

## INSTRUCTIONS

# PULSE HUB INTEGRATION - ALEXA

## ENABLING LUXOUT AUTOMATED SHADES



**IMPORTANT NOTE:** Amazon Alexa controls LuXout Motorized Shades via it's voice recognition. LuXout does not sell or service Amazon Alexa Products.

### About The App

LuXout Shade's motorized window treatments can be voice controlled easily through Amazon Alexa. Simple commands allow you to raise and lower your shades, or draw your drapery. Individual treatments, groupings of treatments, and user determined "scenes" can all be programmed for instant access.

### Getting Started

In order to control your motorized window treatments through Amazon Alexa, you will need to have:

- Your Amazon device.
- Purchased and set up your LuXout Shades Wi-Fi Hub.
- Downloaded LuXout Automate Shades app onto your mobile device.
- Integrated your motorized window treatments onto LuXout Automate Shades app.
- Downloaded and set up your Amazon Alexa app.



### Instructions Included:

Instructions on how to enable the LuXout Shade Wi-Fi Hub on Amazon Alexa.



### SPECIFICATION SUBMITTAL

JOB NAME	MODEL NUMBERS		
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JOB NUMBER	<input type="text"/>	<input type="text"/>	<input type="text"/>



1221 Admiral Street | Richmond, VA | 800-817-1204

Effective: June 1, 2019

# PULSE HUB INTEGRATION - ALEXA

## ENABLING LUXOUT AUTOMED SHADES



### Controlling Your Window Treatments Through Amazon Alexa

In order to get the most convenient control from your shades through Alexa, first consider how you plan to interact with them. If you plan to operate each window treatment individually, imagine what the most logical name might be while labeling the window treatments in the LuXout Shade Automate Shades app. For example, a name like "Dining Room Shade" might be easier to remember than Shade 4.

#### On/Off

Alexa currently considers window treatments as if they were lights. The most common way to interact with lights through Alexa is to "turn on" or "turn off" the lights. The same approach would apply to window treatments.

- To lower an individual shade, say "Alexa, turn on Bedroom shade".
- To raise an individual shade, say "Alexa, turn off Bedroom shade".

#### Scene Control

If you plan to trigger scenes through Alexa, consider what the most meaningful names might be when programming them into your LuXout Shade Pulse app. For instance, a scene named "Good Morning" is easy to remember and accurately describes the experience one might look for in that scene.

- To activate a scene created in the LuXout Shade Pulse app, say "Alexa, turn on Good Morning".  
(Scenes can only be created in the LuXout Automate Shades app.)

#### Group Control

A common method of operating window treatments throughout Alexa is through groups. These groups are often individual rooms, multiple room groupings, or a whole home. Please be aware that the rooms that you have programmed into your LuXout Automate Shades app will not automatically show up in your Amazon Alexa app. You will be required to create the groupings in Amazon Alexa, triggering it to operate is as simple as asking Alexa to turn on that group.

- To lower a group of window treatments configured in the Alexa App, say "Alexa, turn on Living Room shades".  
(See following instructions for directions on how to create a group in Amazon Alexa)

#### Percentage Control

An individual window treatment or group of window treatments can be set to a percentage of openness. The percentage will be based on what the programmed limits are on the motor. A shade that is ocmpletely raised to its upper limit is at 0% while a shade that is completely lowered to its lower limit is at 100%.

- To move an individual shade halfway up, say "Alexa, set Bedroom shade to 50%".



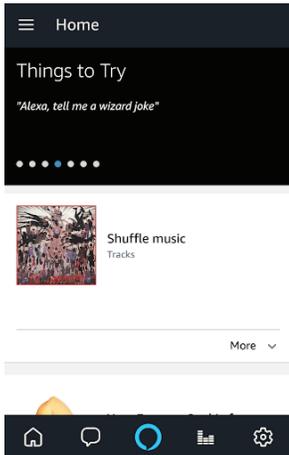
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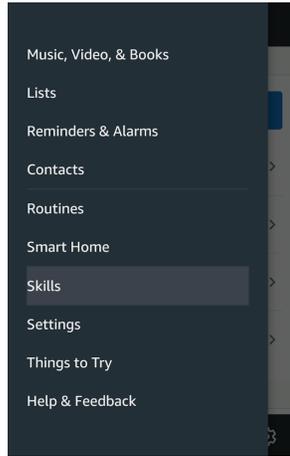


# INSTRUCTIONS

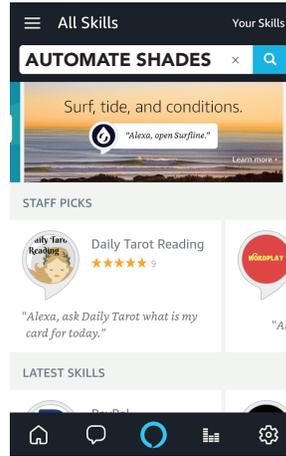
## PULSE HUB INTEGRATION - ALEXA ENABLING LUXOUT AUTOMATED SHADES



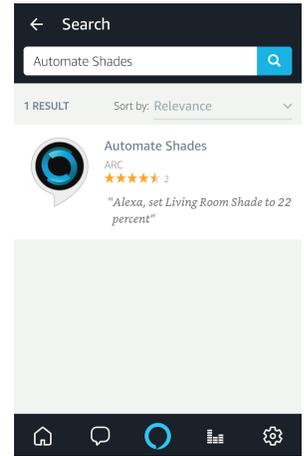
1). From the Home page in the Alexa app, select the main menu located in the top, left corner.



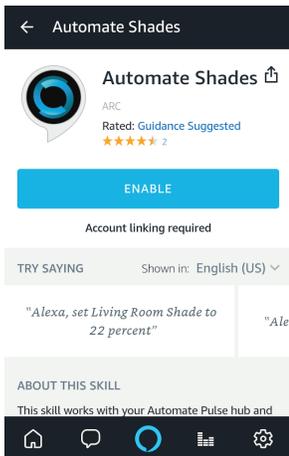
2). Select the "Skills" option from the main menu.



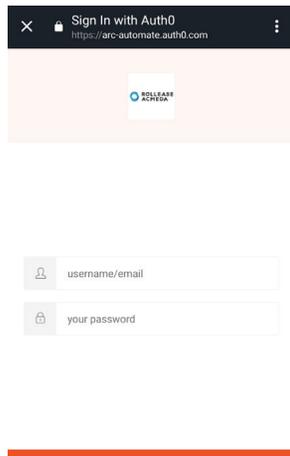
3). Search "Automate Shades" in the search bar at the top of the screen.



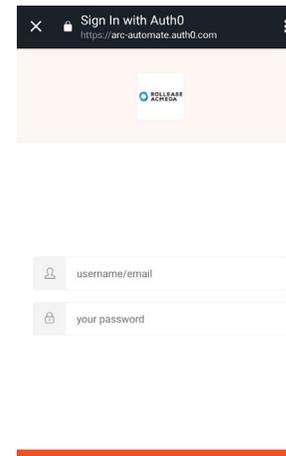
4). "Automate Shades" will appear in the results menu. Click on it.



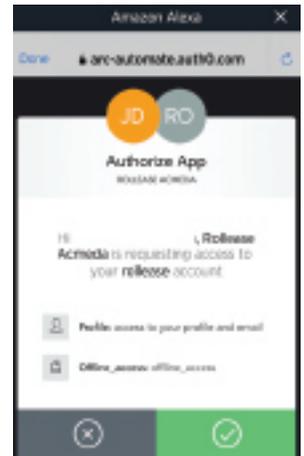
5). Click "Enable".



6). In order to acquire the Alexa functionality/skill you must link to your LuXout Automate Shades app account.



7). Enter the email and password associated with your LuXout Automate Shades app account that you would like to link.



8). Click on the green check mark button to continue.



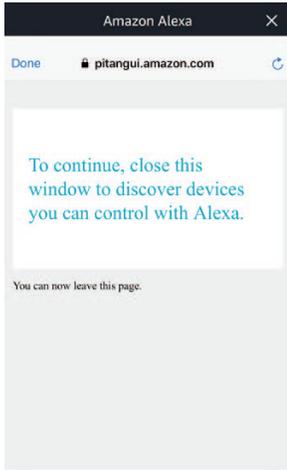
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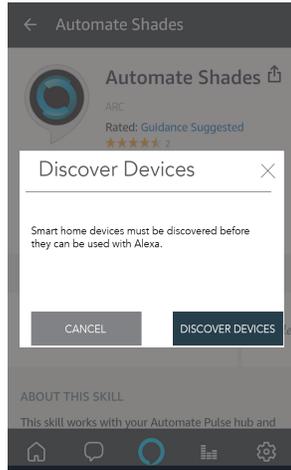


## INSTRUCTIONS

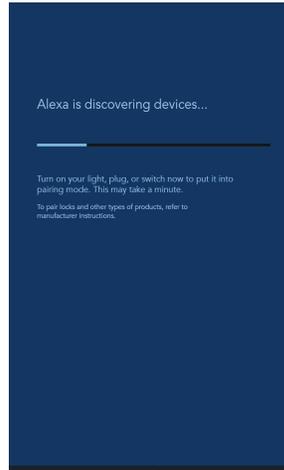
# PULSE HUB INTEGRATION - ALEXA DISCOVERING DEVICES & SCENES



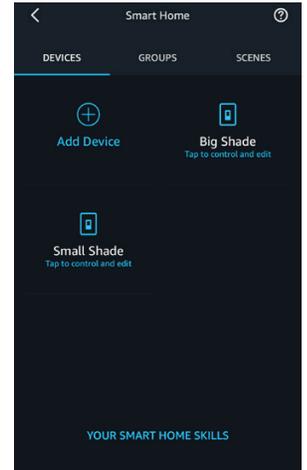
9). Once the account is linked, this page will appear. The LuXout Automate Shades Skill has now been enabled. To continue, click "Done" at the top left corner.



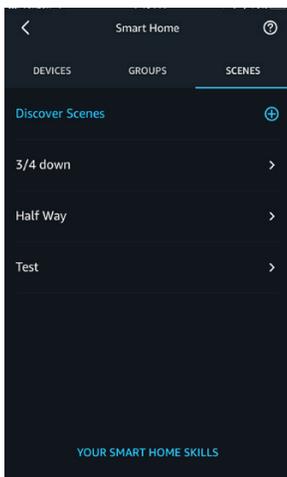
10). You will now be prompted to discover your motorized window treatments. Click "Discover Devices".



11). Your Alexa device will search for the motorized shades associated to your LuXout Automate Shades app account.



12). All of the motorized window treatments configured in your LuXout Automate Shades app account will now appear in the Devices section of the Alexa app.



13). All of the scenes previously configured in your LuXout Automate Shades app account will now appear in the Scenes section of the Alexa app.

### Setup Complete

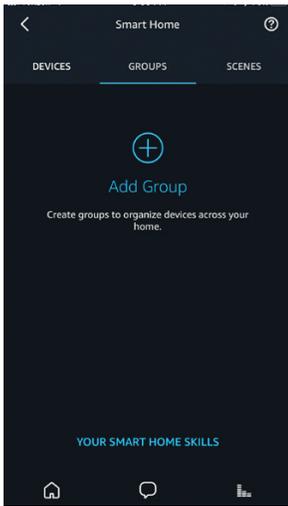
Your motorized shades and scenes can now be controlled through your Amazon Alexa device.



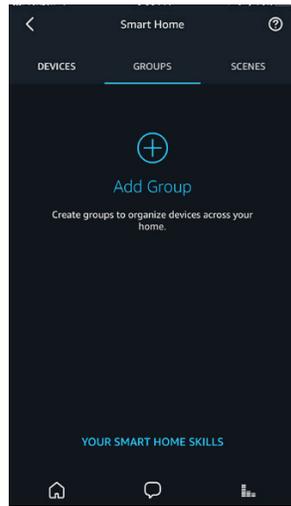
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# INSTRUCTIONS

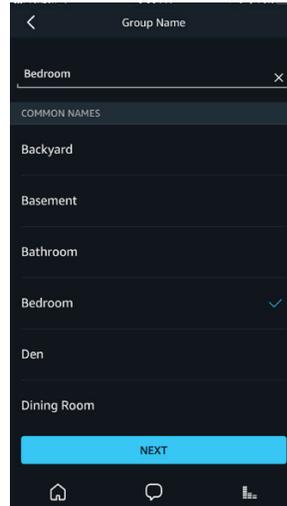
## PULSE HUB INTEGRATION - ALEXA CREATING GROUPS



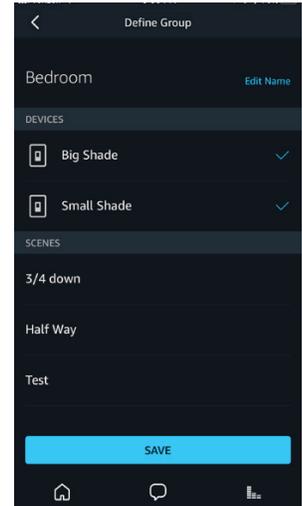
1). To create groups, select "Groups".



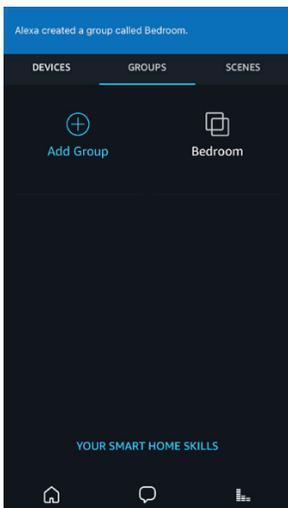
2). Select "Add Group".



3). Name the group and click "Next".



4). Select the motorized window treatments or scenes that you would like to incorporate into the group. Scroll to the bottom of the screen and select "Save".



5). You have now created a group of motorized window treatments in Alexa. Repeat steps for additional groups.

<b>JOB NAME</b> <input style="width: 95%; height: 20px;" type="text"/>	<b>MODEL NUMBERS</b> <input style="width: 20%; height: 20px;" type="text"/> <input style="width: 20%; height: 20px;" type="text"/> <input style="width: 20%; height: 20px;" type="text"/>		
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## INSTRUCTIONS

# PULSE HUB INTEGRATION - ELAN ENABLING LUXOUT AUTOMATED SHADES



**IMPORTANT NOTE:** ELAN controls LuXout Motorized Shades via ELAN's Rollease Acmeda Drive and must be performed by an authorized ELAN dealer. LuXout does not sell or service ELAN Products.

### ELAN Integration Overview

Take your motorized window treatment experience to the next level by integrating them into your ELAN smart home control system. The integration supports isolated shade control and features a two-way communication system offering real time shade position. The Wi-Fi Hub is available for purchase through LuXout Shades. It can integrate up to 20 shades and supports plug 'n play RS485 Serial integration through a RJ9 port conveniently located on the back of the Hub.

### Getting Started

In order to control your motorized window treatments through ELAN, you will need to have:

- Your ELAN device.
- Purchased and set up your LuXout Shades Wi-Fi Hub, one or more may be needed depending on the size of your home.
- Integrated your motorized window treatments onto the LuXout Automate Shades app.
- Downloaded the free app via the Apple App Store (available under iPhone apps) or the Google Play Store.



### Instructions Included:

Instructions on how to enable the LuXout Shade Wi-Fi Hub with ELAN. Set up instruction for both LuXout Pulse App and Hub located in the [LuXout Shades Resource Section](#).



### SPECIFICATION SUBMITTAL

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# INSTRUCTIONS

## PULSE HUB INTEGRATION - ELAN INSTRUCTIONS FOR AUTHORIZED DEALER



### ELAN Driver Installation

- 1). Window treatment equipment should be fully functioning prior to integration.
- 2). Connect the Wi-Fi Hub (LuXout Automate Pulse Hub) to an available ELAN serial port.
- 3). Download the Rollease Acmeada driver and documentation from the ELAN website.
- 4). In the ELAN Configurator, add the downloaded driver to the lighting tab and follow the provided documentation.
- 5). The driver will automatically find the hubs and shades on the serial connection once Discover Devices is pressed.
- 6). The driver is now fully functioning. Create pages and controls as desired for operation.

### ELAN Driver Guide

Simple installation of the hub driver, add the driver and auto-discover all shades and hubs.



### SPECIFICATION SUBMITTAL

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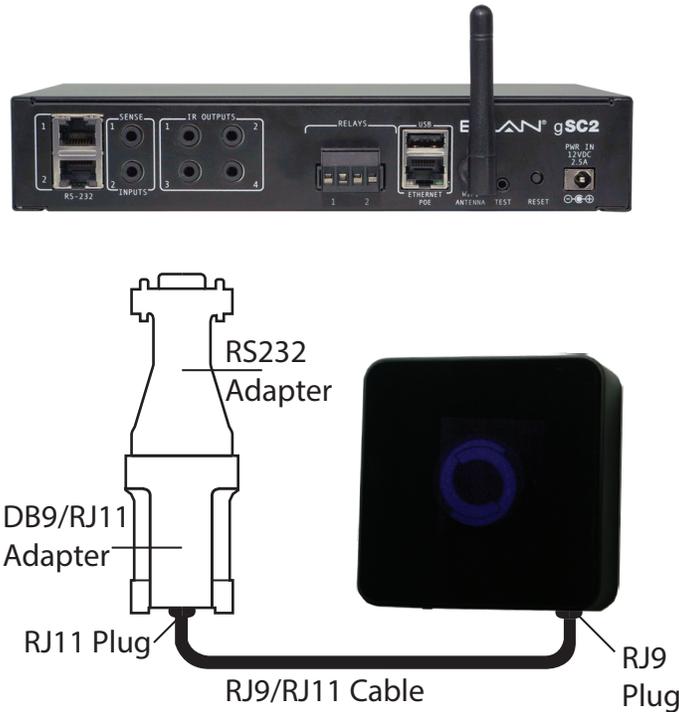


# INSTRUCTIONS

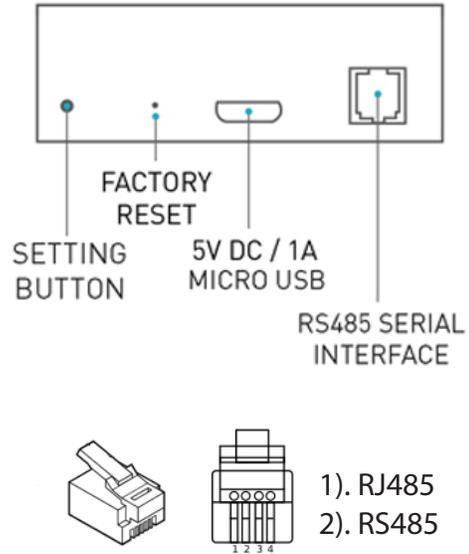
# PULSE HUB INTEGRATION - ELAN INSTRUCTIONS FOR AUTHORIZED DEALER



## Integration Diagram



## Wi-Fi Hub Connections



## Frequently Asked Questions

### No Wi-Fi Hub Detected

Make sure that your serial binding is assigned to the correct serial output of the ELAN controller. Confirm you are using the RS232 adapter supplied by LuXout Shades.

### Shade Limits Are Not Set Properly

Calibrate shade limits with your remote control before setting the appropriate open and close time within ELAN. Have your authorized LuXout Shades dealer properly set the LuXout Shade motor limits.

### Shade Is Not Moving At All

Make sure the selected Wi-Fi Hub is the correct Wi-Fi Hub for the shade to be controlled. Confirm the correct bindings are set in the ELAN connections tab between the Wi-Fi Hub and Shade drivers.

### I Have Multiple Wi-Fi Hubs, What Do I Do

Multiple Hubs are automatically detected during discovery.

### I Don't See Any Shade Bindings In The Hub Driver

Select "Retrieve Shades" located in the driver actions tab.

## ELAN Support

800.472.5555

M - F: 9am - 7pm EST



## SPECIFICATION SUBMITTAL

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1221 Admiral Street | Richmond, VA | 800-817-1204

Effective: June 1, 2019

## INSTRUCTIONS

# PULSE HUB INTEGRATION - CONTROL4 ENABLING LUXOUT AUTOMATED SHADES



**IMPORTANT NOTE:** CONTROL4 controls LuXout Motorized Shades via CONTROL4's Smart Home System. LuXout does not sell or service CONTROL4 products.

### CONTROL4 Integration Overview

Take your motorized window treatment experience to the next level by integrating them into your CONTROL4 smart home control system. The integration supports isolated shade control and features a two-way communication system offering real time shade position and battery level status. The Wi-Fi Hub is available for purchase through LuXout Shades. It can integrate up to 20 shades and supports plug 'n play RS485 or RS232 Serial integration through a RJ9 port conveniently located on the back of the Hub.

### Getting Started

In order to control your motorized window treatments through CONTROL4, you will need to have:

- Your CONTROL4 device.
- Purchased and set up your LuXout Shades Wi-Fi Hub, one or more may be needed depending on the size of your home.
- Integrated your motorized window treatments onto the LuXout Automate Shades app.
- Downloaded the free app via the Apple App Store (available under iPhone apps) or the Google Play Store.



### Instructions Included:

Instructions on how to enable the LuXout Shade Wi-Fi Hub with CONTROL4. Set up instruction for both LuXout Pulse App and Hub located in the [LuXout Shades Resource Section](#).



#### SPECIFICATION SUBMITTAL

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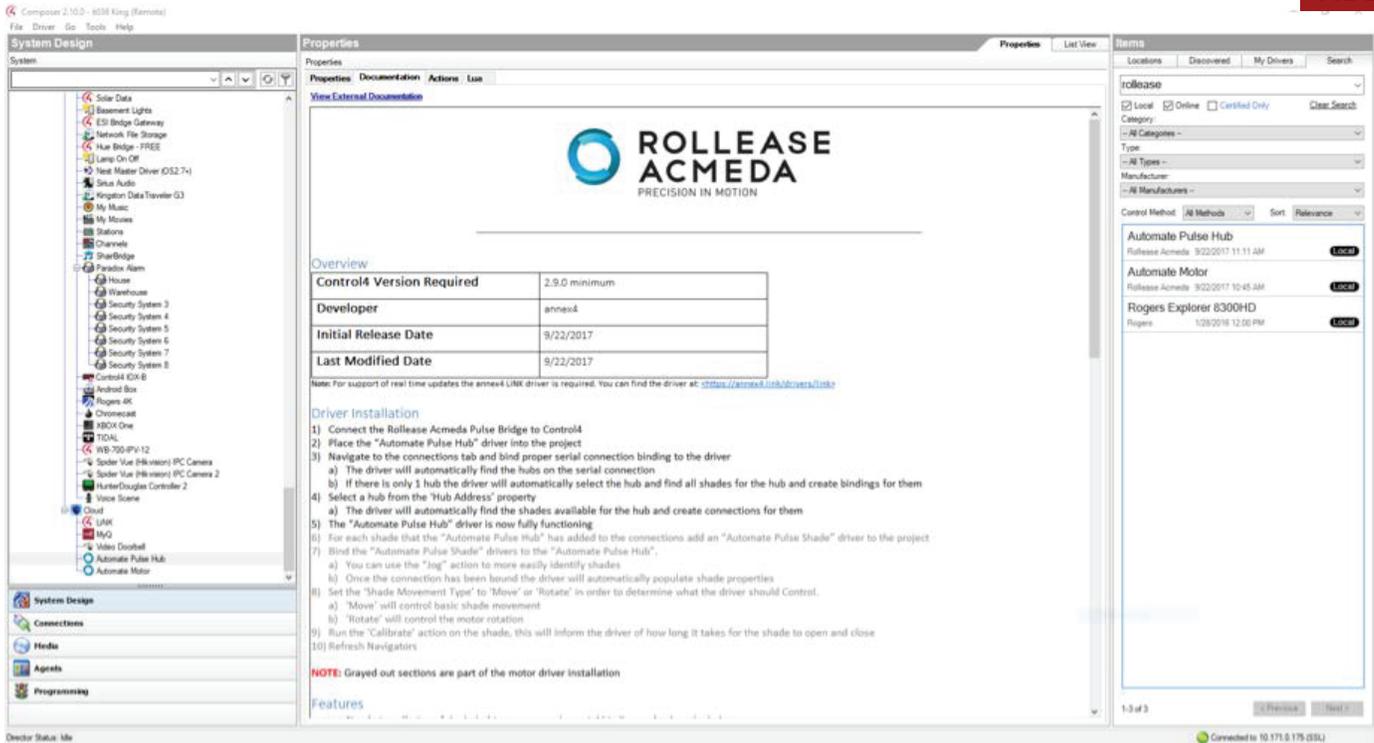


# INSTRUCTIONS

# PULSE HUB INTEGRATION - CONTROL4 INSTRUCTIONS FOR AUTHORIZED DEALER



## CONTROL4 Hub Driver Installation



1. Connect the Wi-Fi Hub (LuXout Shades Pulse Hub) to an available Control4 serial port.
2. Download the Pulse Hub Serial Driver  
(Available [http://www.rolleaseacmeda.com/us/products/product-detail/automate\\_control4\\_us](http://www.rolleaseacmeda.com/us/products/product-detail/automate_control4_us))
3. In Composer software, place the Automate Pulse Hub driver into the project
4. Navigate to the connections tab and bind proper serial connection binding to the driver
  - a. The driver will automatically find the hubs on the serial connection
  - b. If there is only 1 hub the driver will automatically select the hub and find all shades for the hub and create bindings for them
5. Select a hub from the 'Hub Address' property
  - a. The driver will automatically find the shades available for the hub and create connections for them
6. The "Automate Pulse Hub" driver is now fully functioning
7. For each shade that the "Automate Pulse Hub" has added to the connections add an "Automate Pulse Shade" driver to the project
8. Bind the "Automate Pulse Shade" drivers to the "Automate Pulse Hub".
  - a. You can use the "Jog" action to more easily identify shades
  - b. Once the connection has been bound the driver will automatically populate shade properties
9. Set the 'Shade Movement Type' to 'Move' or 'Rotate' in order to determine what the driver should Control.
  - a. 'Move' will control basic shade movement
  - b. 'Rotate' will control the motor rotation
10. Run the 'Calibrate' action on the shade, this will inform the driver of how long it takes for the shade to open and close
11. Refresh Navigators



### SPECIFICATION SUBMITTAL

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## INSTRUCTIONS

# PULSE HUB INTEGRATION - CONTROL4

## INSTRUCTIONS FOR AUTHORIZED DEALER



### LuXout Shades CONTROL4 Driver Guide

- Simple installation of the hub driver, connect the serial binding and select the hub.
- Responsive serial communication.
- Automatically calculates the travel time of the motors accurate to within 50ms.

Property	Description	
Auto Update	Enables or disables real time updates of the driver. For support of this property the annex4 LiNK driver is required.	
Driver Version	The current version of the driver.	
Server Version	The server version of the driver. For support of this property the annex4 LiNK driver is required.	
Debug Mode	Reports information to the log and Lua output window.	
Modes	Debug	Reports the data being moved around.
	Trace	Reports the flow of the driver.
	Info	Reports important pieces of information.
	Warning	Reports any small issues that arise.
	Error	Reports any large issues that arise.
	Fatal	Reports issues that cause the driver to fail.
Hub Address	The hub address that the driver is primarily communicating to. If only one hub is on the serial connection it will be automatically selected when the serial connection is bound.	
Detected Shades	Lists the addresses of all shades discovered on the hub.	
Terminal	Allows the dealer to manually send commands to the automate hub. Commands should be formatted with a starting ! and an ending ; Responses will show in the property after a couple hundred milliseconds.	



#### SPECIFICATION SUBMITTAL

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# INSTRUCTIONS

## PULSE HUB INTEGRATION - CONTROL4 INSTRUCTIONS FOR AUTHORIZED DEALER



### Actions

Action Name	Description
Retrieve Shades	Create bindings for paired shades on the serial connection.
Clear Shades	Clear the bindings created for shades on the serial connection.
Retrieve Hubs	Retrieves the available hubs on the serial connection.
Calibrate All	Informs each motor endpoint to calibrate its motor travel times.
Update Now	Updates the driver to the latest version.
Open All	Opens all shades.
Close All	Closes all shades.

### Connections

Control Name	Connection Type	Description
Serial RS-232	RS_232	The communication binding to the hub.
<Shade Address>	AUTOMATE_SHADE	The communication binding to blind shade endpoint.
LiNK Reveal	LINK_REVEAL	This connection is used for annex4's notification and display type devices. By using this binding you can get notifications on display type devices with minimal programming.



#### SPECIFICATION SUBMITTAL

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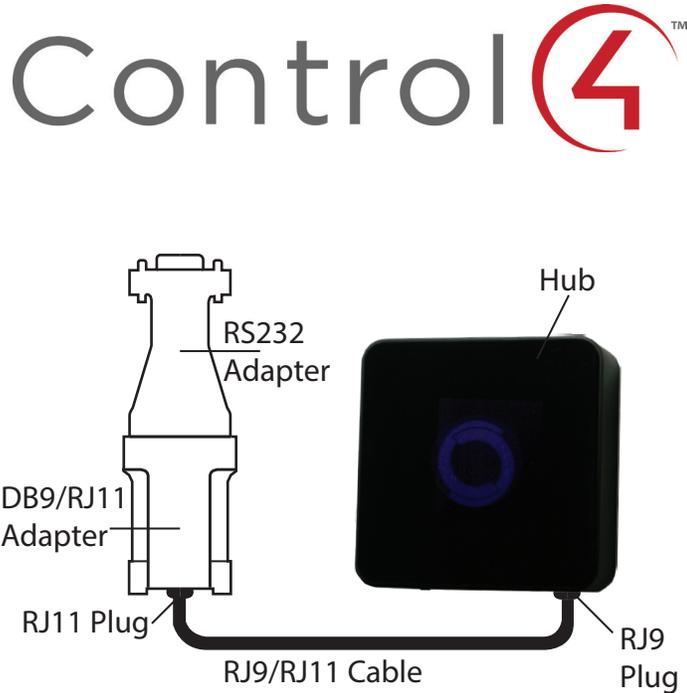


# INSTRUCTIONS

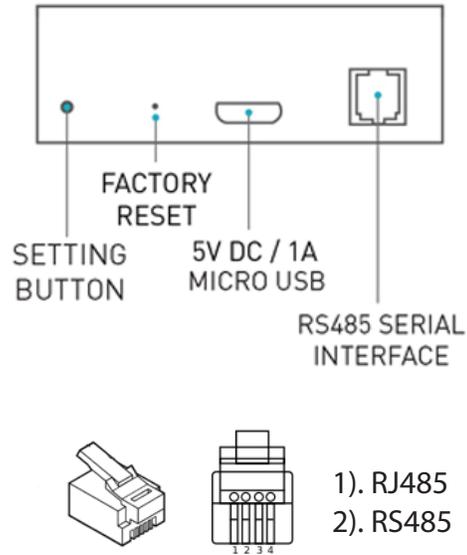
# PULSE HUB INTEGRATION - CONTROL4 INSTRUCTIONS FOR AUTHORIZED DEALER



## Integration Diagram



## Wi-Fi Hub Connections



## Frequently Asked Questions

### No Wi-Fi Hub Detected

Make sure that your serial binding is assigned to the correct serial output of the CONTROL4 controller. Confirm you are using the RS232 adapter supplied by LuXout Shades.

### Shade Limits Are Not Set Properly

Calibrate shade limits with your remote control before setting the appropriate open and close time within CONTROL4.

### Shade Is Not Moving At All

Make sure the selected Wi-Fi Hub is the correct Wi-Fi Hub for the shade to be controlled. Confirm the correct bindings are set in the CONTROL4 connections tab between the Wi-Fi Hub and Shade drivers.

### I Have Multiple Wi-Fi Hubs, What Do I Do

Load two Wi-Fi Hubs (LuXout Automate Pulse Hub) drivers. After selecting "Retrieve Hubs" located in the driver actions tab, you will see different Wi-Fi Hubs (Automate Pulse Hubs) - select the desired one.

### I Don't See Any Shade Bindings In The Hub Driver

Select "Retrieve Shades" located in the driver actions tab.

### How Do I Scan For Available Hubs

Once the Wi-Fi Hub (LuXout Automate Pulse Hub) is properly connected via the RS232 to RS485 adapter, navigate to the Hub Properties page within Composer. Select "Retrieve Hubs" located in the driver actions tab.

## CONTROL4/ ANNEX4 Support

888.9.annex4.com  
M - F: 8am - 5pm EST



### SPECIFICATION SUBMITTAL

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## INSTRUCTIONS

# PULSE HUB INTEGRATION - CRESTRON

## ENABLING LUXOUT AUTOMATED SHADES



**IMPORTANT NOTE:** Crestron controls LuXout Motorized Shades via Crestron's Smart Home System. LuXout does not sell or service Crestron products.

### CRESTRON Integration Overview

Take your motorized window treatment experience to the next level by integrating them into your Crestron smart home control system. The integration supports isolated shade control and features a two-way communication system offering real time shade position and battery level status. The Wi-Fi Hub is available for purchase through LuXout Shades. It can integrate up to 20 shades and supports plug 'n play RS485 or RS232 Serial integration through a RJ9 port conveniently located on the back of the Hub.

### Getting Started

In order to control your motorized window treatments through Crestron, you will need to have:

- Your Crestron device.
- Purchased and set up your LuXout Shades Wi-Fi Hub, one or more may be needed depending on the size of your home.
- Integrated your motorized window treatments onto the LuXout Automate Shades app.
- Downloaded the free app via the Apple App Store (available under iPhone apps) or the Google Play Store.



### Instructions Included:

Instructions on how to enable the LuXout Shade Wi-Fi Hub with Crestron. Set up instruction for both LuXout Pulse App and Hub located in the [LuXout Shades Resource Section](#).



### SPECIFICATION SUBMITTAL

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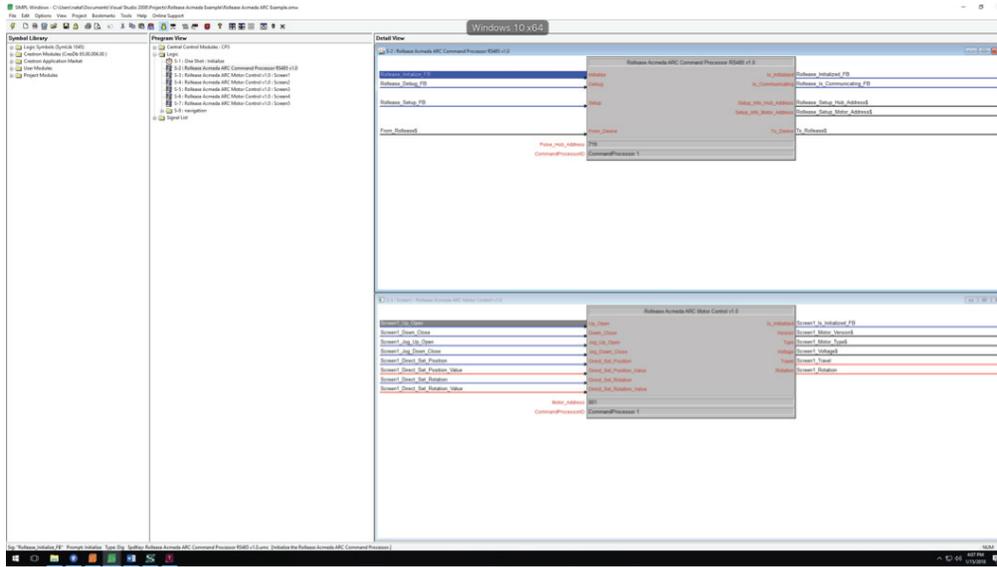


# INSTRUCTIONS

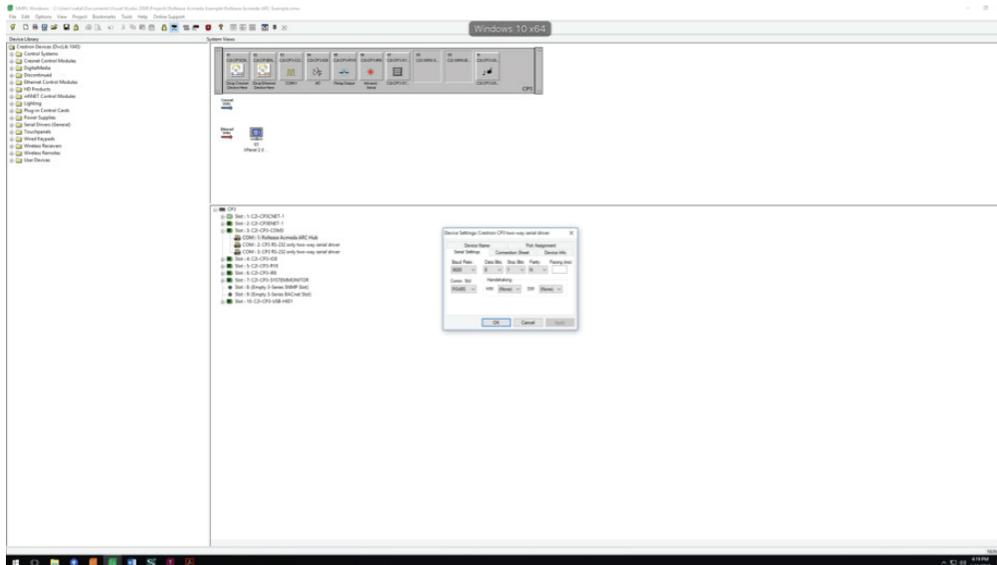
# PULSE HUB INTEGRATION - CRESTRON INSTRUCTIONS FOR AUTHORIZED DEALER

## CRESTRON Hub Driver Installation

1. Find Rollease Acmeda ARC Example file in Crestron Application Marketplace.
2. Unzip/open file. Load program Rollease Acmeda ARC Example.smw in the SIMPL Windows program.



3. Ensure Crestron controller has communication with TSS Hub. (Configure and test serial communication settings).



## SPECIFICATION SUBMITTAL

JOB NAME	MODEL NUMBERS		
JOB NUMBER			



## INSTRUCTIONS

# PULSE HUB INTEGRATION - CRESTRON INSTRUCTIONS FOR AUTHORIZED DEALER

### CRESTRON Hub Driver Installation

4. Debug with Toolbox.
5. From Touchpanel, click "Command Processor". Button will illuminate blue.
6. Click "Debug". Button will illuminate blue.
7. Using a remote or the LuXout Automate Pulse app, move each shade to initiate a response (in order to identify each).
8. Hub and motor addresses will automatically populate. Move each motor to identify each hub/motor address.

9. Once you have identified each shade, configure the module for each hub/motor in SIMPL Windows. Refer to Rollease Acmeda Certified Module Guide/help document for advanced system configuration.



**Certified Module**

**Partner: Rollease Acmeda**  
**Model: ARC**  
**Device Type: Motor Control**



#### GENERAL INFORMATION

<b>SIMPLWINDOWS NAME:</b>	Rollease Acmeda ARC Command Processor RS485 v1.0
<b>CATEGORY:</b>	Shades/Drapes
<b>VERSION:</b>	1.0
<b>SUMMARY:</b>	This module controls all RS485 communications with the Rollease Acmeda hub.
	This module is the core RS485 communication module for a suite of modules. The suite of modules utilizes the SIMPL# technology and will only work on the 3-Series controller. Up to 32 instances of this module can be used in a single program slot. The module has a parameter that allows you to choose one of the 32 instance IDs. Each instance ID can only be used once. The other module in the suite is a control module. Control modules are responsible for providing the actual control interface in



#### SPECIFICATION SUBMITTAL

<b>JOB NAME</b>	<b>MODEL NUMBERS</b>		
<b>JOB NUMBER</b>			

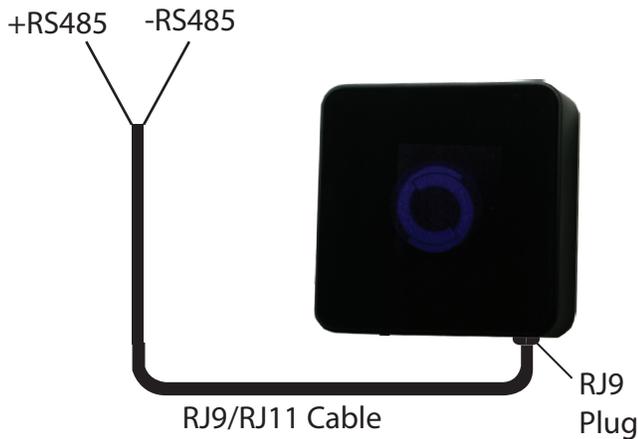


# INSTRUCTIONS

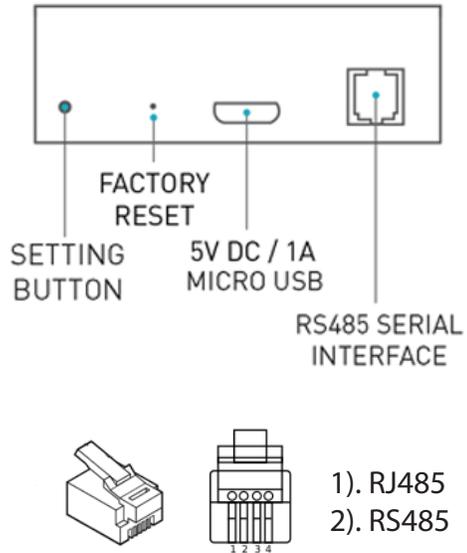
# PULSE HUB INTEGRATION - CRESTRON

## INSTRUCTIONS FOR AUTHORIZED DEALER

### Integration Diagram



### Wi-Fi Hub Connections



## Frequently Asked Questions

### No Wi-Fi Hub Detected

Make sure that the correct 485 port is defined on the Crestron controller.

### Shade Limits Are Not Set Properly

Calibrate shade limits with your remote control before configuring shade in Crestron system.

### Shade Is Not Moving At All

Make sure the selected Wi-Fi Hub is the correct Wi-Fi Hub for the shade to be controlled.

### I Have Multiple Wi-Fi Hubs, What Do I Do

Multiple Hubs are automatically detected during discovery.

### How Do I Scan For Available Hubs

Utilize the DEBUG function from the Touchpanel.

## Crestron Support

201.797.7900

M - F: 8am - 5pm EST



### SPECIFICATION SUBMITTAL

JOB NAME	MODEL NUMBERS		
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
JOB NUMBER			
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Effective: June 1, 2019

## INSTRUCTIONS

# PULSE HUB INTEGRATION - AMX ENABLING LUXOUT AUTOMATED SHADES



**IMPORTANT NOTE:** AMX controls LuXout Motorized Shades via AMX's Smart Home System. LuXout does not sell or service AMX products.

### AMX Integration Overview

Take your motorized window treatment experience to the next level by integrating them into your AMX smart home control system. The integration supports isolated shade control and features a two-way communication system offering real time shade position and battery level status. The Wi-Fi Hub is available for purchase through LuXout Shades. It can integrate up to 20 shades and supports plug 'n play RS485 or RS232 Serial integration through a RJ9 port conveniently located on the back of the Hub.

### Getting Started

In order to control your motorized window treatments through AMX, you will need to have:

- Your AMX device.
- Purchased and set up your LuXout Shades Wi-Fi Hub, one or more may be needed depending on the size of your home.
- Integrated your motorized window treatments onto the LuXout Automate Shades app.
- Downloaded the free app via the Apple App Store (available under iPhone apps) or the Google Play Store.



### Instructions Included:

Instructions on how to enable the LuXout Shade Wi-Fi Hub with AMX. Set up instruction for both LuXout Pulse App and Hub located in the [LuXout Shades Resource Section](#).



### SPECIFICATION SUBMITTAL

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# INSTRUCTIONS

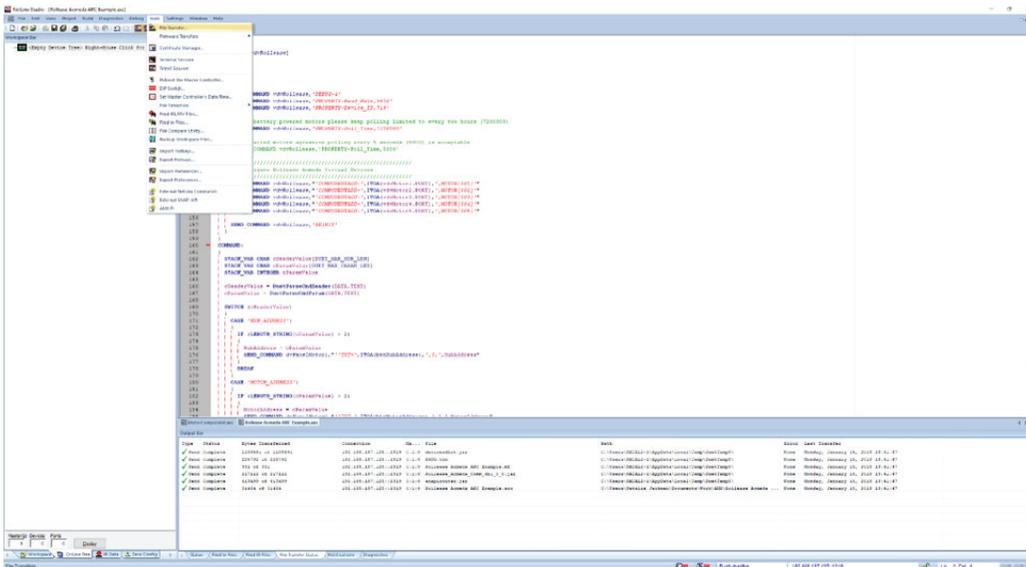
# PULSE HUB INTEGRATION - AMX INSTRUCTIONS FOR AUTHORIZED AMX DEALER

## AMX Hub Driver Installation

1. Find Rollease Acmeda ARC Example file downloadable at AMX third party tech center. Open with Netlinx.

Name	Date modified	Type	Size
Packaged	12/21/2017 9:05 AM	File folder	
.gitignore	12/21/2017 9:02 AM	GITIGNORE File	1 KB
Duet Rollease Acmeda ARC Interface.doc	1/4/2018 4:23 PM	Microsoft Word 9...	175 KB
MotorComponent.axs	12/20/2017 6:52 PM	NetLinx Studio 4 A...	9 KB
MotorComponent.src	1/15/2018 1:25 PM	SRC File	28 KB
MotorComponent.tkn	1/15/2018 1:25 PM	TKN File	103 KB
MotorComponent.tko	1/15/2018 1:25 PM	TKO File	534 KB
Rollease Acmeda ARC Example.apw	12/15/2017 2:51 PM	NetLinx Studio 4 A...	5 KB
Rollease Acmeda ARC Example.axs	1/15/2018 2:48 PM	NetLinx Studio 4 A...	7 KB
Rollease Acmeda ARC Example.src	1/15/2018 1:26 PM	SRC File	31 KB
Rollease Acmeda ARC Example.tkn	1/15/2018 1:26 PM	TKN File	1,856 KB
Rollease Acmeda ARC Example.tko	1/15/2018 1:26 PM	TKO File	532 KB
Rollease Acmeda Netlinx Demo.TP4	1/15/2018 2:19 PM	TP4.Document	2,059 KB

2. Click Tools. Select File Transfer.



### SPECIFICATION SUBMITTAL

<b>JOB NAME</b>	<b>MODEL NUMBERS</b>		
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<b>JOB NUMBER</b>			
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# INSTRUCTIONS

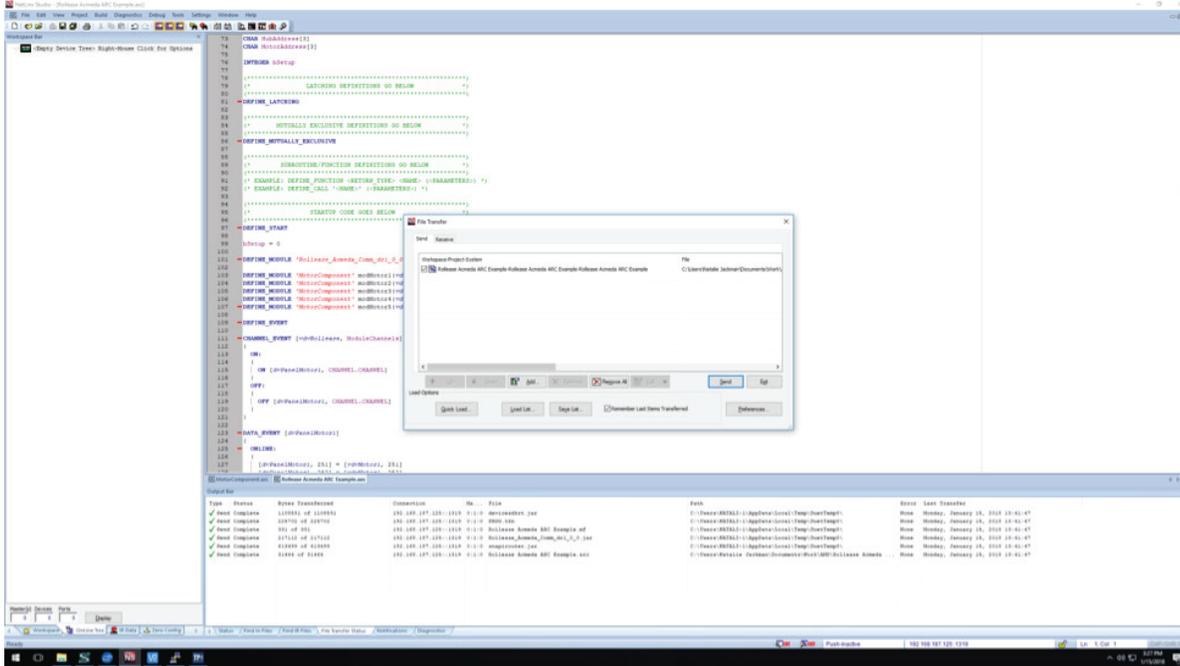
## PULSE HUB INTEGRATION - AMX

### INSTRUCTIONS FOR AUTHORIZED AMX DEALER

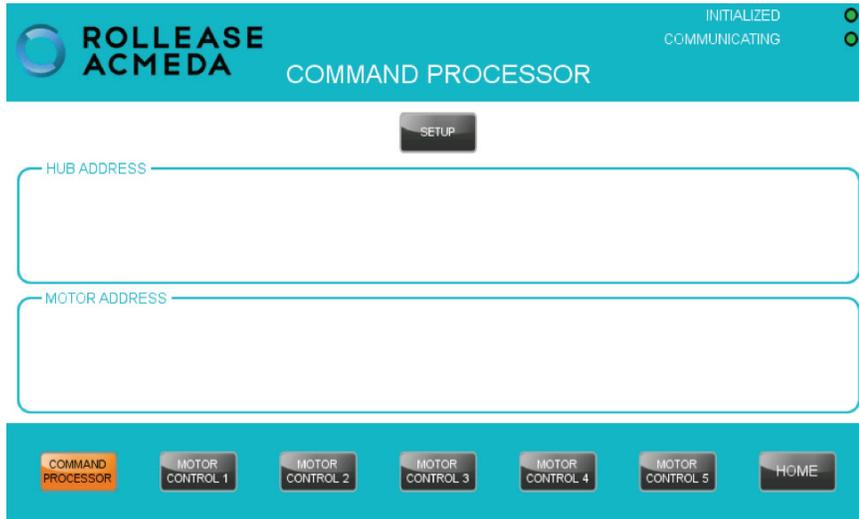


### AMX Hub Driver Installation

3. File Transfer window will open. Assuming connection settings are established and functional. Select "Rollease Acmeda Arc Example" file to send to control system. Click SEND.



4. Interface will present on touchpanel.
5. Click "Command Processor" button. Button will illuminate orange.



#### SPECIFICATION SUBMITTAL

<b>JOB NAME</b>	<b>MODEL NUMBERS</b>		
<b>JOB NUMBER</b>			



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Effective: June 1, 2019

# INSTRUCTIONS

## PULSE HUB INTEGRATION - AMX INSTRUCTIONS FOR AUTHORIZED AMX DEALER

### AMX Hub Driver Installation

6. Click "Setup". Button will illuminate orange

ROLLEASE ACMEDA COMMAND PROCESSOR

INITIALIZED  
COMMUNICATING

SETUP

HUB ADDRESS

MOTOR ADDRESS

COMMAND PROCESSOR MOTOR CONTROL 1 MOTOR CONTROL 2 MOTOR CONTROL 3 MOTOR CONTROL 4 MOTOR CONTROL 5 HOME

7. Using a remote or the LuXout Automate Pulse App, move each shade to initiate a response in order to identify address.

8. Hub and motor addresses will automatically populate. Jog each motor in RA app to identify address.

ROLLEASE ACMEDA COMMAND PROCESSOR

INITIALIZED  
COMMUNICATING

SETUP

HUB ADDRESS  
719

MOTOR ADDRESS  
002

COMMAND PROCESSOR MOTOR CONTROL 1 MOTOR CONTROL 2 MOTOR CONTROL 3 MOTOR CONTROL 4 MOTOR CONTROL 5 HOME



### SPECIFICATION SUBMITTAL

JOB NAME	MODEL NUMBERS		
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JOB NUMBER			
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>



# INSTRUCTIONS

## PULSE HUB INTEGRATION - AMX INSTRUCTIONS FOR AUTHORIZED AMX DEALER



### AMX Hub Driver Installation

9. Once you have identified each shade, configure the RA module for each hub/motor in Netlinx. Refer to "Duet Rollease Acmeda ARC Interface" document located in the zip file in the Duet module for advanced system configuration.

```
148 //////////////////////////////////////  
149 // Configure Rollease Acmeda Virtual Devices  
150 //////////////////////////////////////  
151 SEND_COMMAND vdvRollease, " 'COMPONENTADD-',ITOA(vdvMotor1.PORT), ',MOTOR[001]'"  
152 SEND_COMMAND vdvRollease, " 'COMPONENTADD-',ITOA(vdvMotor2.PORT), ',MOTOR[002]'"  
153 SEND_COMMAND vdvRollease, " 'COMPONENTADD-',ITOA(vdvMotor3.PORT), ',MOTOR[003]'"  
154 SEND_COMMAND vdvRollease, " 'COMPONENTADD-',ITOA(vdvMotor4.PORT), ',MOTOR[004]'"  
155 SEND_COMMAND vdvRollease, " 'COMPONENTADD-',ITOA(vdvMotor5.PORT), ',MOTOR[005]'"  
156
```



### SPECIFICATION SUBMITTAL

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<b>JOB NUMBER</b> <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

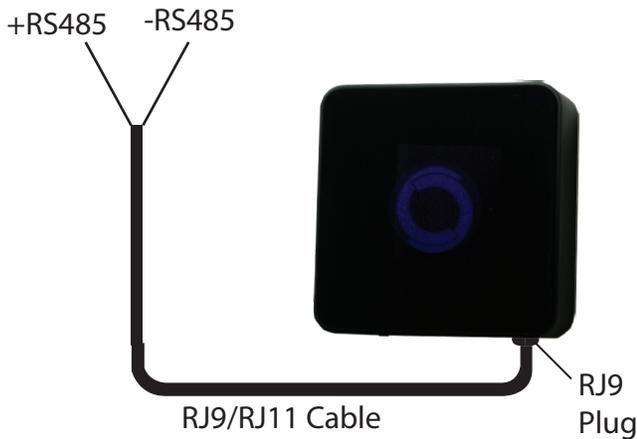


# INSTRUCTIONS

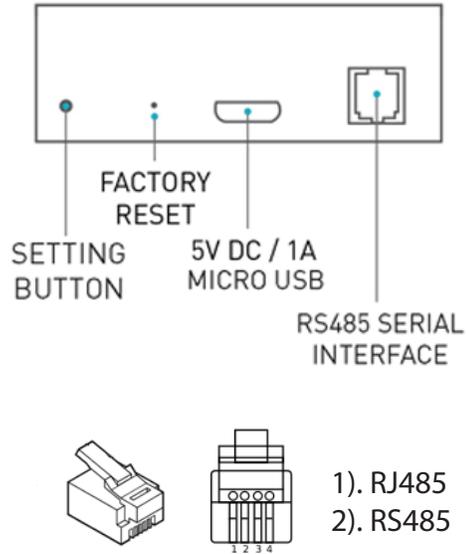
## PULSE HUB INTEGRATION - AMX INSTRUCTIONS FOR AUTHORIZED AMX DEALER



### Integration Diagram



### Wi-Fi Hub Connections



### Frequently Asked Questions

#### No Wi-Fi Hub Detected

Make sure that the correct 485 port is defined on the AMX controller.

#### Shade Limits Are Not Set Properly

Calibrate shade limits with your remote control before configuring shade in AMX system.

#### Shade Is Not Moving At All

Make sure the selected Wi-Fi Hub is the correct Wi-Fi Hub for the shade to be controlled.

#### I Have Multiple Wi-Fi Hubs, What Do I Do

Multiple Hubs are automatically detected during discovery.

#### How Do I Scan For Available Hubs

Utilize the Touchpanel to scan motors/hubs as they are moved from the TSS app or remote control.

### AMX Support

201.797.7900

M - F: 8am - 5pm EST



### SPECIFICATION SUBMITTAL

JOB NAME	MODEL NUMBERS		
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JOB NUMBER	<input type="text"/>	<input type="text"/>	<input type="text"/>



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Effective: June 1, 2019

## INSTRUCTIONS

# PULSE HUB INTEGRATION - SAVANT ENABLING LUXOUT AUTOMATED SHADES



**IMPORTANT NOTE:** Savant controls LuXout Motorized Shades via Savant's Smart Home System. LuXout does not sell or service Savant products.

### Savant Integration Overview

Take your motorized window treatment experience to the next level by integrating them into your Savant smart home control system. The integration supports isolated shade control and features a two-way communication system offering real time shade position and battery level status. The Wi-Fi Hub is available for purchase through LuXout Shades. It can integrate up to 20 shades and supports plug 'n play RS485 or RS232 Serial integration through a RJ9 port conveniently located on the back of the Hub.

### Getting Started

In order to control your motorized window treatments through Savant, you will need to have:

- Your Savant device.
- Purchased and set up your LuXout Shades Wi-Fi Hub, one or more may be needed depending on the size of your home.
- Integrated your motorized window treatments onto the LuXout Automate Shades app.
- Downloaded the free app via the Apple App Store (available under iPhone apps) or the Google Play Store.



### Instructions Included:

Instructions on how to enable the LuXout Shade Wi-Fi Hub with Savant. Set up instruction for both LuXout Pulse App and Hub located in the [LuXout Shades Resource Section](#).



### SPECIFICATION SUBMITTAL

<b>JOB NAME</b> <input type="text"/>	<b>MODEL NUMBERS</b> <input type="text"/> <input type="text"/> <input type="text"/>		
<b>JOB NUMBER</b> <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

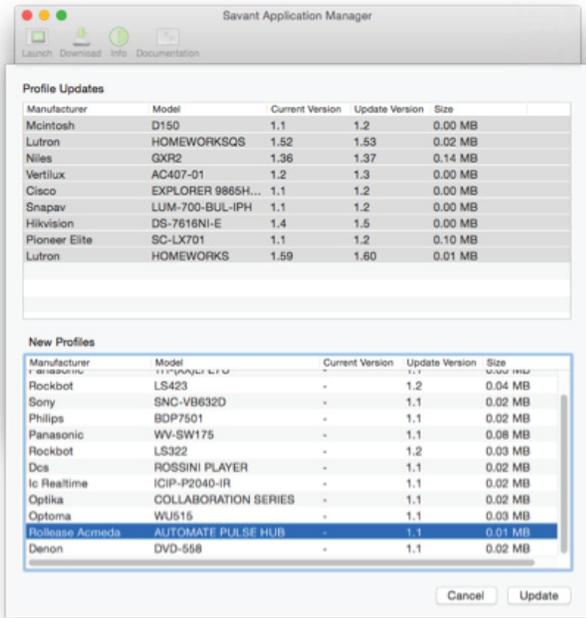


# INSTRUCTIONS

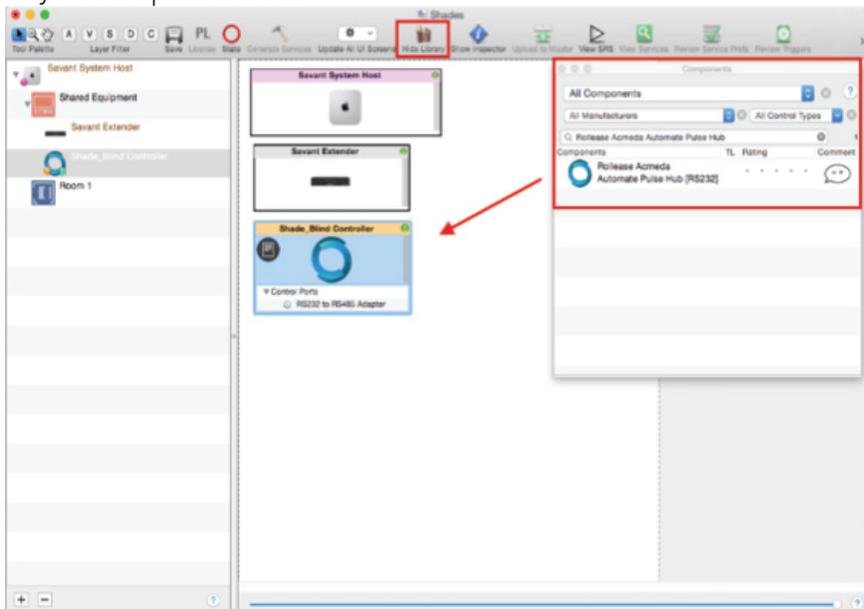
## PULSE HUB INTEGRATION - SAVANT INSTRUCTIONS FOR AUTHORIZED SAVANT DEALER

### Savant Hub Driver Installation

1. Open the Savant Application Manager and update your profile library. If you do not already have the LuXout Automate Pulse HUB profile in your library, it will appear in the "New Profiles" list.



2. Open your current Blueprint configuration and locate the Release Acmeda profile within the Library, then drag the item into your Blueprint canvas.



### SPECIFICATION SUBMITTAL

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<b>JOB NUMBER</b>	<input type="text"/>	<input type="text"/>	<input type="text"/>

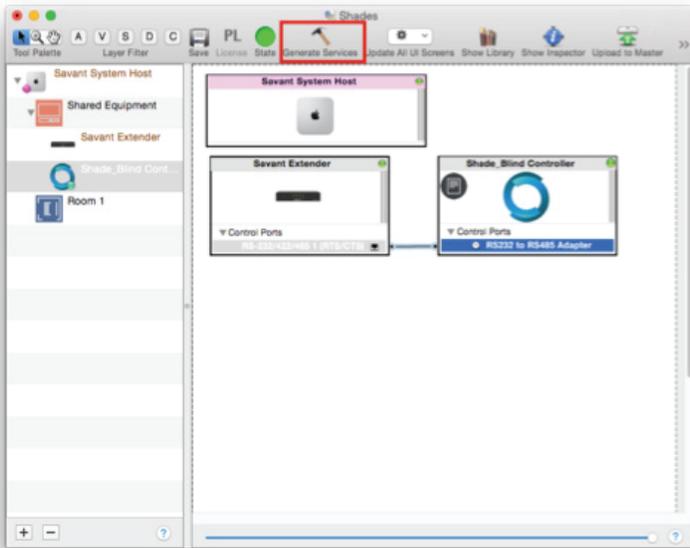


# INSTRUCTIONS

## PULSE HUB INTEGRATION - SAVANT INSTRUCTIONS FOR AUTHORIZED SAVANT DEALER

### Savant Hub Driver Installation

3. Make a connection between the "RS232 to RS485 Adapter" port on Shade Controller profile and the RS232 port on the Savant Extender. Please keep in mind, Savant currently only supports RS232 control for this device, so an RS485 adapter is needed. Then click the "Generate Services" button.



4. Navigate to Tools > Settings > Shades... in the menu to locate the "Shade Settings" data table. Click the + button, in the bottom-left of the screen, to add a new shade. Set values for the following:

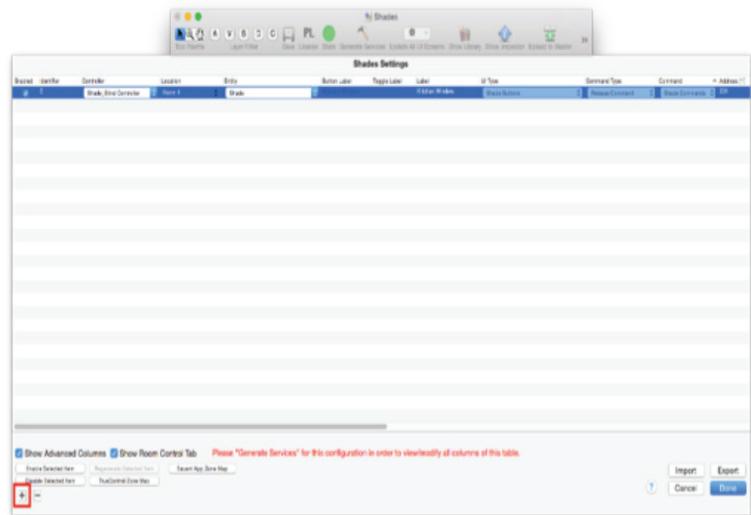
**Location** (EX: Room 1).

**Entity** (EX: "Shade" for Up-Down-Stop buttons, or "Shade Motor Variable Shade" for a shade slider).

**Label** (EX: "Kitchen Window").

**Address [1]** (EX: 001). This must be in the form of a 3 digit number. The addresses are the same as those used on your remote control.

Click "Done" in the bottom-right of the screen.



### SPECIFICATION SUBMITTAL

<b>JOB NAME</b>	<b>MODEL NUMBERS</b>		
<b>JOB NUMBER</b>			

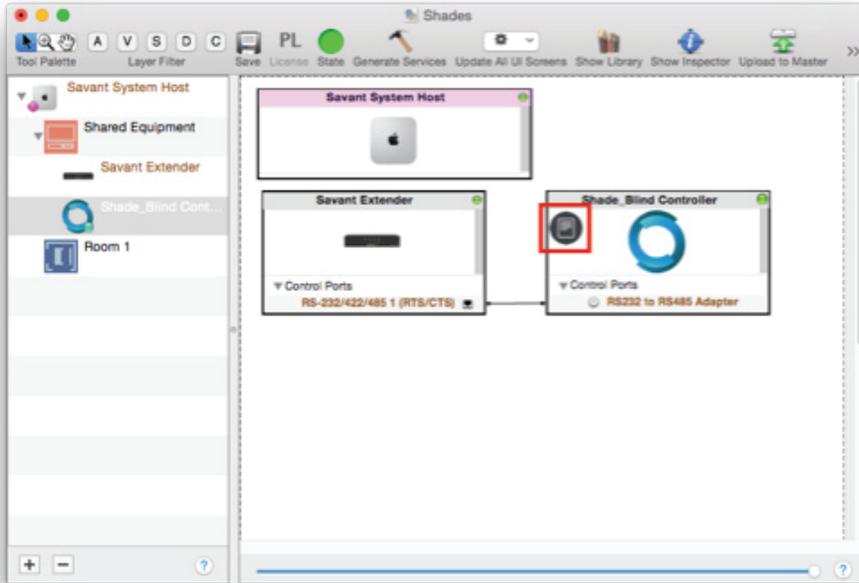


# INSTRUCTIONS

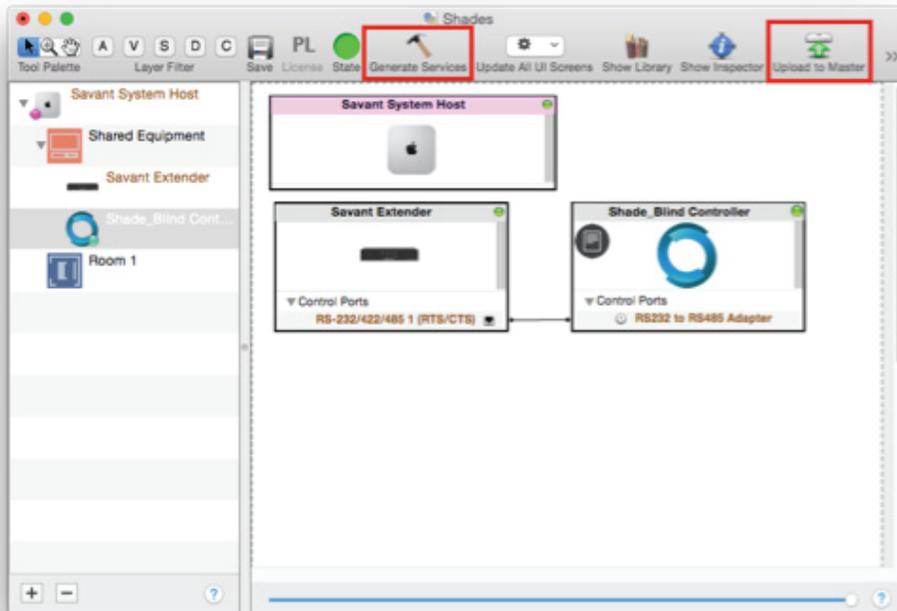
## PULSE HUB INTEGRATION - SAVANT INSTRUCTIONS FOR AUTHORIZED SAVANT DEALER

### Savant Hub Driver Installation

5. The “Notes” section of the profile provides additional details about setup or use. This section may be updated over time.



6. Click the “Generate Services” button again, then “Upload to Master” to push the configuration to the Savant Host.



### SPECIFICATION SUBMITTAL

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<b>JOB NUMBER</b> <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

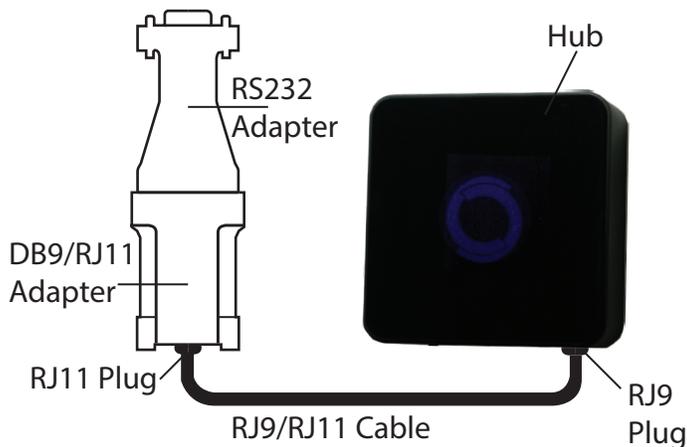


# INSTRUCTIONS

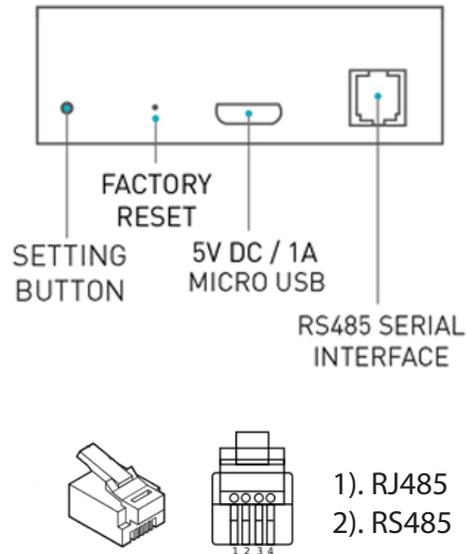
## PULSE HUB INTEGRATION - SAVANT INSTRUCTIONS FOR AUTHORIZED SAVANT DEALER

### Integration Diagram

# SAVANT



### Wi-Fi Hub Connections



### Frequently Asked Questions

#### No Wi-Fi Hub Detected

Make sure that your serial connection in Blueprint is assigned to the correct serial output of the Savant controller. Confirm you are using the RS232 adapter supplied by LuXout Shades.

#### Shade Limits Are Not Set Properly

Calibrate shade limits with your remote control.

#### Shade Is Not Moving At All

Make sure the profile you're using is for the exact model of controller that's being used and confirm your addresses in the Shade Data Table with those used on your remote control.

#### I Have Multiple Wi-Fi Hubs, What Do I Do

Add one Wi-Fi Hub (LuXout Automate Pulse Hub) profile for each physical Wi-Fi Hub being used on site. Make sure the addresses in your Shade Data Table are set to be used for the correct Hub, as specified in the "Controller" section of the data table.

#### How Do I Scan For Available Hubs

Once the Wi-Fi Hub (LuXout Automate Pulse Hub) is properly connected via the RS232 to RS485 adapter, navigate to the Hub Properties page within Composer. Select "Retrieve Hubs" located in the driver actions tab.

### Savant

### Support

877.savant.5

M - F: 9am - 9pm EST



### SPECIFICATION SUBMITTAL

<b>JOB NAME</b> <input type="text"/>	<b>MODEL NUMBERS</b> <input type="text"/> <input type="text"/> <input type="text"/>		
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