INTEGRATION GUIDE

CRESTRON HOME® INTEGRATION for SOMFY CONNECT™ UAI PLUS



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I. OVERVIEW

INTRODUCTION

The Somfy Organization strength has been demonstrated with 50 years of experience in motorization. As leaders in the shading industry with innovation and modernization 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 Crestron® Integrators for achieving complete automation of Somfy Digital Network™ (SDN) motors and the Somfy Connect™ UAI Plus.

What does this Guide contain?

The sections of this guide contain walkthroughs and methods of controlling SDN motors using the Somfy Connect™ UAI Plus as the bridge between the AV System and Somfy Digital Network™ over IP/Ethernet.

This guide discusses a common method of integration with Crestron Home™.

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 to use this Guide?

This guide is designed as a reference manual.

RESOURCES

Visit www.somfypro.com for the following guides:

- Quick Start Guide Somfy Connect UAI Plus
- Somfy Connect UAI Plus Programming Guide

Refer to the Crestron Home Driver Information Help File

II. SET UP

The Somfy Connect™ UAI Plus is designed to control residential and commercial SDN motors through IP communication from the Crestron Home control processor.

Details of this controller and commissioning instruction are further referenced in the Somfy Connect™ UAI Plus Programming Guide.

SYSTEM REQUIREMENTS

PC running Windows 10 or higher

Somfy Connect UAI Plus with latest firmware

UAI Plus Integration Report

Crestron Somfy UAI Plus Gateway Driver

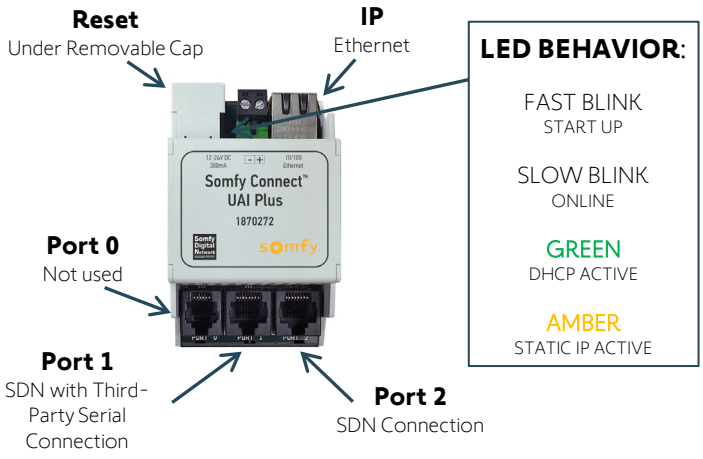
Crestron Home Setup Software

Crestron Home App

CONNECTIONS & INDICATORS

RS232/RS485 WIRING PINOUT			
Pin #	Color	Function	
		UAI Plus	*Third-Party*
1	Orange White	SDN RS485 (+)	-
2	Orange	SDN RS485 (-)	-
3	Green White	RS232 RX	RS232 TX
4	Blue	24V DC	-
5	Blue White	24V DC	-
6	Green	RS232 TX	RS232 RX
7	Brown White	SDN RS485 GND	GND
8	Brown	SDN RS485 GND	-

Crestron Home only integrates with the UAI Plus via IP, not RS232.



SYSTEM CONFIGURATION

A fully operational SDN system is required prior to Crestron programming.

- Confirm with Shade Commissioning Agent that the Somfy Connect UAI Plus firmware is up to date
- An Integration Report must be provided by the Shade Commissioning Agent which will include all network, telnet and system parameters

	A	B	C	D	E
1	UAI+IP Address	192.168.0.32			
2	MAC Address	00.1B.C5.00.0A.13			
3	UAI+ Firmware Version	02.03.11			
4	Telnet Users	Telnet 1	Telnet 2	Telnet 3	Telnet 4
5	Telnet Passwords	Password 1	Password 2	Password 3	Password 4
6					
7					
8	Motors	LABEL	Group 1	Group 2	Group 3
9	062936	Bath	ALL	Master Suite	
10	0A06B8	Patio	ALL	Exterior	
11	1305D6	Sheer	ALL	Master Suite	
12	135BF5	Blackout	ALL	Master Suite	
13	4000EA	Living Room	ALL	Living Room	
14	07273C	Kitchen	ALL	Kitchen	
15					
16					
17	GROUPS	INVERTED	DECIMAL	NAME	
18	010100	FFFEFE	1.1.0	ALL	
19	010101	FEFEFE	1.1.1	Kitchen	
20	010102	FDFEFE	1.1.2	Living Room	
21	010103	FCFEFE	1.1.3	Master Suite	
22	010104	FBFEFE	1.1.4	Exterior	

report

PAIR DEVICES

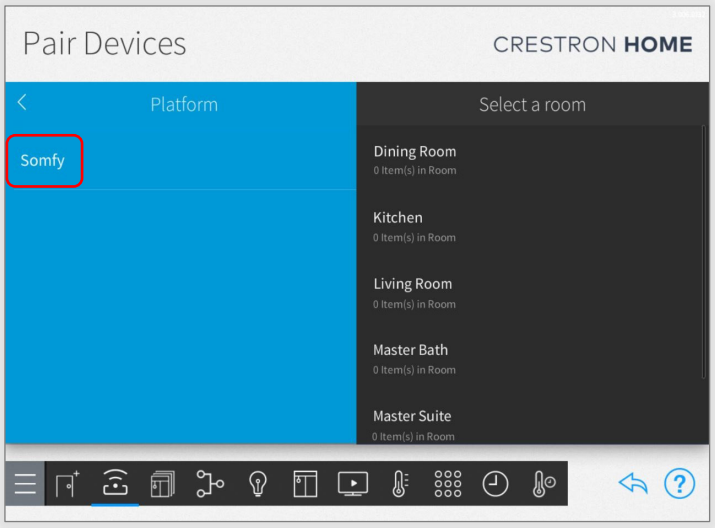
If integrating with multiple Somfy Connect UAI Plus devices, ensure each unit is installed on a separate Somfy Digital Network. Reference the Integration Report for the UAI Plus IP address and telnet credentials.

ADD UAI PLUS DEVICE TO A ROOM

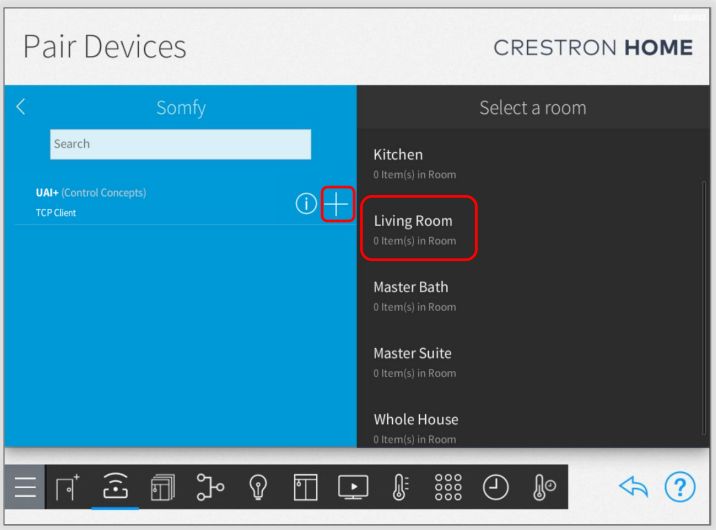
1) In the Crestron Home Setup software, first complete Step 1 of adding rooms to Build Your House
2) SELECT "Step 2" to Pair Devices



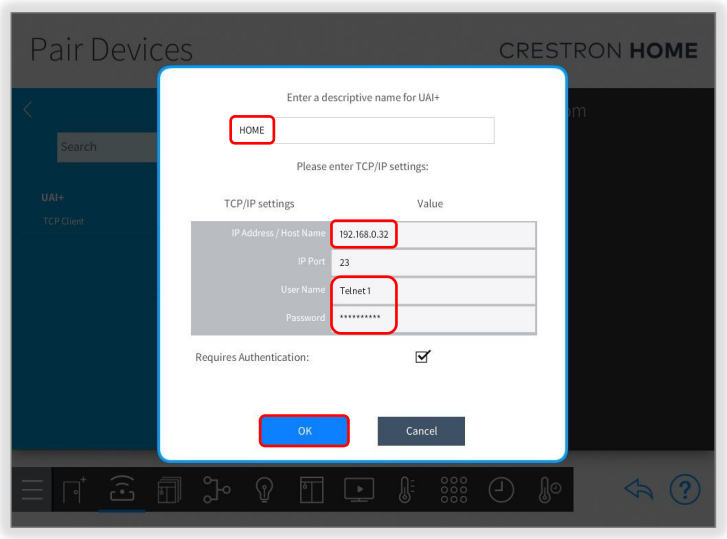
3) In Pair Devices:
   - SELECT "Drivers"
   - SELECT "Platform"
   - SELECT "Somfy"



4) SELECT a room where the UAI Plus is located
5) SELECT the + icon to add the UAI Plus to the selected room

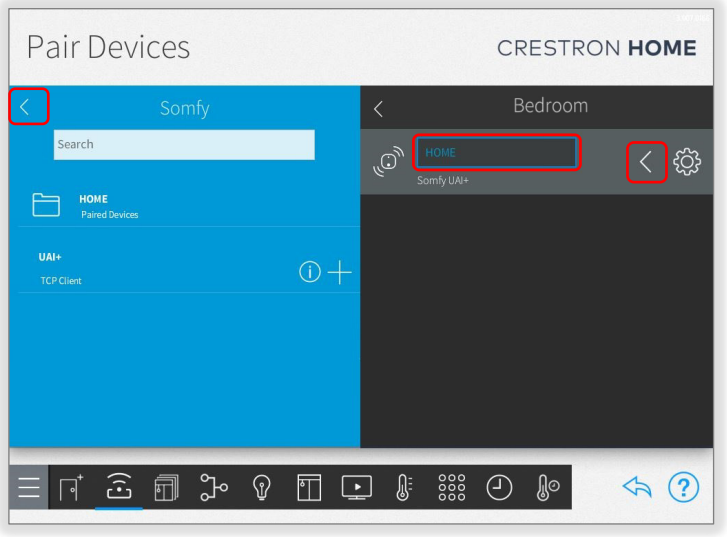


6) ENTER a descriptive name for the UAI Plus
7) ENTER the IP address of the UAI Plus
8) ENTER the Telnet User Name and Password of the UAI Plus
9) SELECT "OK"



In a multiple UAI Plus installation, repeat Step 4 for each additional UAI Plus

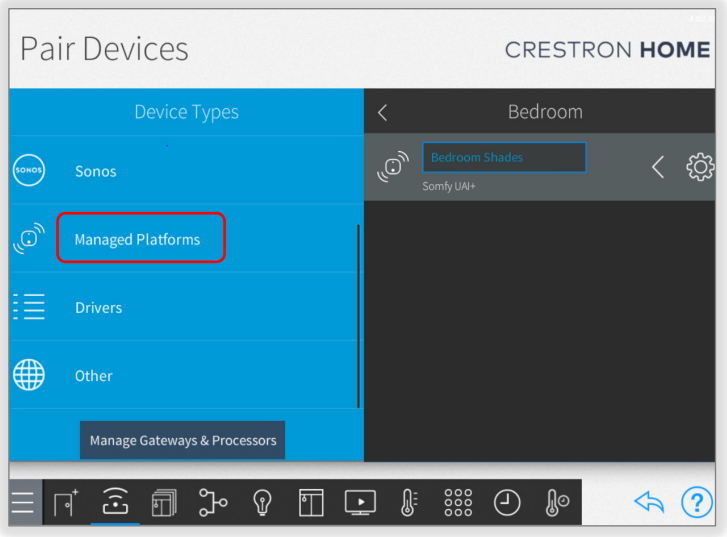
- To rename a UAI Plus, ENTER a new name in the Device Name field
- To remove a device, SELECT the left arrow icon



10) SELECT the left arrow to the left of "Somfy" to see a list of Device Types. SELECT the left arrow until you reach "Manage Platforms"

11) SELECT "Managed Platforms" to see the list of Device Types

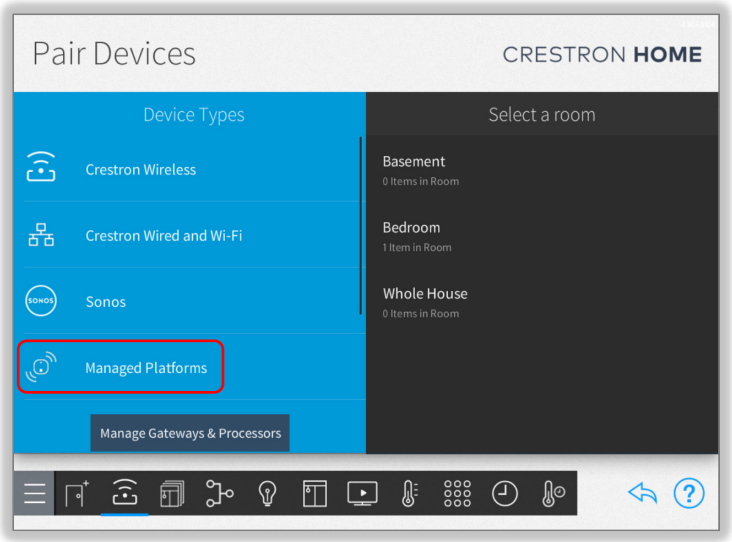
NOTE: Managed Platforms is where the shades/groups in the UAI+ reside as selectable.



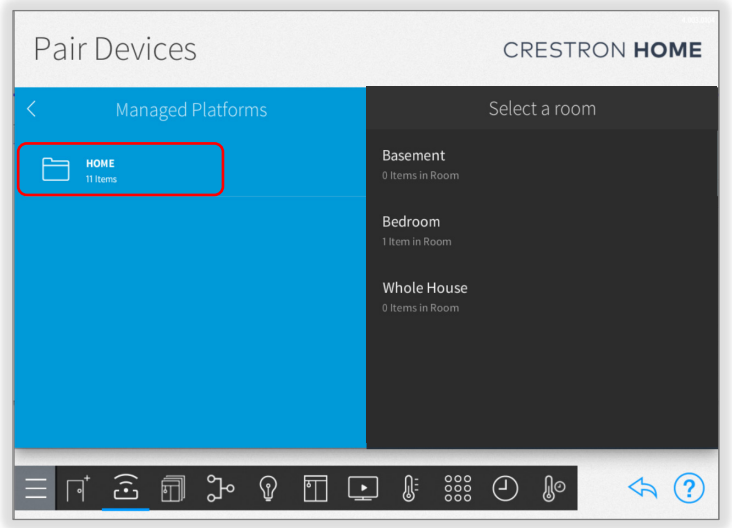
ADD UAI PLUS BLIND DEVICE TO A ROOM

1) NAVIGATE to Pair Devices, under Device Types find and SELECT "Managed Platforms"

   NOTE: The Paired Devices folder contains each Single Motor and Motor Group already programmed by the UAI Plus.

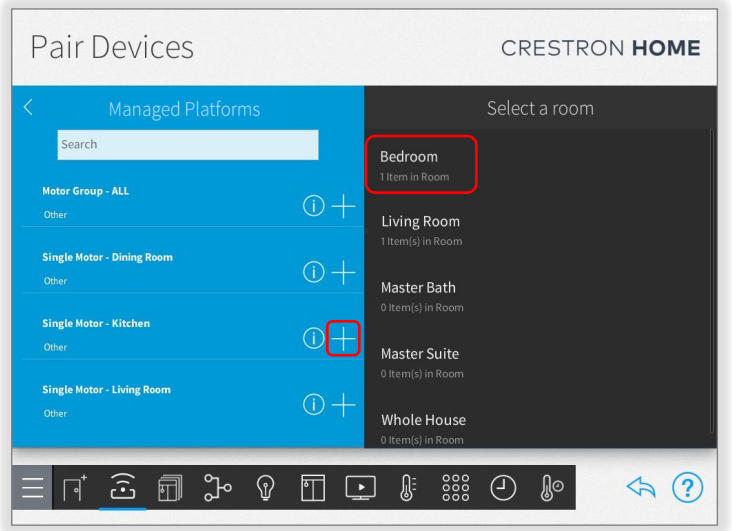


2) SELECT the folder with the Paired Devices installed

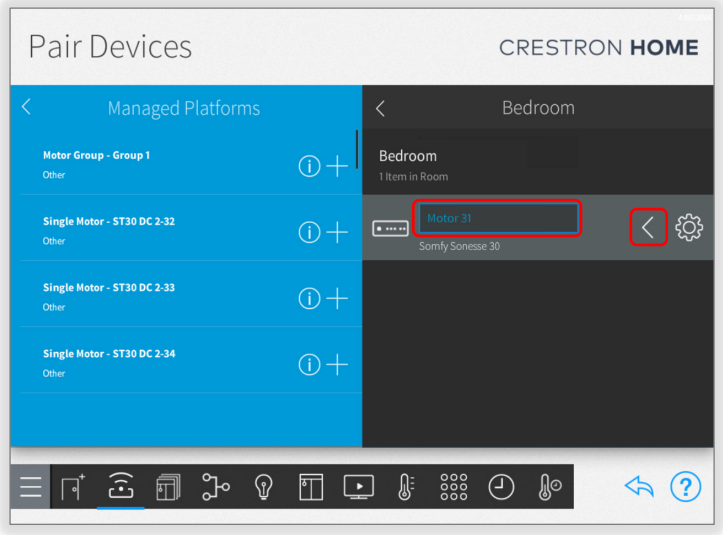


3) SELECT a room where a Paired Device is installed, SELECT the + icon to add the device to the appropriate room

   NOTE: Selecting Managed Platform will show the folder containing the motors the driver has detected.



4) ENTER a descriptive name for the Blind device, SELECT "OK"
    - To rename a device, ENTER a new name in the Device Name field
    - To remove a device, SELECT the left arrow icon
5) Use the Crestron Home App to test device operation



See Appendix A of this guide for a list of Somfy Connect UAI Plus specific commands and actions for SDN motors.

APPENDIX

[APPENDIX A] AVAILABLE COMMANDS & ACTIONS

SOMFY UAI PLUS BLINDS & GROUP COMMANDS	
Open	Moves blind to the fully open position
Close	Moves blind to the fully closed position
Stop	Stops blind when moving
Position	Moves blind to a percent closed (0% Open -100% Closed)

FOR QUESTIONS OR ASSISTANCE PLEASE CONTACT TECHNICAL SUPPORT:

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Follow the steps to access Service & Support.

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CRESTRON **HOME**

somfy®

Make the move

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.

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