INTEGRATION GUIDE

PHILIPS HUE INTEGRATION for TAHOMA® SWITCH



INTEGRATION GUIDE

PHILIPS HUE INTEGRATION for TAHOMA® SWITCH

VERSION 1.1 | OCTOBER 2024 | Prepared by PROJECT SERVICES

TABLE OF CONTENTS

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

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

RESOURCES & APPLICATIONS

SYSTEM REQUIREMENTS

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

BUTTONS & INDICATORS

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

SOMFY SYSTEM

PHILIPS HUE SYSTEM

V. SET UP ---------- 8

CONNECT PHILIPS HUE TO TAHOMA

ADJUST PHILIPS HUE DEVICES

CREATE A SCENE

CREATE A SCHEDULE

CREATE AN ADVANCED SCENE

CREATE A PRESENCE SIMULATION (VACATION MODE)

DELETE A SCENE IN TAHOMA

REMOVE PHILIPS HUE DEVICE FROM TAHOMA

REMOVE PHILIPS HUE BRIDGE FROM TAHOMA

APPENDIX ---------- 20

A. AVAILABLE COMMANDS & ACTIONS

B. CONTROL PHILIPS HUE DEVICES IN TAHOMA

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(es) as the bridge between Philips Hue and Smart Shading by Somfy.

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.

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 60 Zigbee motors (max. 50 WireFree), 10 smart plugs, 15 remotes, and 40 channels of RTS
- 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 pro Dealer Version 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 Philips Hue app:

Google Play Store

iOS App Store

SYSTEM REQUIREMENTS

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

iOS Version: 15.0 or later

Android Version: 8.0 and up

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 #9028054
(Sold Separately or included with #1871038)
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

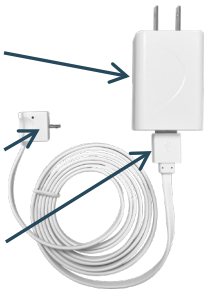
LED BEHAVIOR:
GREEN
ETHERNET CONNECTION
AMBER
DATA TRANSFER

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).
Status LED will blink RED if the battery level is not sufficient for programming.
NOTE: Check the charge of the batteries in the remote

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
To select channel

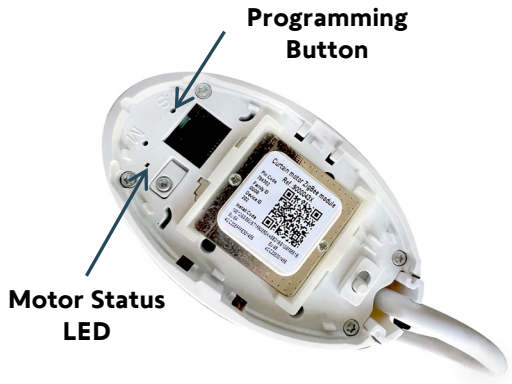
Programming Button
To pair and reset products



BUTTONS & INDICATORS

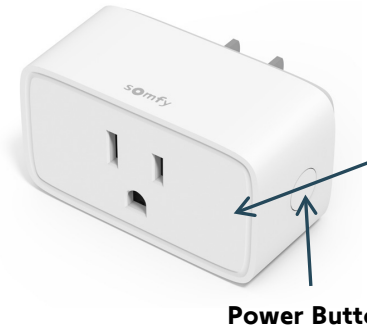
WAKING THE MOTOR:
Ensure the motor has required power available.
Using a small paper clip or similar, BRIEFLY PRESS the Programming Button on the head of the motor
OR
PLUG IN the battery supply/charger.
The motor will jog (briefly move up and down), and the LED will illuminate GREEN for 2 seconds.
The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

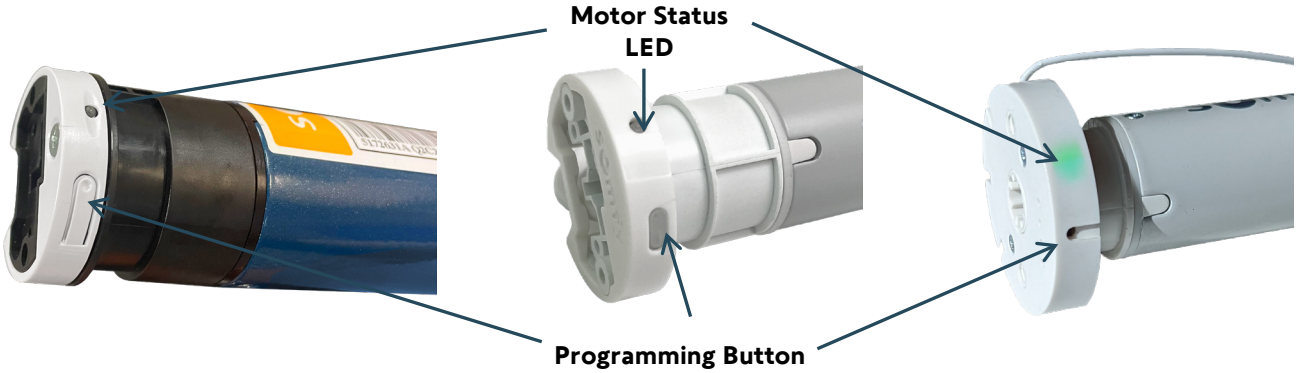
RED
SOLID 3s– NOT CONNECTED
POWERED – OUTPUT OFF

AMBER / GREEN
FLASHING – PAIRING MODE

GREEN
SOLID 3s – CONNECTED
POWERED – OUTPUT ON

OFF
NOT PAIRED
NOT POWERED

ROLLER MOTORS



Sonesse® 40 120V AC Zigbee shown above

Sonesse® 30 24V DC Zigbee shown above

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

MOTOR STATUS LED BEHAVIOR:

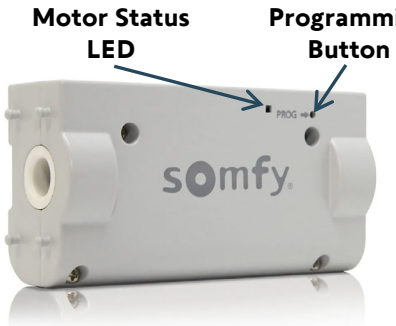
AMBER
MOTOR IS NOT SET
IN SETTING MODE
IN ADJUSTMENT MODE

GREEN
MOTOR IS CHARGING
CONFIRMED SETTING

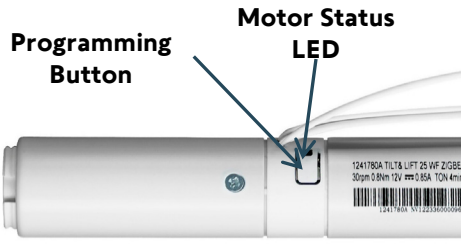
RED
LOW BATTERY CHARGE
THERMAL PROTECTION
IMPOSSIBLE SETTING

NOT ILLUMINATED ONCE
PAIRED AND OPERATIONAL

TILT MOTOR



CORD LIFT MOTOR



IV. SYSTEM PREPARATION

SOMFY SYSTEM

A fully operational TaHoma system is required prior to Josh.ai programming. The TaHoma system supports up to 60 Zigbee motors (max. 50 WireFree), 10 smart plugs, 15 remotes, 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
- Must have one Philips Hue account per TaHoma system or project

NOTE: Integration allows for Philips devices to be controlled from the TaHoma app

PHILIPS HUE SYSTEM

A fully operational Philips Hue system is required prior to TaHoma integration.

- Confirm that Philips Hue Hub is powered on and connected to a network with internet
- Confirm the Philips Hue IOS/Android application is up to date

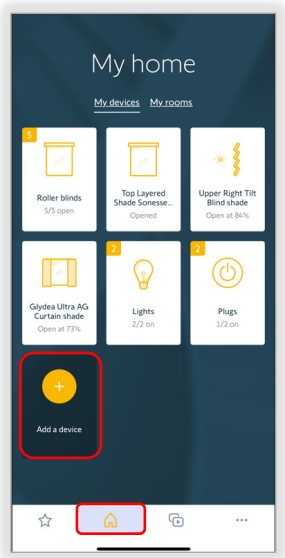
V. SET UP

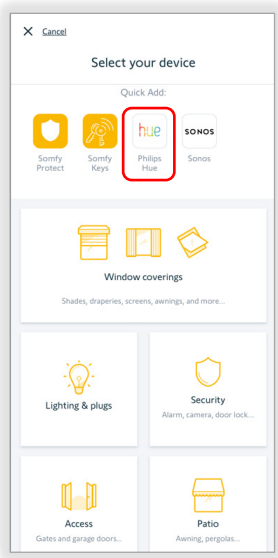
CONNECT PHILIPS HUE TO TAHOMA

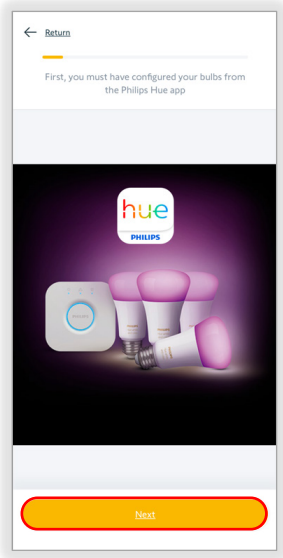
To enable Philips Hue control using the TaHoma by Somfy app, follow the steps below.

1) From the TaHoma by Somfy app, SELECT the Home icon in the bottom center of the app
2) SELECT "Add a device"
3) SELECT "Philips Hue"
4) SELECT "Next"

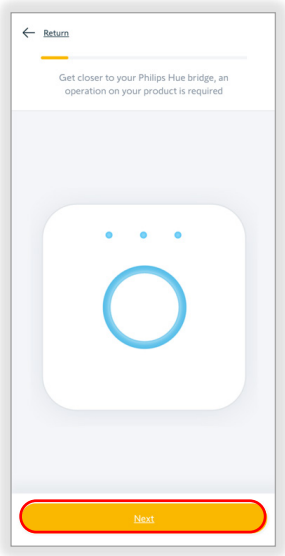
   IMPORTANT: Be sure the Philips Hue system is commissioned with all bulbs.

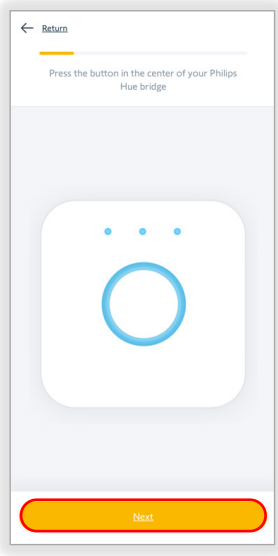


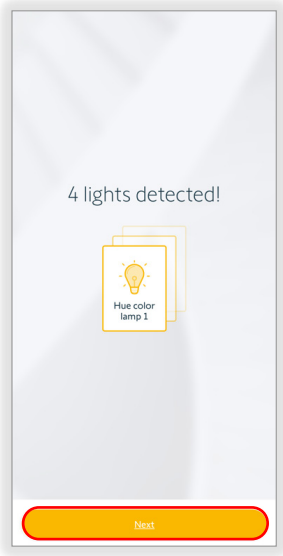




5) LOCATE the Philips Hue bridge for the next step as we'll need to physically access it, then SELECT "Next"
6) PRESS the button in the top-center of the Philips Hue bridge once, then SELECT "Next"
7) WAIT for confirmation of the lights detected, SELECT "Next"







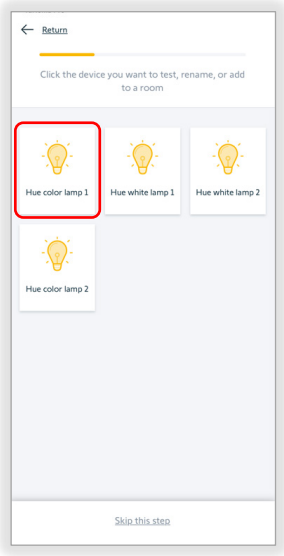
The Philips Hue & TaHoma accounts are now connected.

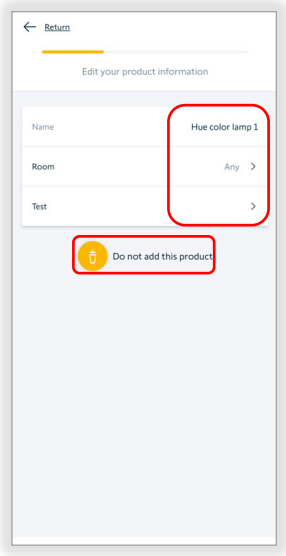
ADJUST PHILIPS HUE DEVICES

To adjust Philips Hue devices that have been added to the Philips Hue app, follow the steps below.
Be sure to have all devices paired before proceeding.
From the Philips Hue app, ensure the devices are connected and using the same internet network as the TaHoma switch.

1) SELECT the device to be adjusted
2) Once the devices have been discovered, the following can be done:

   NOTE: If a device should not be added to the TaHoma switch, SELECT "Do not add this product"



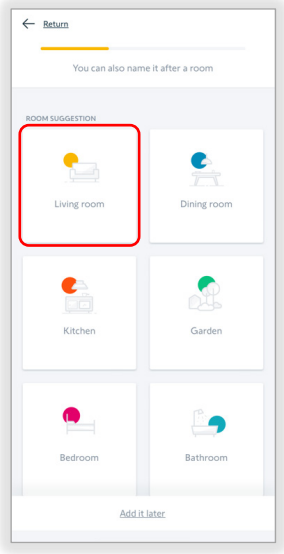


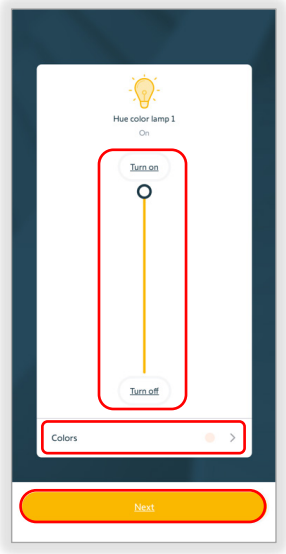
NAME THE DEVICE

1) ENTER a name for the Philips Hue device in the Name field
   Example: Hue color lamp 1

ADD THE DEVICE TO A ROOM

1) SELECT the arrow in the Room field
2) SELECT an appropriate room suggestion





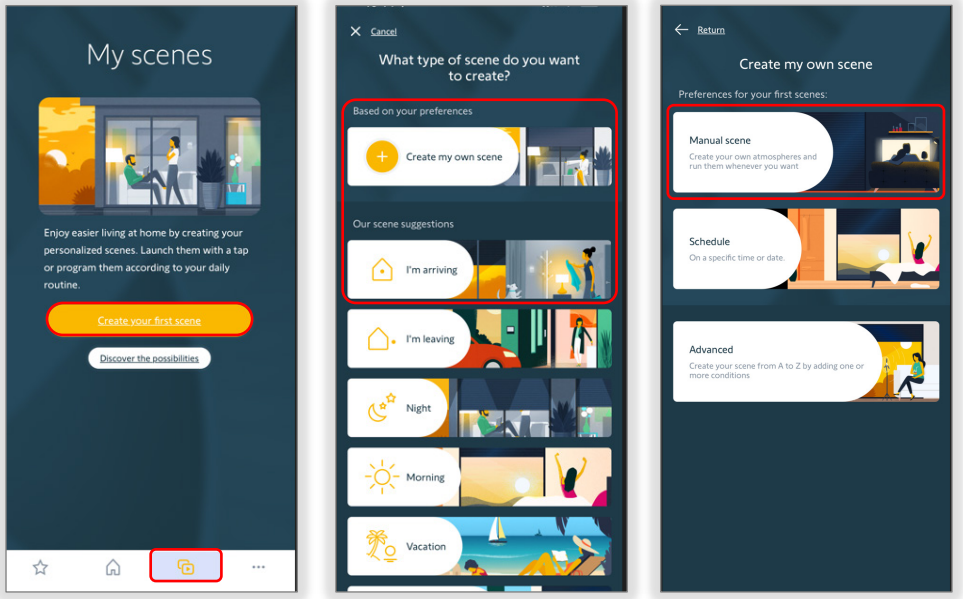
TEST THE DEVICE OPERATION

1) SELECT the arrow in the Test field
2) CONFIRM operation of the device using the "Turn on", "Turn off" buttons or the light level slider
3) SELECT the arrow in the Colors field, then CHOOSE preferred color option
4) SELECT "Next" to proceed

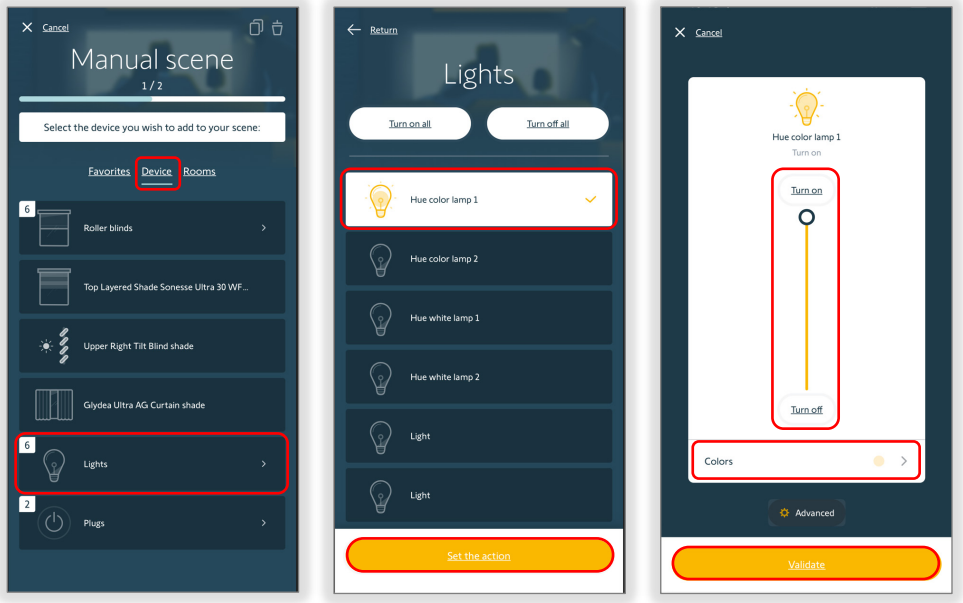
CREATE A SCENE

Scenes allow multiple devices to be controlled at once. TaHoma supports 40 scenes with schedules.
Example: Philips Hue Light Bulbs turn ON and RTS or Zigbee Motors go DOWN
To create a scene, follow the steps below.

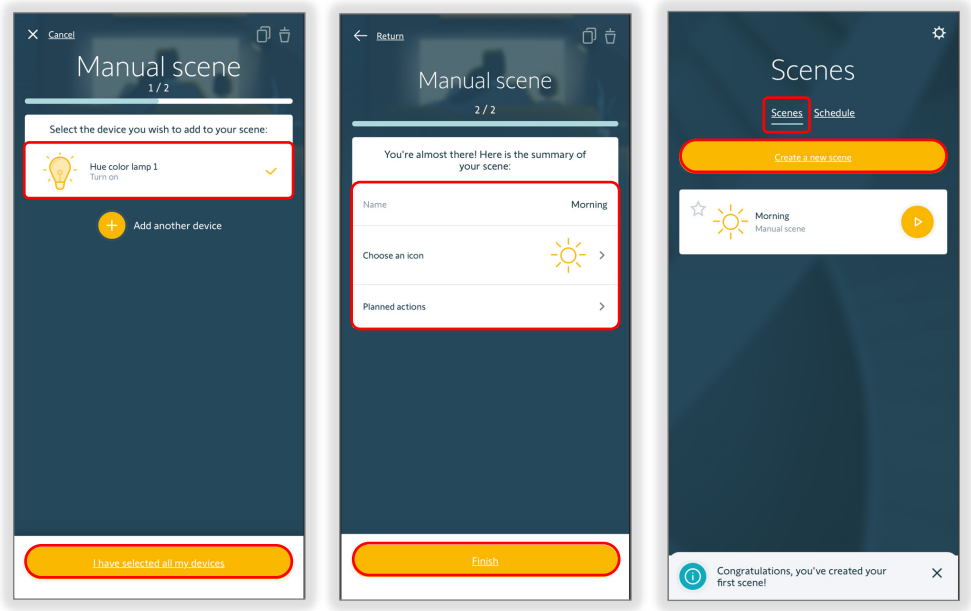
1) From the TaHoma by Somfy app, SELECT the Scene icon
2) SELECT "Create your first scene"
3) SELECT the type of scene to create, CHOOSE between "Create my own scene" or "Our scene suggestions" options
4) FOLLOW the steps below for Create my own scene
5) SELECT "Manual scene"



6) SELECT the "Device" list, then SELECT "Lights"
7) SELECT a Philips Hue Device, then SELECT "Set the action"
   Example: Hue color lamp 1
8) SELECT "Turn on" or "Turn off" and customize the Philips Hue Device by selecting a color and brightness level, then SELECT "Validate"



9) SELECT the device(s) to add to the scene, a check mark will appear on the right for all selected devices
10) SELECT “I have selected all my devices”
11) TYPE in the Name field
12) CHOOSE an icon
13) ADJUST the Planned actions for the scene
14) SELECT “Finish”
15) CONFIRM the scene is created and add more by SELECTING “Create a new scene”



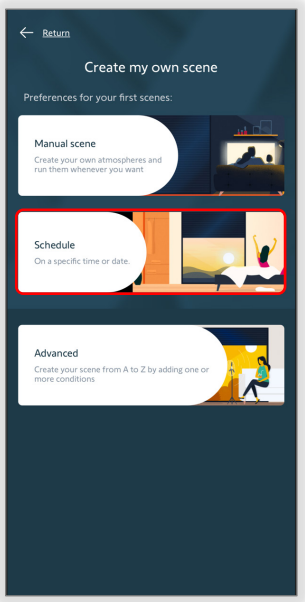
The first Scene is now created for Philips Hue.

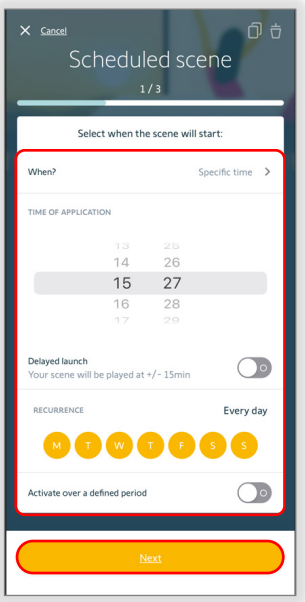
To create a schedule for the scene, FOLLOW the next section of this guide.

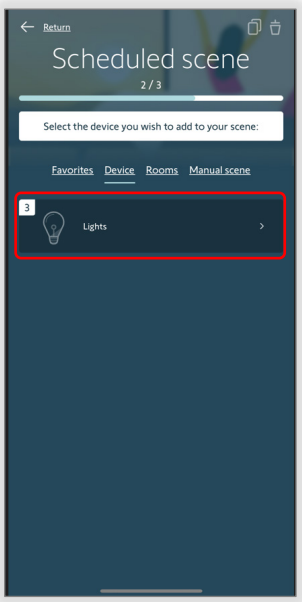
CREATE A SCHEDULE

To create a schedule to turn Scenes on or off at specific times, follow the steps below.

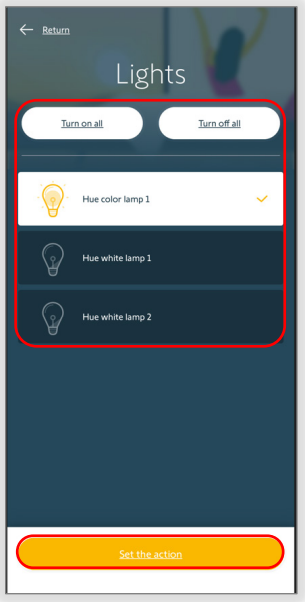
1) SELECT “Schedule”
2) CHOOSE the time and days you want your scheduled scene to be activated then SELECT “Next”
3) SELECT the devices to include in the scene

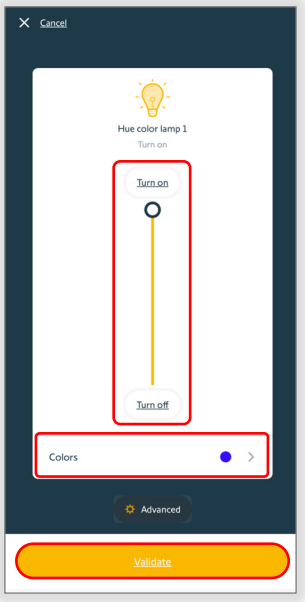


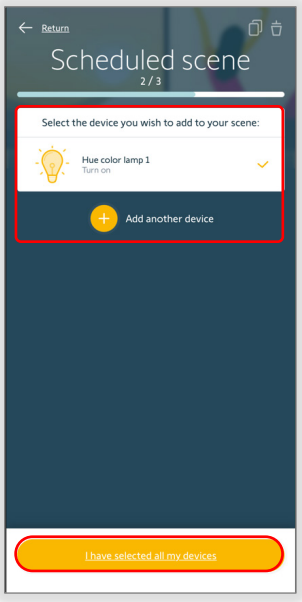




4) CHOOSE “Turn on all”, “Turn off all” or Hue color lamps, then SELECT “Set the action”
5) CHOOSE to turn on or off the light(s), set the brightness level or color, then SELECT “Validate”
6) SELECT additional devices or SELECT “I have selected all my devices” to proceed

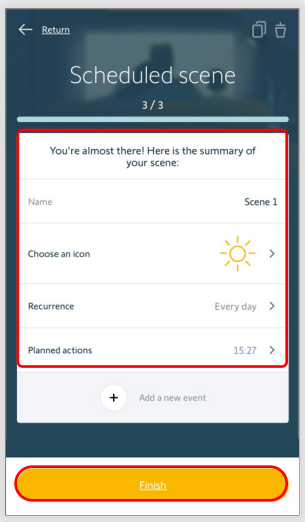


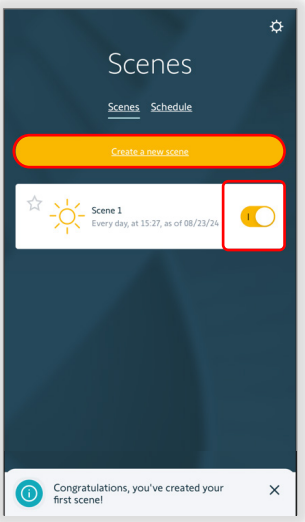




7) CONFIRM or ADJUST Scheduled scene settings, then SELECT “Finish”
8) CONFIRM the scene is now created, SELECT “Create a new scene” and REPEAT the process for additional Scenes or Schedules needed
9) SELECT additional devices or SELECT “I have selected all my devices” to proceed

NOTE: Scenes can be turned off using the slider button



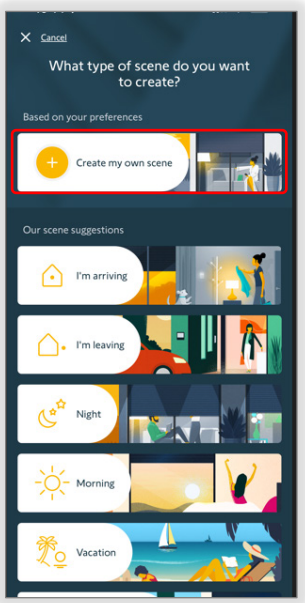


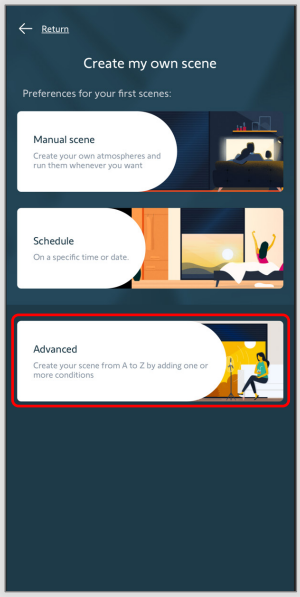
CREATE AN ADVANCED SCENE

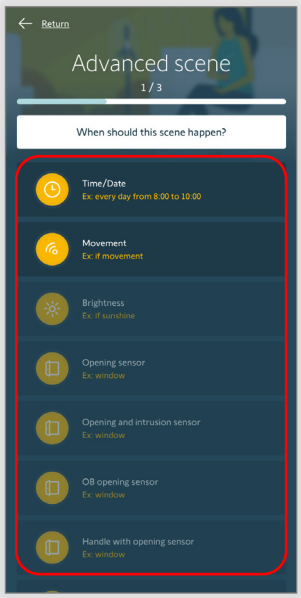
To create a scene with advanced features to control specific actions, follow the steps below.

1) SELECT "Create my own scene"
2) CHOOSE "Advanced"
3) SELECT the specific details of when the scene should happen

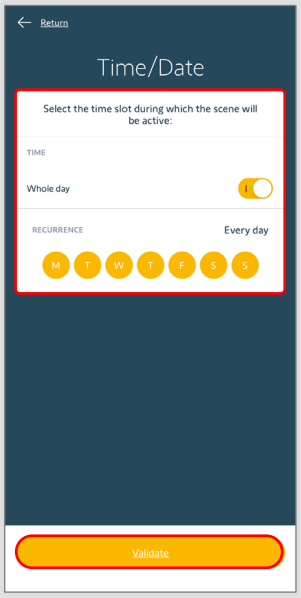
   NOTE: Advanced Scenes require data from other devices (Motion, temperature sensors, etc.)

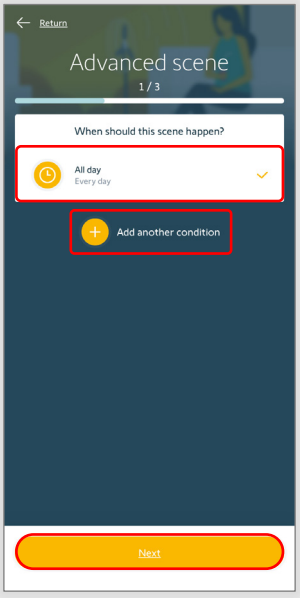


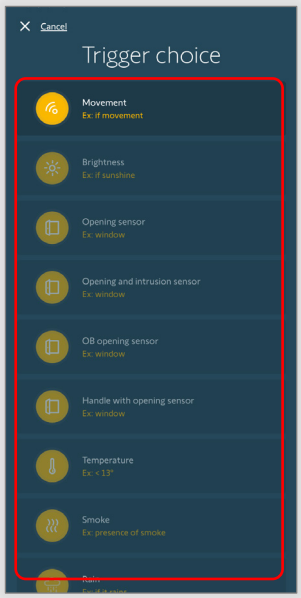




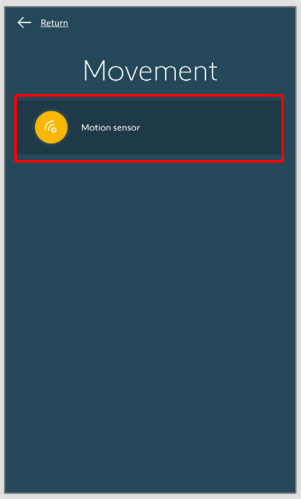
4) CHOOSE the time and days for the scene to be active, then SELECT "Validate"
5) CONFIRM the settings of the scene created and SELECT "Add another condition" to REPEAT the previous step to add more conditions
6) CHOOSE from the available motion triggers to activate the scene

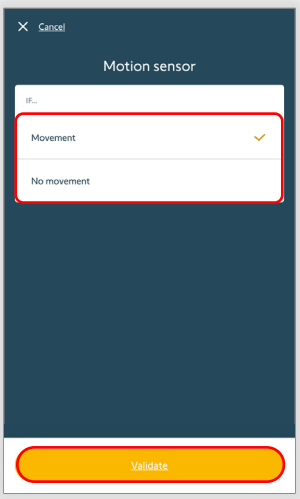


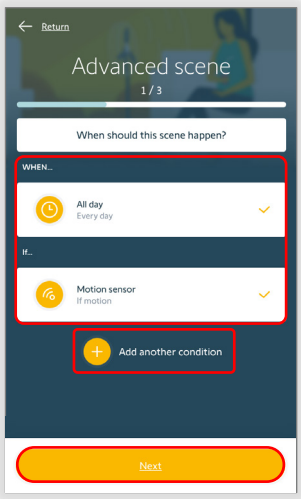




7) CHOOSE the motion sensor to include for this scene
8) CONFIRM if an action should be carried out on movement from the sensor, then SELECT "Validate"
9) CONFIRM the settings of when the scene should happen
10) SELECT "Add another condition" to REPEAT the previous step to add more conditions

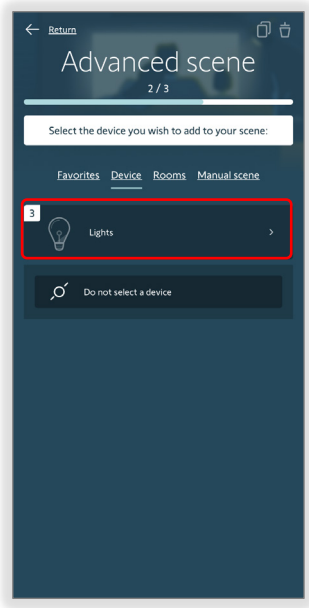


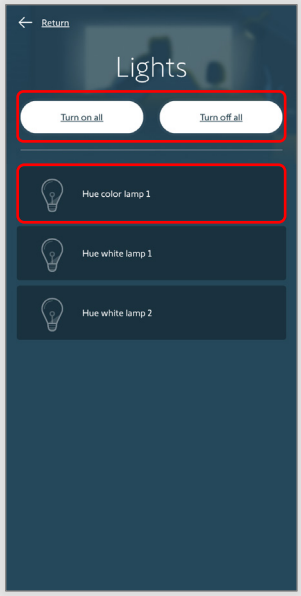


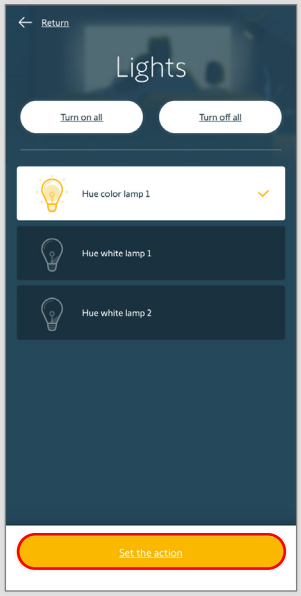


11) SELECT the device category available
12) SELECT the device to add to the scene

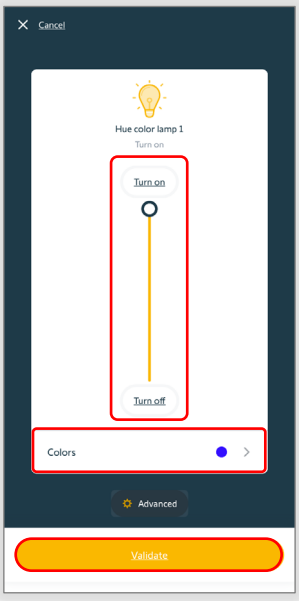
    Example: Hue color lamp 1
13) CONFIRM the device selection, then SELECT "Set the action"

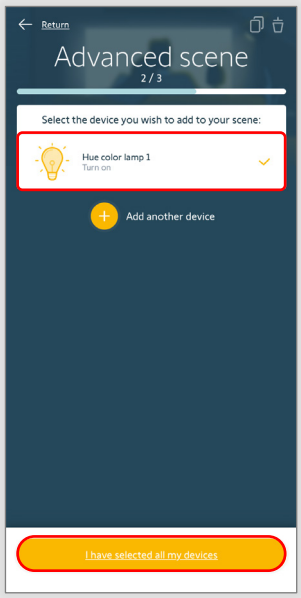


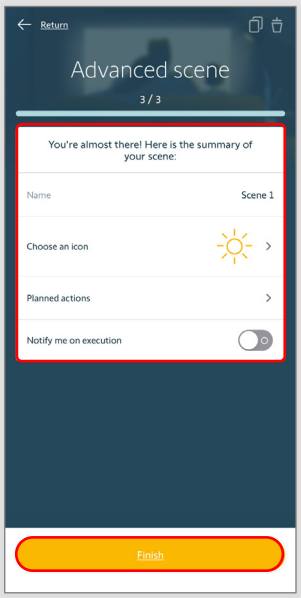




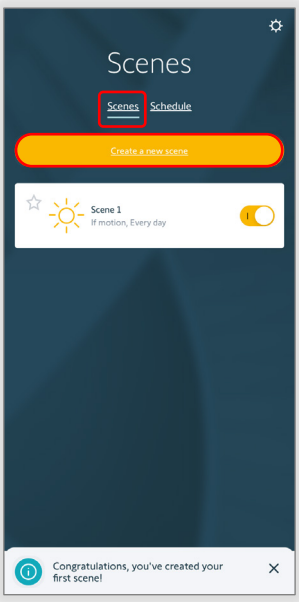
14) CHOOSE to turn on or off the light(s), set the brightness level or color, then SELECT "Validate"
15) CONFIRM the device is selected to add to the scene
16) SELECT "Add another device" to include additional devices OR SELECT "I have selected all my devices" to proceed
17) CONFIRM settings and SELECT "Finish"







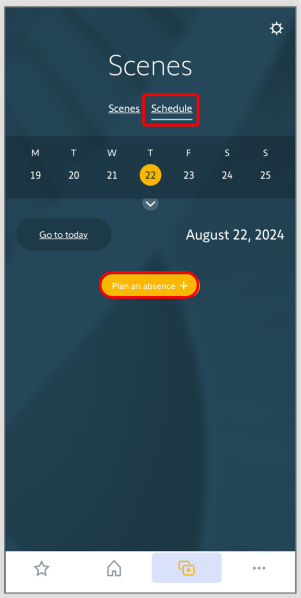
18) CONFIRM the advanced scene is now created
19) CONFIRM the advanced scene is created and SELECT "Create a new scene" to add more scenes

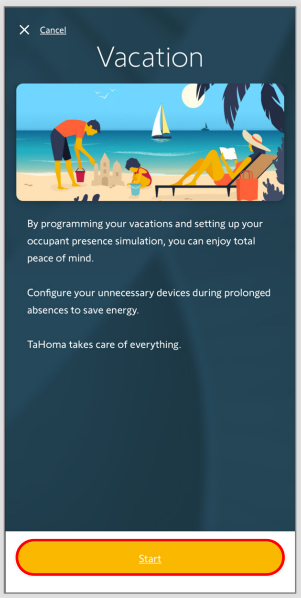


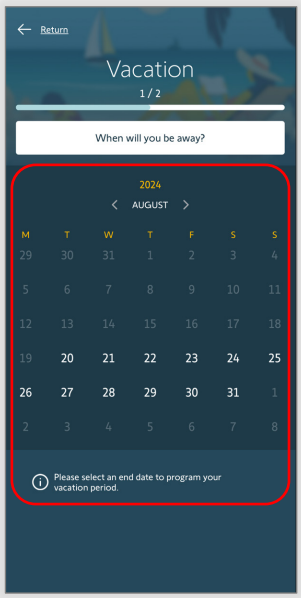
CREATE A PRESENCE SIMULATION (VACATION MODE)

To create a Presence Simulation used as a vacation mode is an advanced settings for Schedules, Plan an absence by following the steps below.

1) NAVIAGATE to Schedule for created Scenes, SELECT “Plan an absence +”
2) READ the Vacation overview, then SELECT “Start”
3) SELECT a start and end date span of time for the schedule

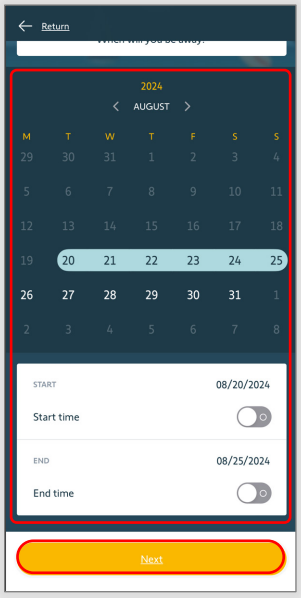




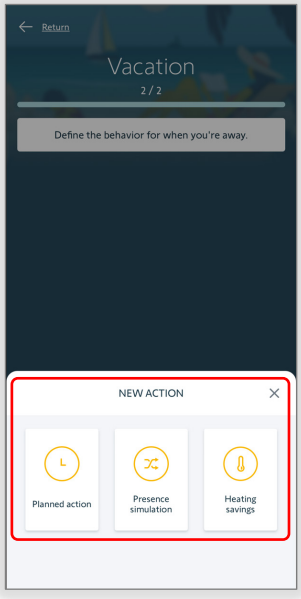


4) CONFIRM the dates are correct for the vacation schedule, then SELECT “Next”
5) SELECT “Add an action +” to define the desired behavior for the vacation schedule
6) CHOOSE from the New Actions available to control the schedule

Example: Presence simulation





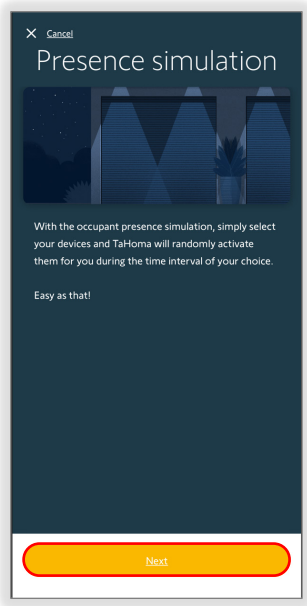


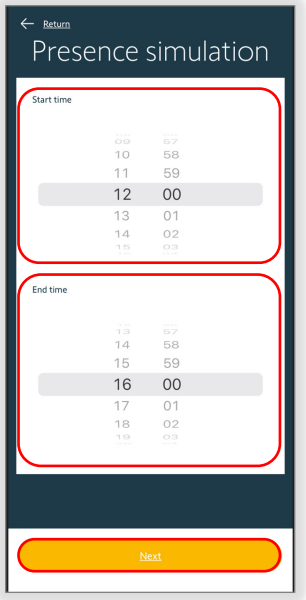
7) READ the action overview, then SELECT “Next”

Example: Presence simulation

8) CHOOSE the start and end times and other settings for the actions, then SELECT “Next”

9) CHOOSE the devices to operate from the action, then SELECT “Next”





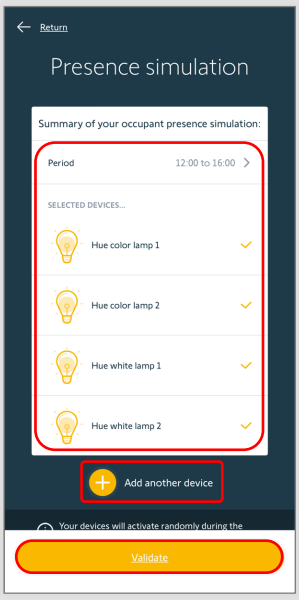


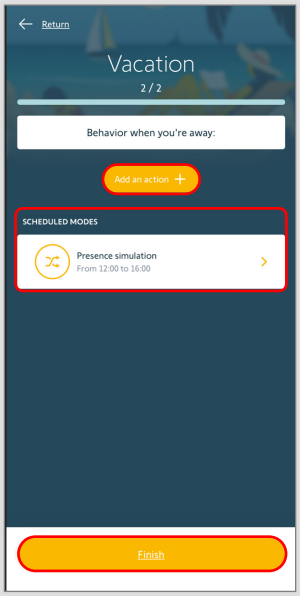
10) CONFIRM the settings and device(s) selected for the action

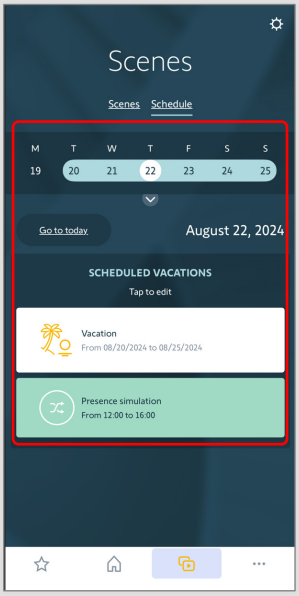
11) SELECT “Add another device” to include additional devices OR SELECT “Validate” to proceed

12) CONFIRM the action created, then SELECT “Add an action +” OR SELECT “Finish” to proceed

13) REVIEW and CONFIRM Scheduled Vacations created, these are now successfully set up



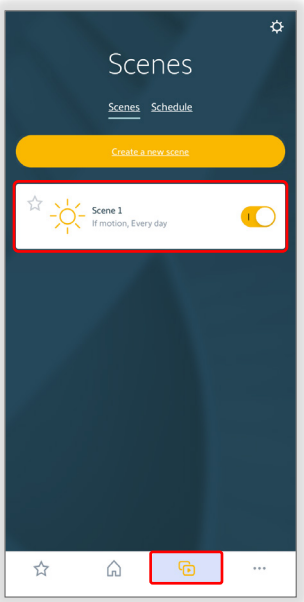


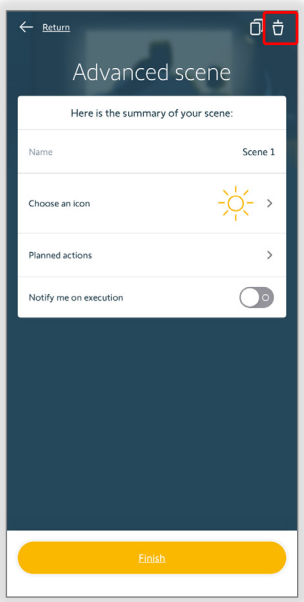


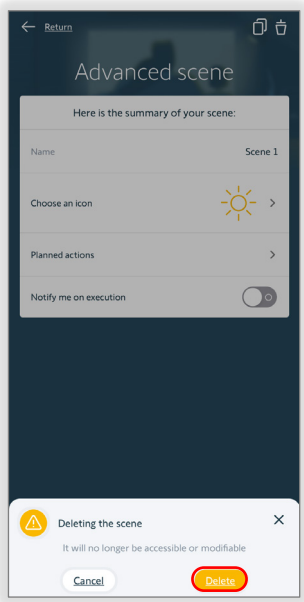
DELETE A SCENE IN TAHOMA

If a Scene is no longer required, follow the steps below.

1) To remove a scene, SELECT the Scene/Scheduling button on the bottom of the Home screen, then CHOOSE the scene you want to delete
2) SELECT the Trash Bin icon
3) SELECT "Delete" to confirm deletion of the selected scene

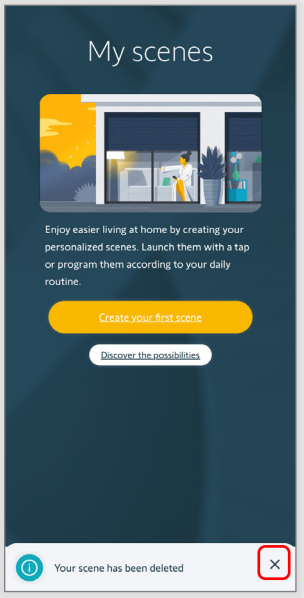






The Scene is now deleted.

4) SELECT the "X" to close the message and proceed back to the My scenes section

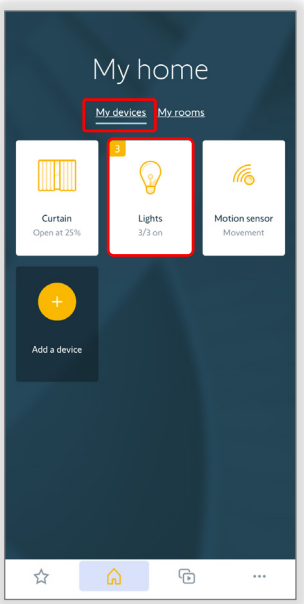


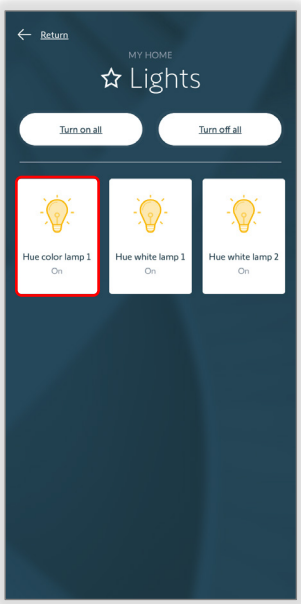
REMOVE PHILIPS HUE DEVICE FROM TAHOMA

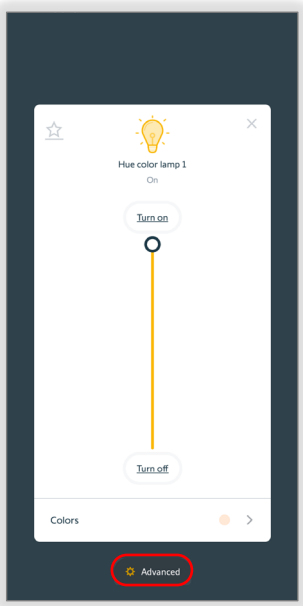
If a Philips Hue Device is no longer required for Integration, follow the steps below.

1) To remove a device, SELECT the Devices tab on the Home screen, then SELECT "Lights"
2) CHOOSE the device to delete

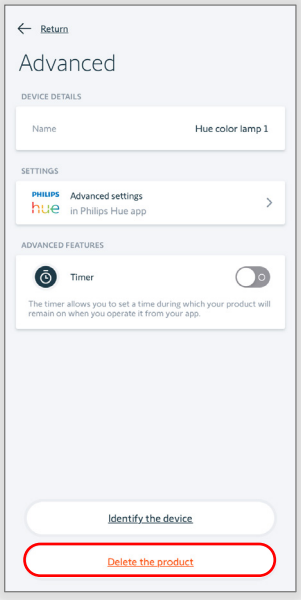
   EXAMPLE: Hue color lamp 1
3) SELECT "Advanced"

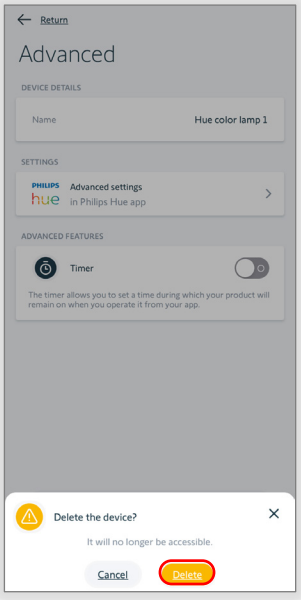


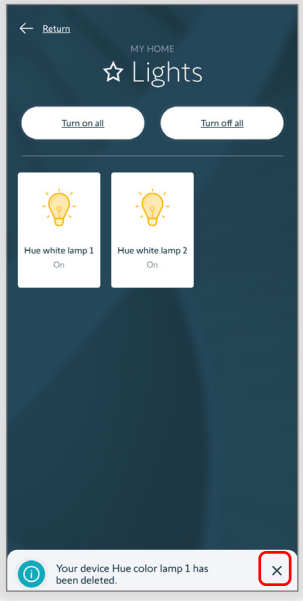




4) SELECT "Delete the product"
5) SELECT "Delete" to confirm the device should be deleted
6) SELECT the "X" to close the message





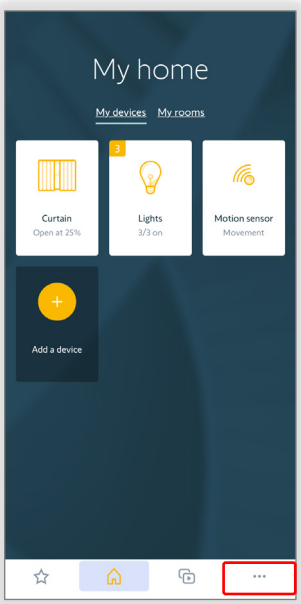


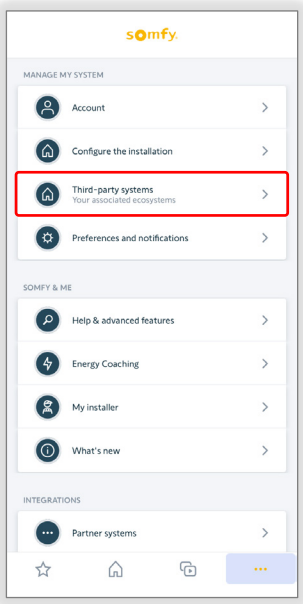
The Philips Hue Device is now removed.

REMOVE PHILIPS HUE BRIDGE FROM TAHOMA

If a Philips Hue Bridge is no longer required for integration, follow the steps below.

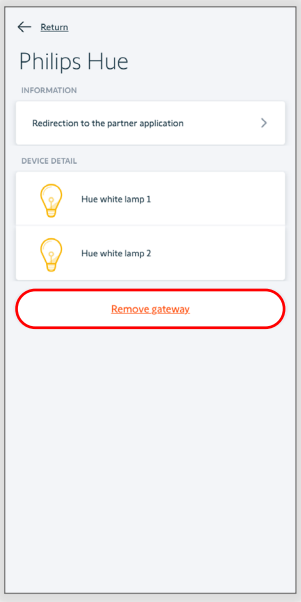
1) To remove the Hue Bridge, SELECT the 3-dots button on the Home screen
2) SELECT "Third-party systems"
3) SELECT the "Philips Hue" button

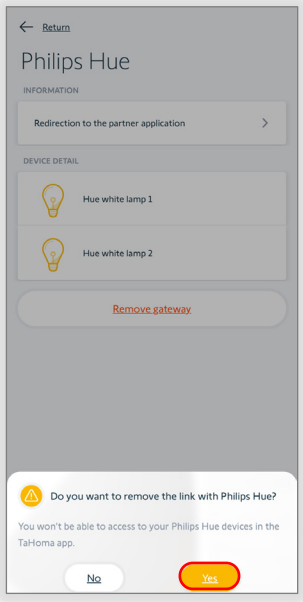






4) SELECT "Remove gateway"
5) SELECT "Yes" to remove the link with Philips Hue





The Philips Hue Bridge is now removed.

APPENDIX

[APPENDIX A] AVAILABLE COMMANDS & ACTIONS

PHILIPS HUE DEVICE	
ON	Turn on a Philips Hue Device
OFF	Turn off a Philips Hue Device
Set Color	Change color of the Philips Hue Device
Increase/Decrease Brightness	Use the slider to increase and decrease the brightness of a paired Philips Hue Device

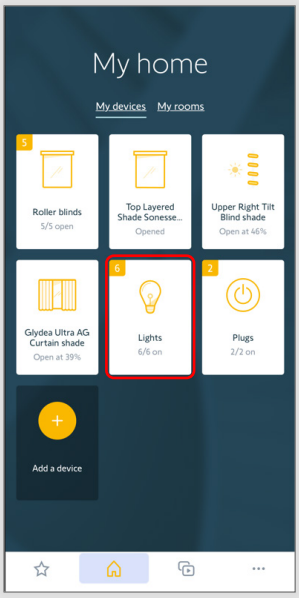
[APPENDIX B] CONTROL PHILIPS HUE DEVICES IN TAHOMA

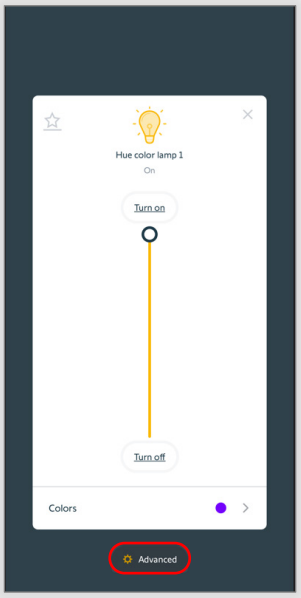
1) SELECT "Lights", then CHOOSE the Philips Hue Device to control

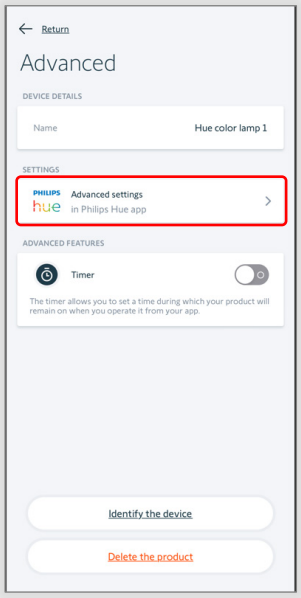
   Example: "Hue color lamp 1"

2) SELECT "Advanced" to adjust the Advanced settings

3) SELECT "Advanced settings" and ADJUST the settings available







Adjusting Colors:

1) SELECT the "Colors" option to adjust the color of the Philips Hue Device

2) SELECT "Colors" or "White level"

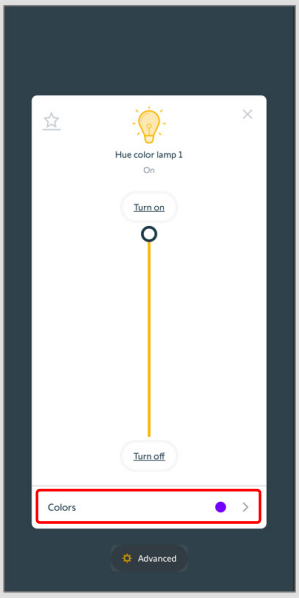
3) MOVE the selection within the circle, then SELECT "Return"

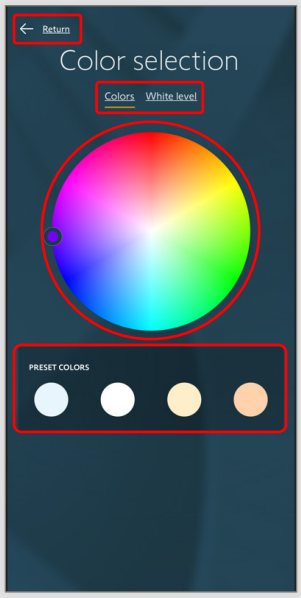
   Available Options:

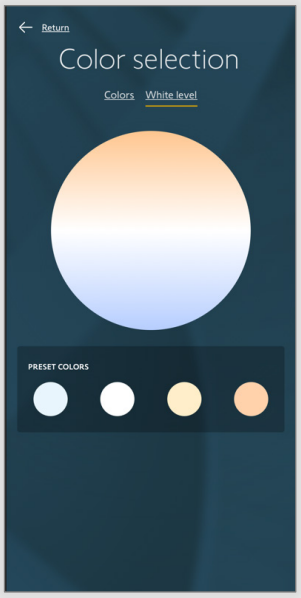
   Preset Colors – Choose a preset color available

   Colors – Choose from a variety of colors

   White Light – Choose from warm to daylight colors







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.

© Somfy Systems, Inc. • **OCTOBER 2024**

All brands, products, and trademarks are the property of their respective owners.

PHILIPS hue | 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