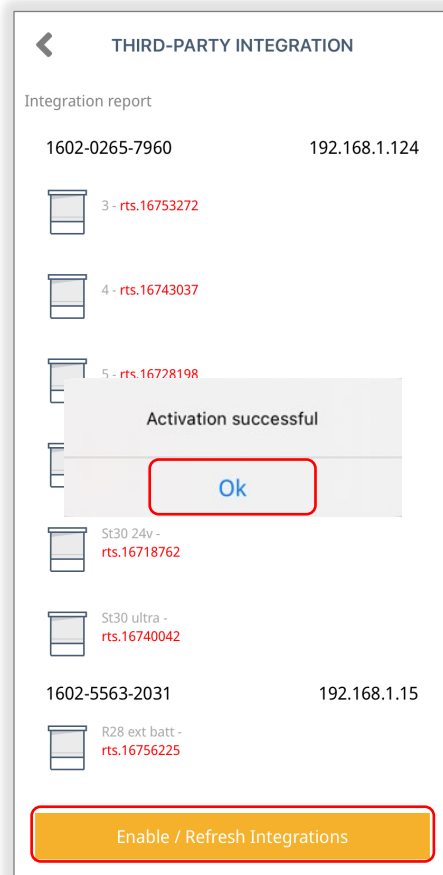
TAHOMA ZIGBEE COMMANDS	
Close	Moves blind to the fully closed position
Open	Moves blind to the fully open position
Stop	Stops blind when moving
My	Moves blind to the programmed "my" position
Target Level	Moves blind to a percent openness (0-100)

TAHOMA SMART PLUG COMMANDS	
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)

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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