INTEGRATION GUIDE

SONOS INTEGRATION for TAHOMA® SWITCH



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VERSION 1.1 | OCTOBER 2024 | Prepared by PROJECT SERVICES

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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 installers and integrators 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 Sonos 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 these 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 Sonos app:

Google Play Store

iOS App Store

SYSTEM REQUIREMENTS

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

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

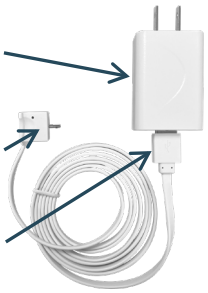
AMBER
DATA TRANSFER

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

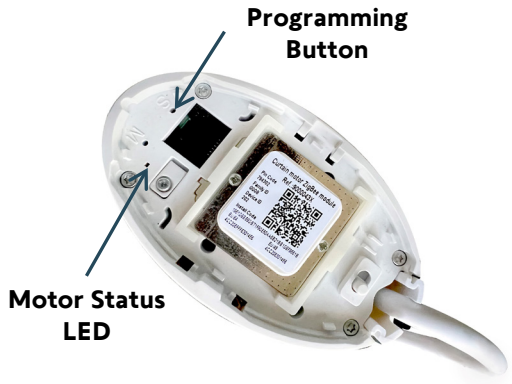
Programming Button
To pair and reset products



BUTTONS & INDICATORS

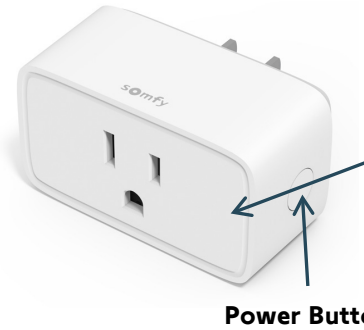
WAKING THE MOTOR:
Ensure the motor has required power available.
Using a small paper clip or similar, BRIEFLY PRESS the Programming Button on the head of the motor
OR
PLUG IN the battery supply/charger.
The motor will jog (briefly move up and down), and the LED will illuminate GREEN for 2 seconds.
The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

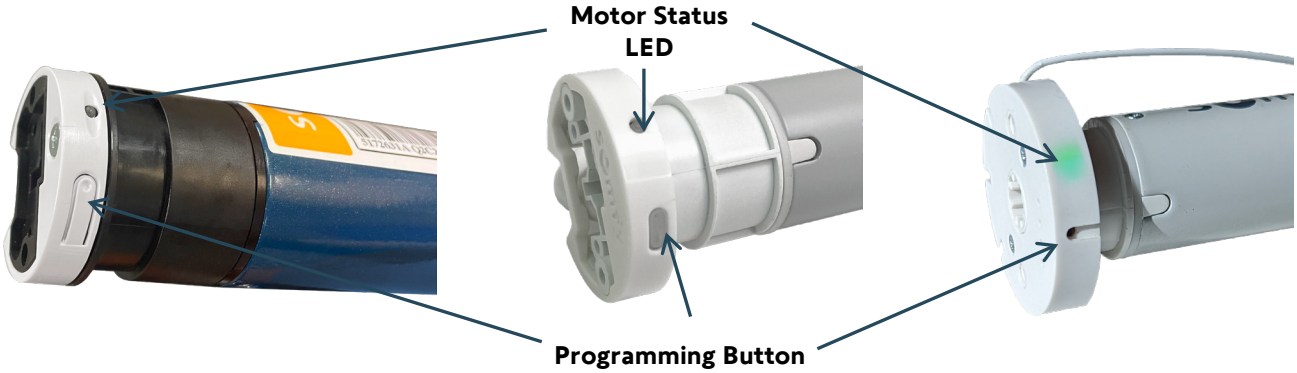
RED
SOLID 3s– NOT CONNECTED
POWERED – OUTPUT OFF

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:

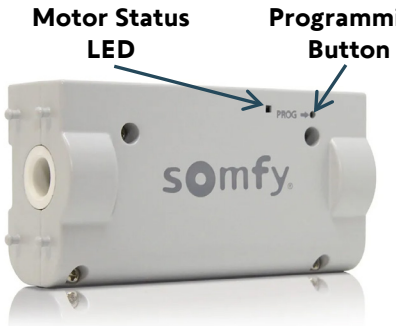
AMBER
MOTOR IS NOT SET
IN SETTING MODE
IN ADJUSTMENT MODE

GREEN
MOTOR IS CHARGING
CONFIRMED SETTING

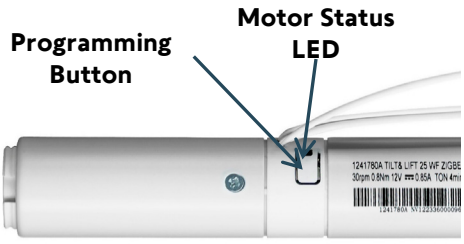
RED
LOW BATTERY CHARGE
THERMAL PROTECTION
IMPOSSIBLE SETTING

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

SONOS SYSTEM

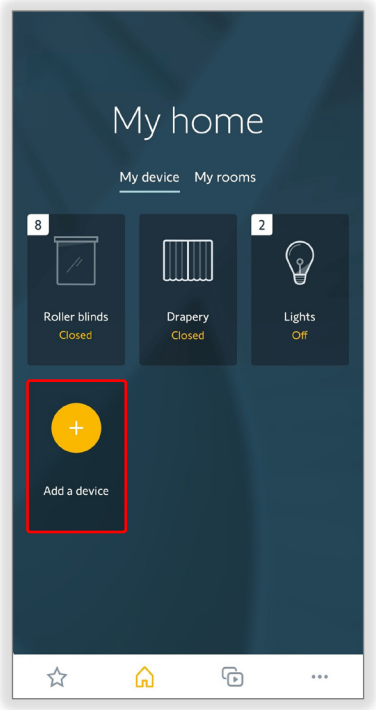
A fully operational Sonos system is required prior to TaHoma integration.

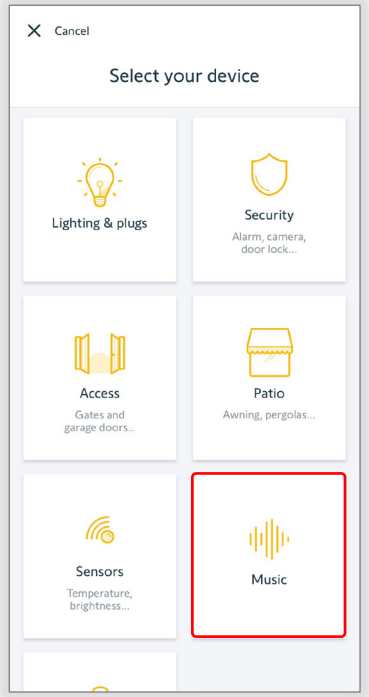
V. SET UP

ADD SONOS

Prior to adding Sonos products to TaHoma, the Sonos system must be installed on the same local area network as TaHoma and configured from the Sonos app. To add Sonos products to TaHoma, follow the steps below.

1) OPEN the TaHoma by Somfy app
2) From My home, SELECT "Add a device"
3) SELECT "Music"





4) SELECT "Next" to discover the Sonos system

   OR

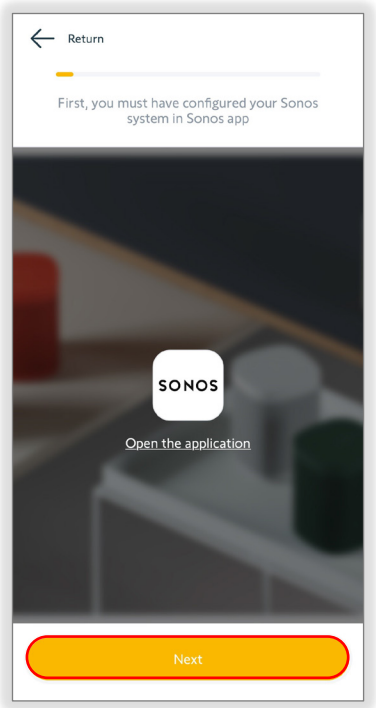
   SELECT "Open the application" to configure the Sonos system in the Sonos app

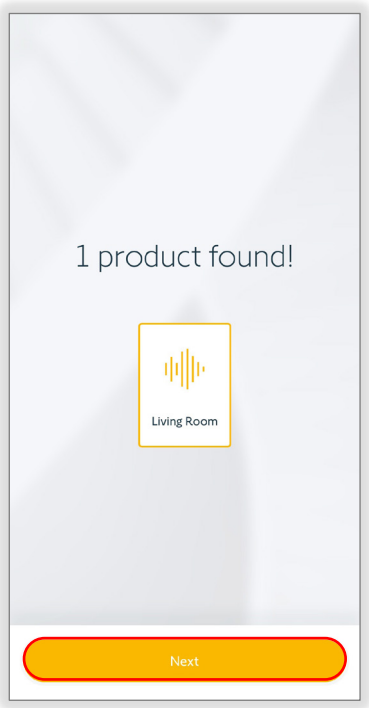
   Return to this step once the Sonos system is configured.

5) SELECT "Next" after the product is found

   Example: "Living Room" speaker

   The TaHoma app will return to My home.



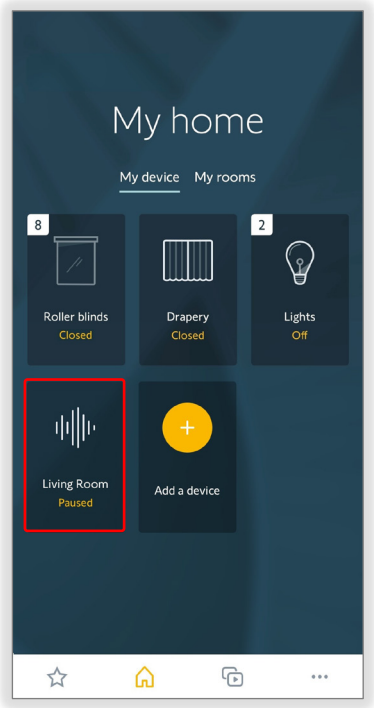


CONTROL SONOS

Prior to playing Sonos content, the Sonos system must be configured from the Sonos app.
To control Sonos from the TaHoma app, follow the steps below.

1) From My home, SELECT the Sonos device

   Example: "Living Room" speaker



2) SELECT the following:

   My Sonos Lists to browse the Sonos subscribed content, library, or playlist

   Play slider to select a specific time in the track to play

   Shuffle button to randomly shuffle the current list

   Skip Back/Forward buttons to return or advance tracks

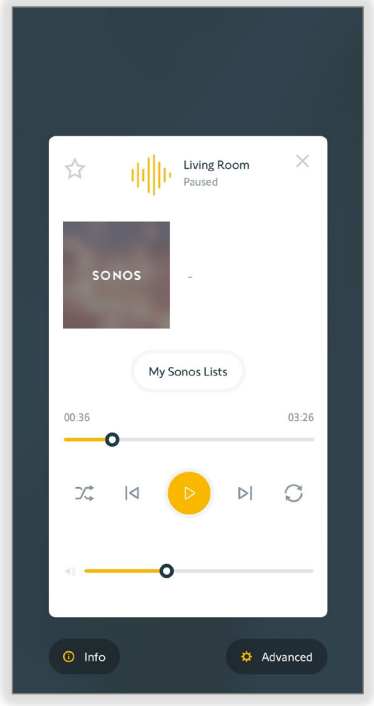
   Play/Pause button to play or pause the selected content

   Repeat button to repeat the currently played track

   Volume fader to adjust the audio level

   Info to access the information page about playing or deleting the device

   Advanced to identify the name of the device or redirect to the Sonos app for operation



ADD FAVORITES

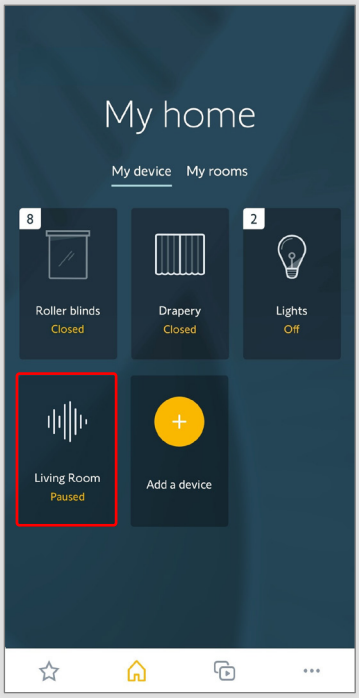
To add devices to My favorites, follow the steps below.

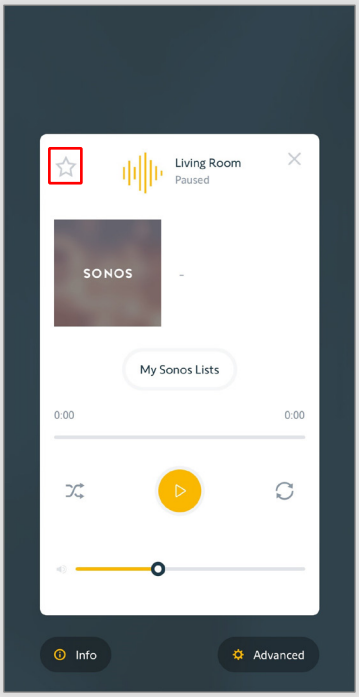
1) From My home, SELECT the device

   Example: "Living Room" speaker

2) SELECT the Favorite icon

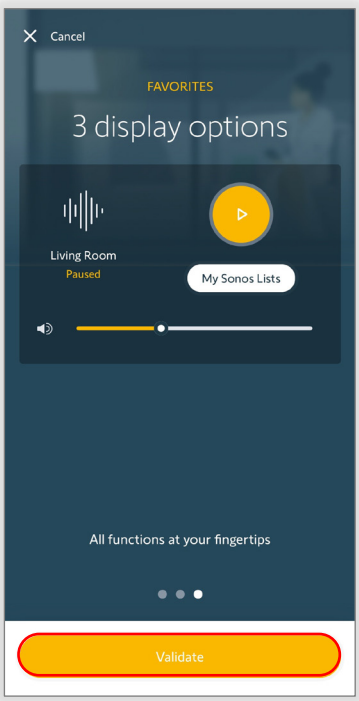
   Once a device is added to My favorites, the Favorite icon will display in yellow.

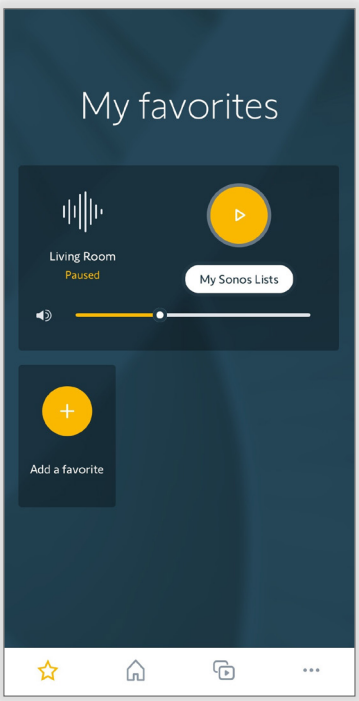




3) SELECT one of 3 display options, then SELECT "Validate"

   The favorite devices will display in My favorites.





CREATE SCENES

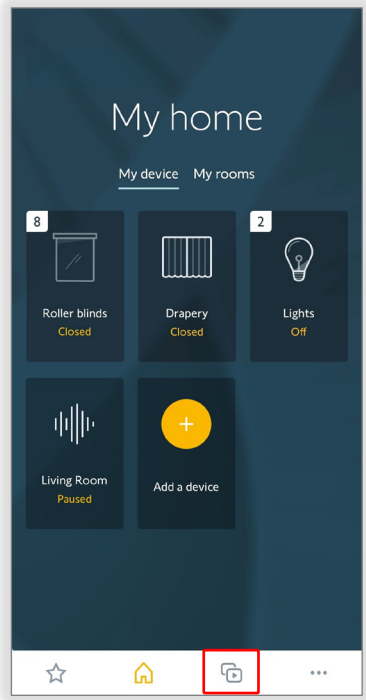
Prior to creating scenes with Sonos products, the Sonos system must be configured from the Sonos app. To create scenes, follow the steps below.

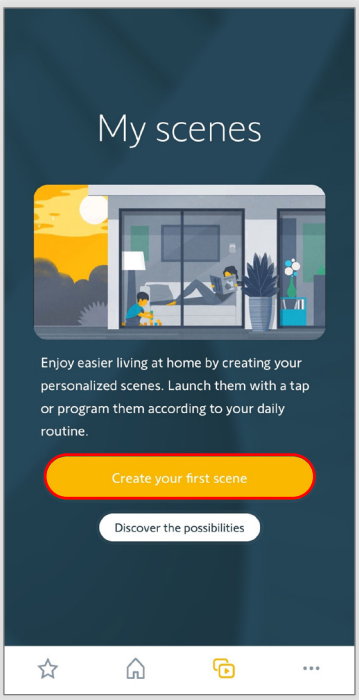
1) From My home, SELECT the My scenes icon
2) SELECT "Create your first scene"

   OR

   SELECT "Create a new scene" if other scenes have been created

   Example: "Create your first scene"





3) SELECT "Create my own scene"

   OR

   SELECT a scene suggestion, then follow the app instructions to complete the scene

   Example: "Create my own scene"

4) SELECT "Manual scene" to only launch the scene manually

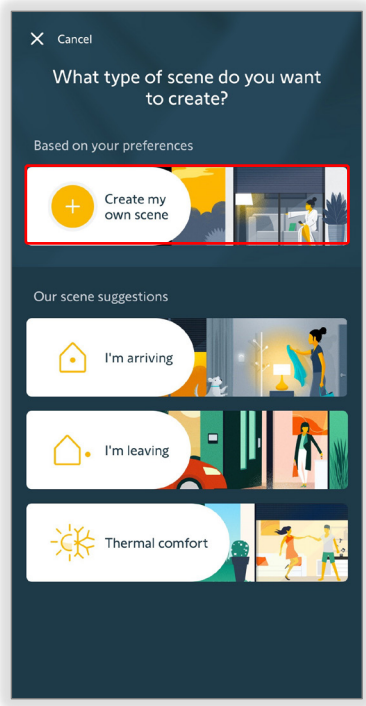
   OR

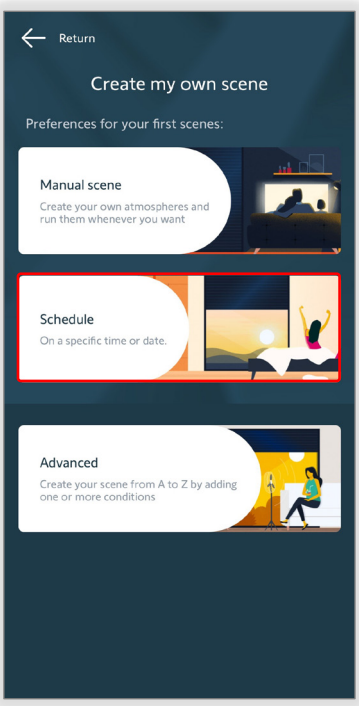
   SELECT "Schedule" to set a specific time the scene will launch

   OR

   SELECT "Advanced" to set multiple conditions before the scene will launch

   Example: "Schedule"





5) SELECT when the scene will start

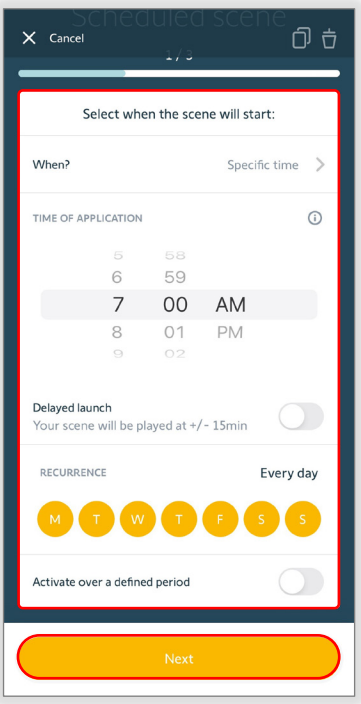
Example: "7:00 AM Every day"

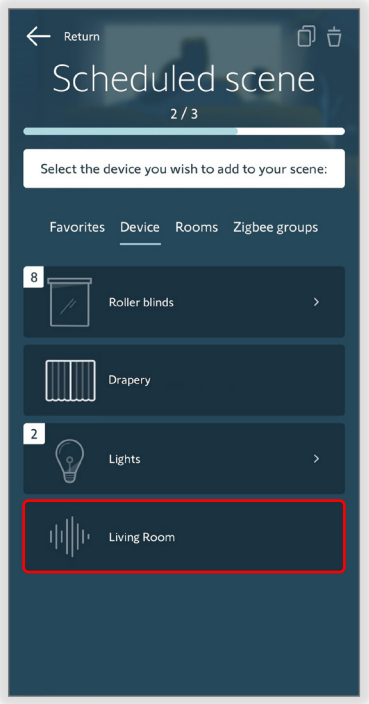
6) SELECT "Next"

7) SELECT the device to add to the scene

Multiple devices can be selected from Favorites, the Device list, or Rooms.

Example: "Living Room" speaker





8) SELECT what the Sonos speaker will do when the scenes starts

Example: "Playing music"

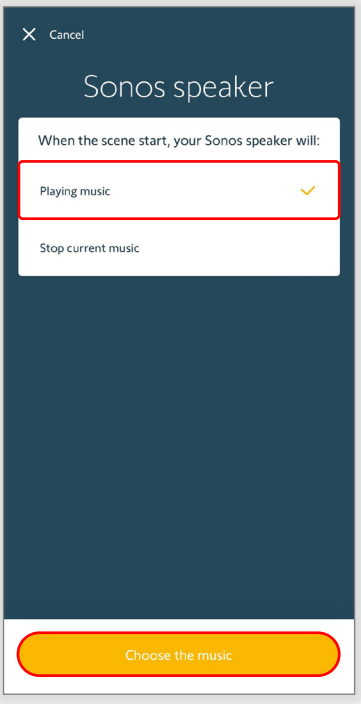
9) SELECT "Choose the music"

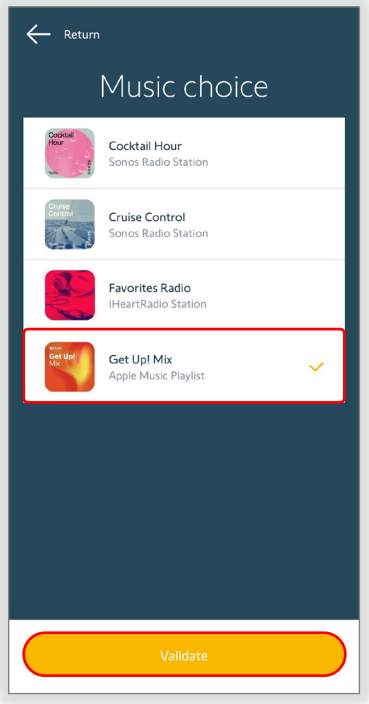
10) SELECT the content to play

All Sonos content must be configured from the Sonos app prior to this step.

Example: "Get Up! Mix"

11) SELECT "Validate"



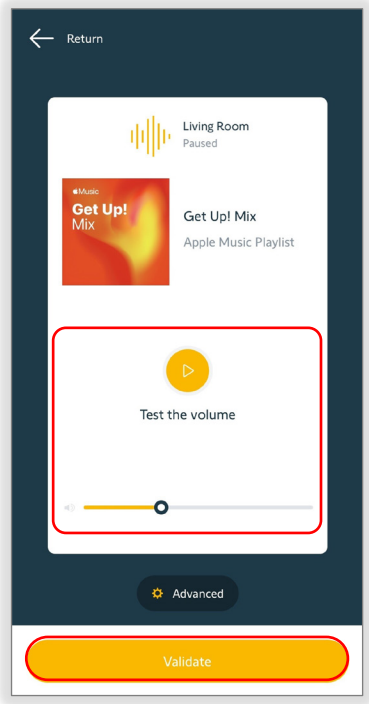


12) SELECT “Test the volume” to play the content, then adjust the desired volume level

13) SELECT “Validate”

Playing content on multiple speakers from the Sonos app may affect some TaHoma scenes.

14) SELECT “I understand”





If desired, select “Add another device” to include other devices to the scene.

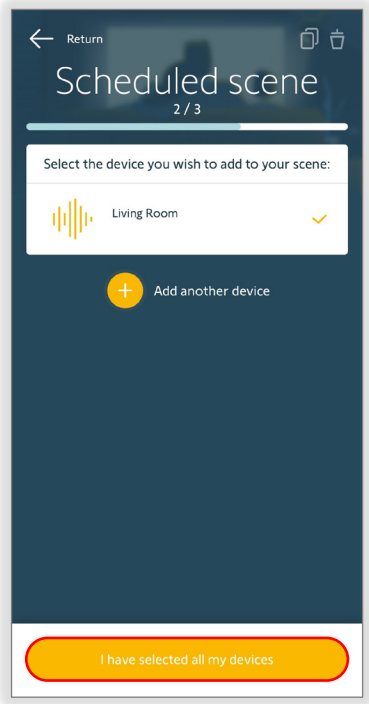
15) SELECT “I have selected all my devices”

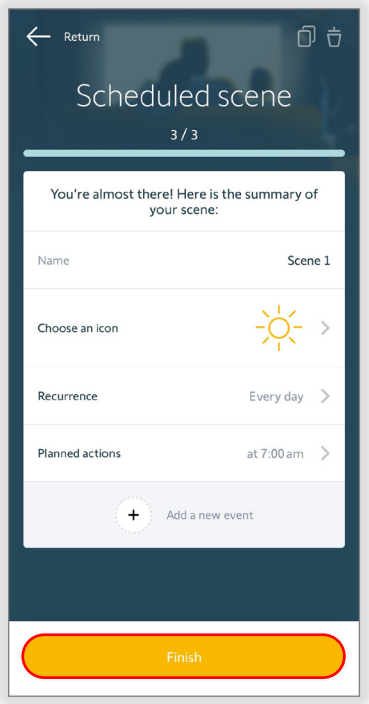
If necessary, enter a scene Name, choose an icon, or edit the schedule.

16) CONFIRM the summary of the scene, then SELECT “Finish”

The scene will display in the Scenes list.

Scenes can be added to Favorites, enabled/disabled, and edited.





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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SONOS | 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

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