QUICK START GUIDE
Automate™ URC 2 Way
INTEGRATION SUPPORT

AUTOMATE PULSE PRO OVERVIEW

Elevate your Automate experience by seamlessly integrating Automate motorized shades into URC Integration systems. The Automate Pulse PRO Hub offers a powerful integration with discrete shade control and two-way communication, providing real-time updates on shade position and battery levels. Featuring both Ethernet (CAT 5) and 2.4GHz wireless connectivity, the Pulse PRO Hub ensures smooth home automation integration through an easy-to-access RJ45 port located on the back of the hub. Each hub supports up to 30 shades, making it a versatile solution for any home automation setup.

OVERVIEW:
The Pulse PRO driver provides Total Control users with two-way control of their shades, using a two-way IP driver control status feedback of Pulse PRO hubs and connected shades which is in the URC database. Before integrating Pulse PRO shades into the URC System, users must first configure their Pulse PRO Hub and shades. This process is done entirely in the Pulse PRO Android or iOS app.

URC COMPATIBILITY:
The URC's Automate Pulse PRO two-way module is compatible with Accelerator 3 and Flex 2 software platforms.

REQUIREMENTS:
An installed and functional Pulse PRO shade system using:

- An Automate Pulse PRO Hub is configured and functioning properly.
- Windows shades installed and configured with the Pulse PRO Hub.

HARDWARE INSTALLATION:
- Install all shades/blinds/motors at desired locations.
- Connect the Hub to the Automate Pulse app on the same network as the URC System.
- Connect all shades/blinds/motors to the Automate Pulse PRO app.

MODULE FEATURES:
- Two-way control of shades
- Custom macro integration
- Queries
- Device Events
- All Shades supported by Pulse PRO Hub.

GENERAL INFORMATION:

- Module: Pulse PRO
- Developer: URC File
- Type: *. tcm3
- Communication: IP
- Category: Window Shades Module Type: Core / Interface Multiple
- Module Support: No
- Unified: No
- URC Compatibility: Accelerator 3 & Flex 2
- Device Events: Yes
- Two-way Module Commands: Yes

Adding & Configuring the Module:

TCM files are found on the URC Dealer Portal. Once you have downloaded and imported the file, perform the following steps to add the module to a project:

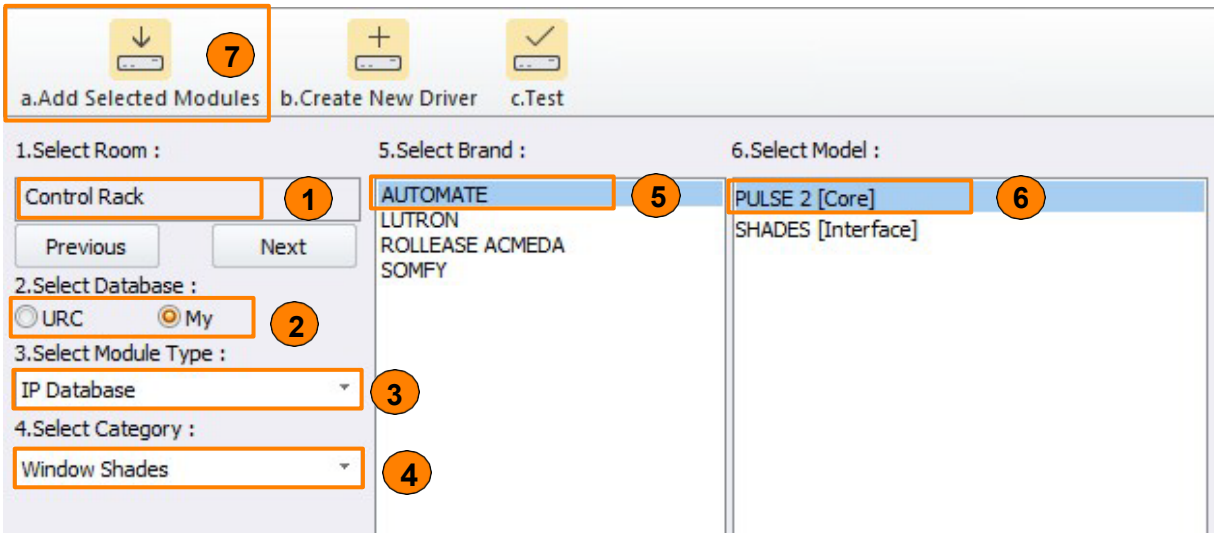
This module can be added to any new or existing Total Control system.

Adding the [Core]

The [Core] module contains all the system data that runs and operates the module. Only one (1) core is needed to use this module.

Step 4: Add Other Devices

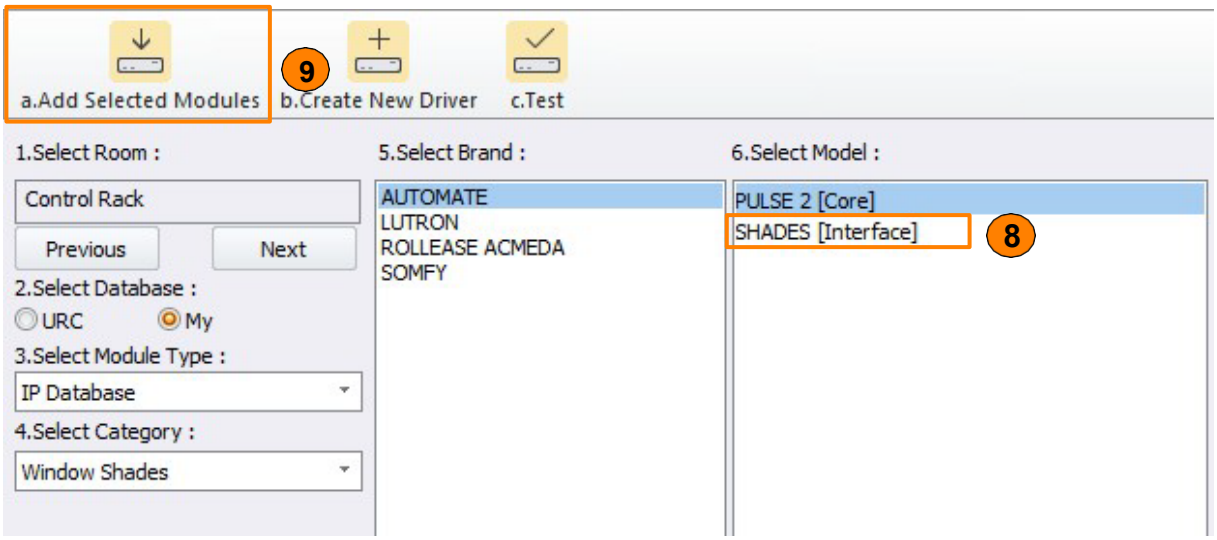
1. Select a room for the core to be added to.
2. Select My Database.
3. Select IP Database.
4. Select Window Shades category.
5. Select Automate from the brand list.
6. Select Pulse PRO [Core].
7. Select Add Selected Modules to add it to the project.

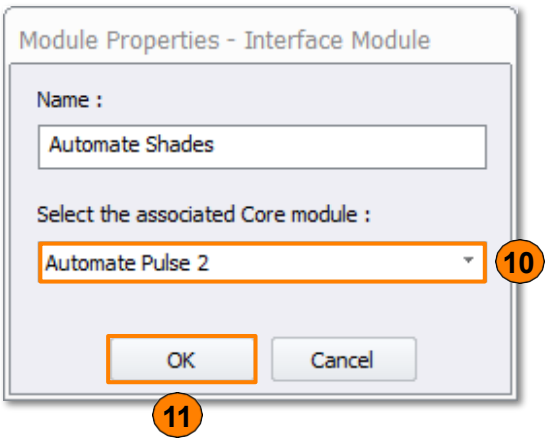


Adding the [Interface]

The interface represents the physical shade device in the system and is the button the user selects when accessing the shades.

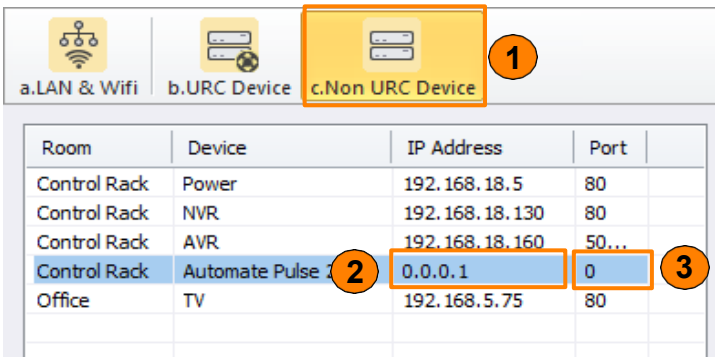
8. Select Shades [Interface].
9. Select Add Selected Modules.
10. The Interface Module Properties window appears. Select the Automate Pulse PRO from the Core Module list.
11. Select OK to add it to the project.





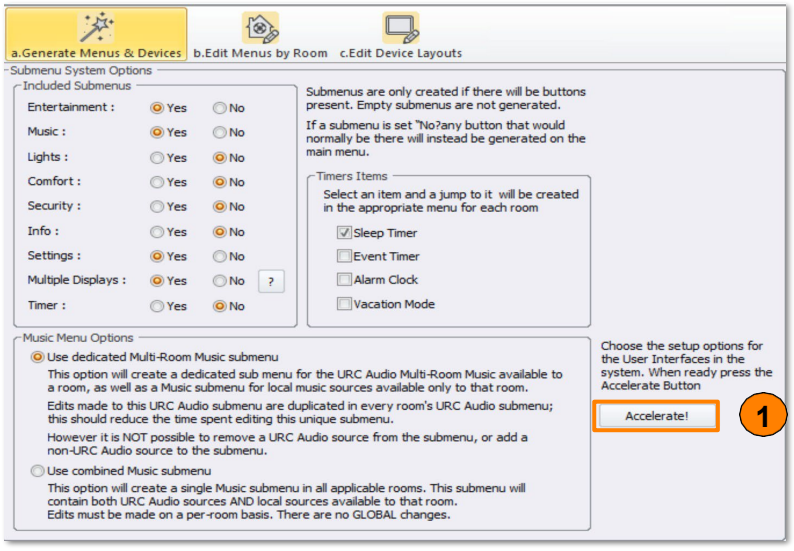
Step 6: Network Setup

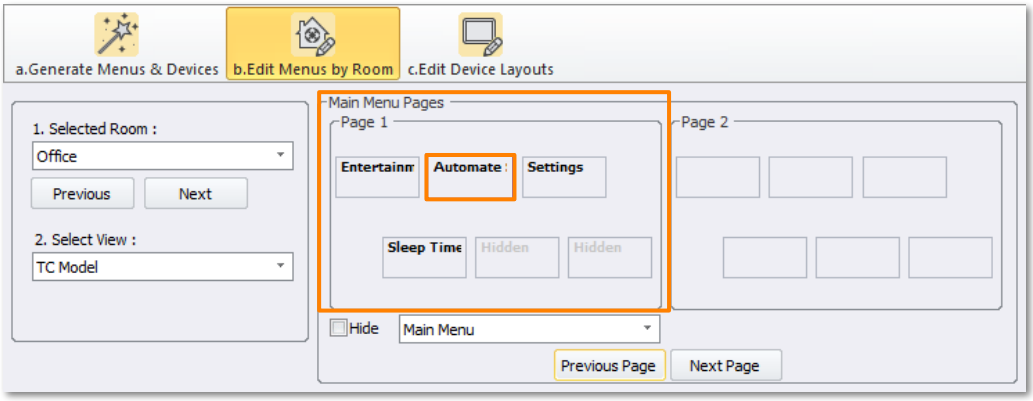
1. Select Non-URC Device.
2. Enter a unique dummy IP Address for the Automate Pulse PRO device.
3. Leave the default port as is.



Step 11: Edit User Interfaces

1. Select **Accelerate!**

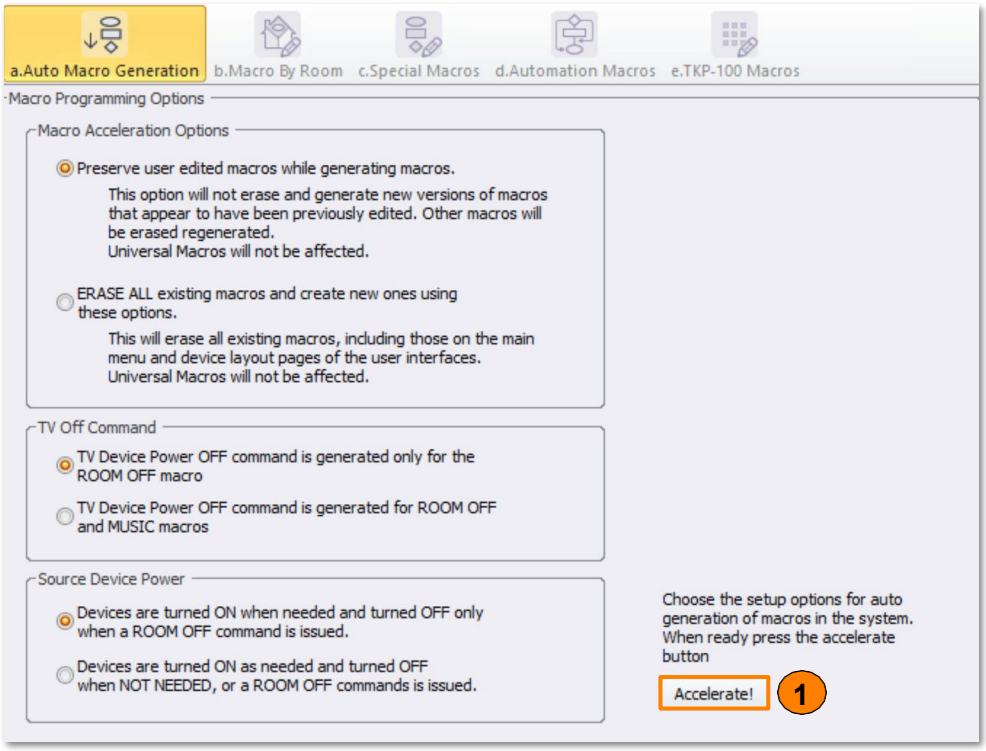




Step 12: Macro Editing

In this section, the steps required to generate macros are provided.

1. Select **Accelerate!**
2. Make additional programming changes as needed within the remaining steps. Once completed, save the project, and **Download** to the system.



Two-way Module Commands:

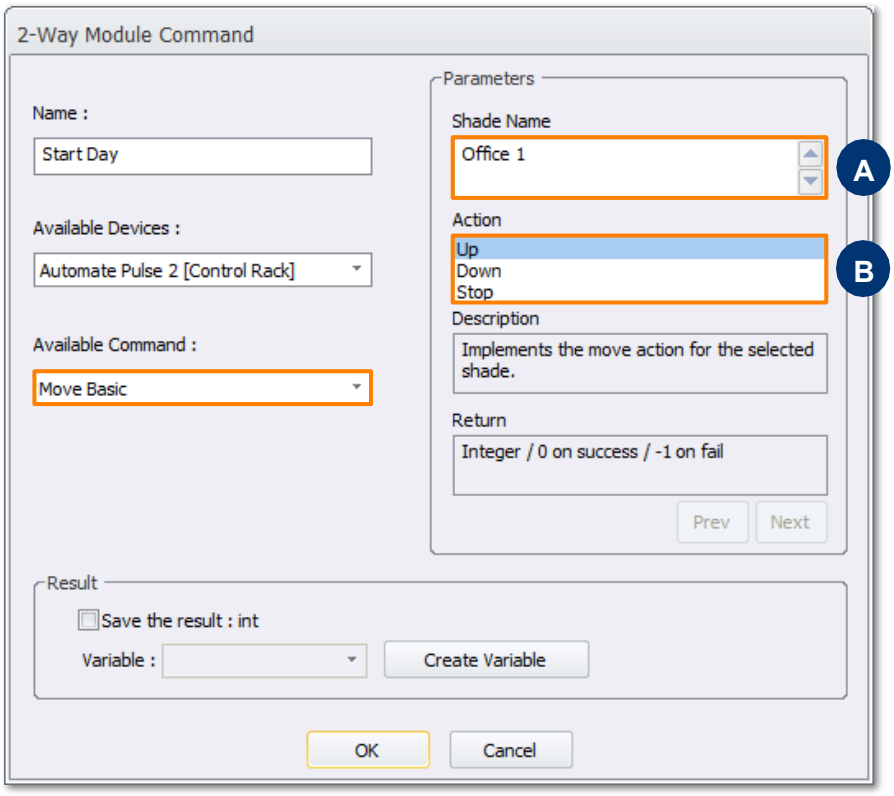
Two-way module commands are special one-way functions that are derived from the two-way module and are the only way to send discrete commands to the Automate Pulse PRO system.

Move Basic: Basic commands to move a specific shade up, down, or stop it at the current position.

A. **Shade Name:** Enter the name of the shade as it is listed in the Automate Shades app.

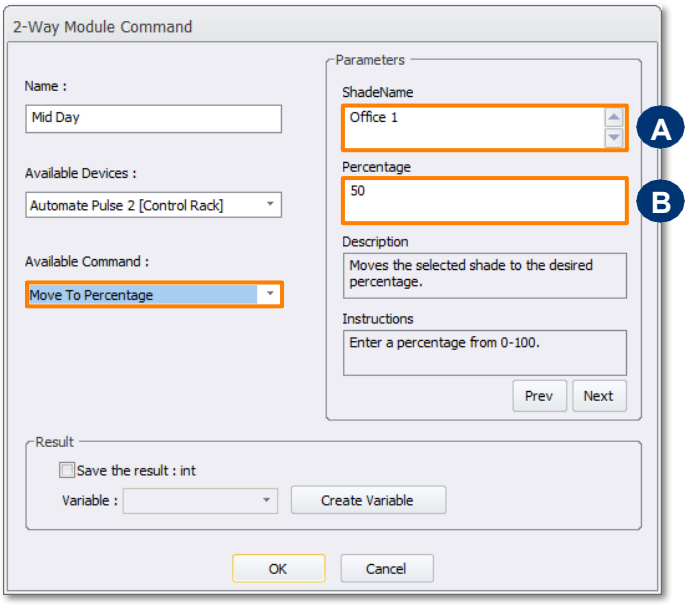
B. **Action:** Provides basic control options.

- **Up:** Moves the specified shade **Up**.
- **Down:** Moves the specified shade **Down**.
- **Stop: Halts** the specified shade in its current position.



Move to Percentage: A command that moves a specific shade to a percentage-based position.

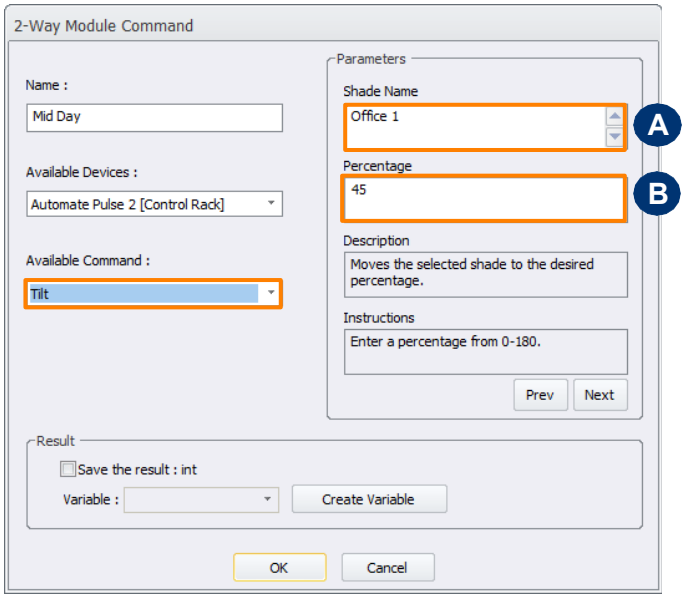
A. **Shade Name:** Enter the name of the shade as it is listed in the Automate Shades app.
B. **Percentage:** Enter a percentage value. The % symbol is not required.



Tilt: A command that tilts a specific shade to a percentage-based position. This command requires a shade that supports tilt functionality.

A. **Shade Name:** Enter the name of the shade as it is listed in the Automate Shades app.

B. **Percentage:** Enter a percentage value. The **%** symbol is **not required**.

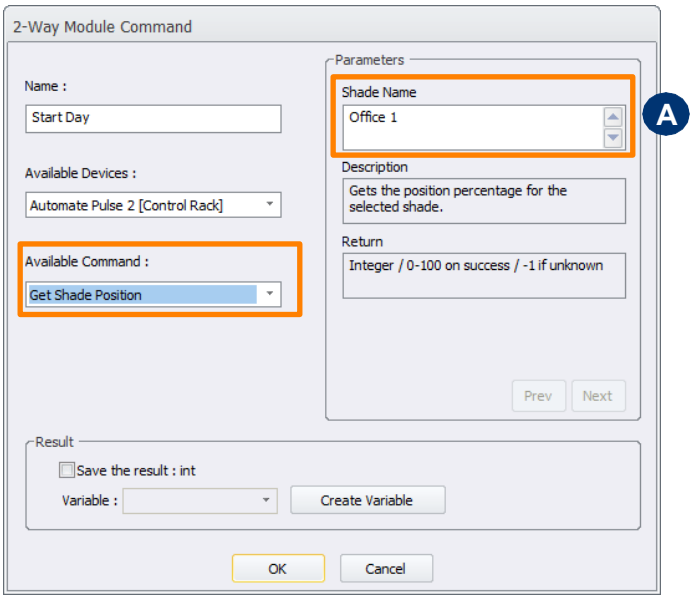


Query Commands

Query commands allow the Total Control system to ask a device for information. This information can be saved as a variable, allowing for advanced macro creation based on conditional logic.

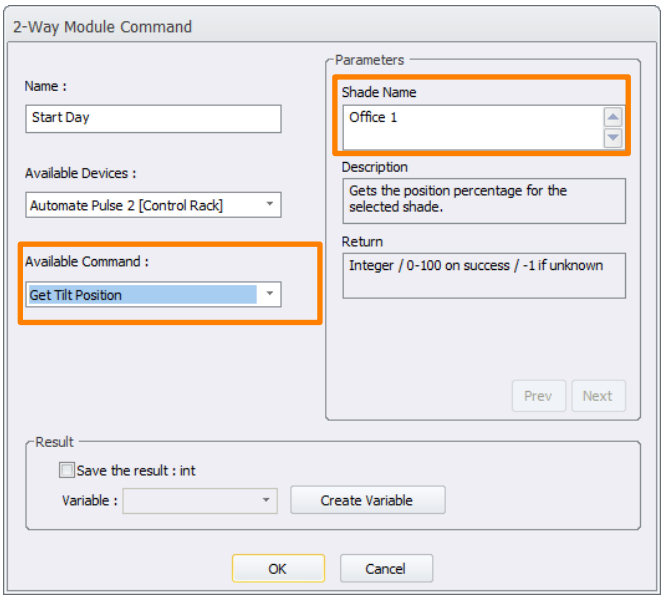
Get Shade Position: Retrieves the current position percentage of a specific shade.

A. **Shade Name:** Enter the name of the shade as it is listed in the Automate Shades app.



Get Tilt Position: Retrieves the current tilt percentage of a specific shade.

A. Shade Name: Enter the name of the shade as it is listed in the Automate Shades app.



Device Events:

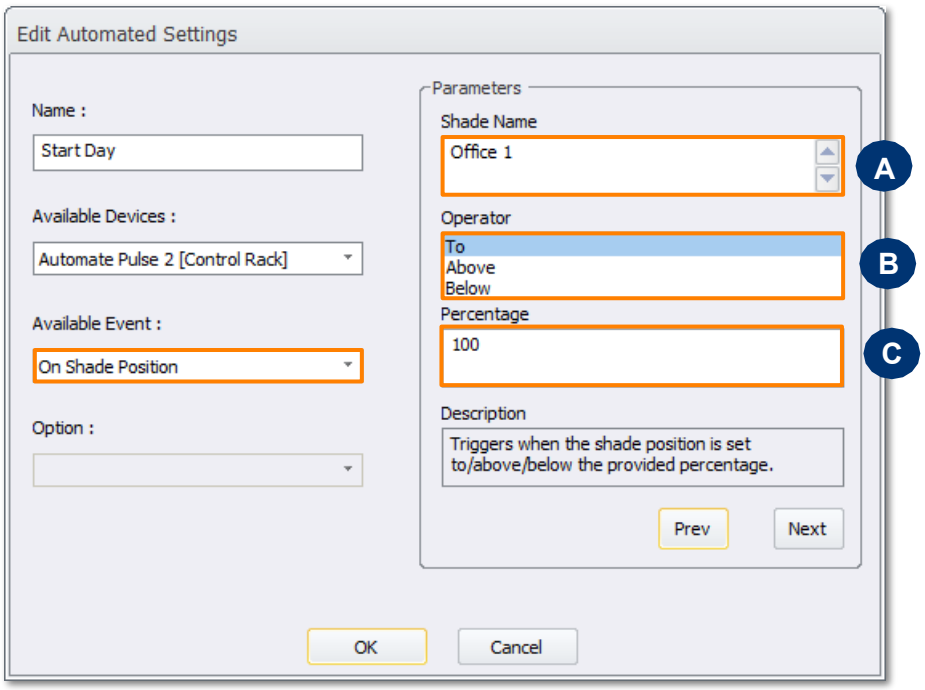
The Automate Pulse PRO module has the ability to trigger custom macros based on events or changes in the system.
On Shade Position: Allows for a macro to be triggered based on a specific shade's position.

A. Shade Name: Enter the name of the shade as it is listed in the Pulse PRO shade settings.
B. Operator: Chose a comparison operator. The operator works with the

Percentage to determine when the event is triggered.

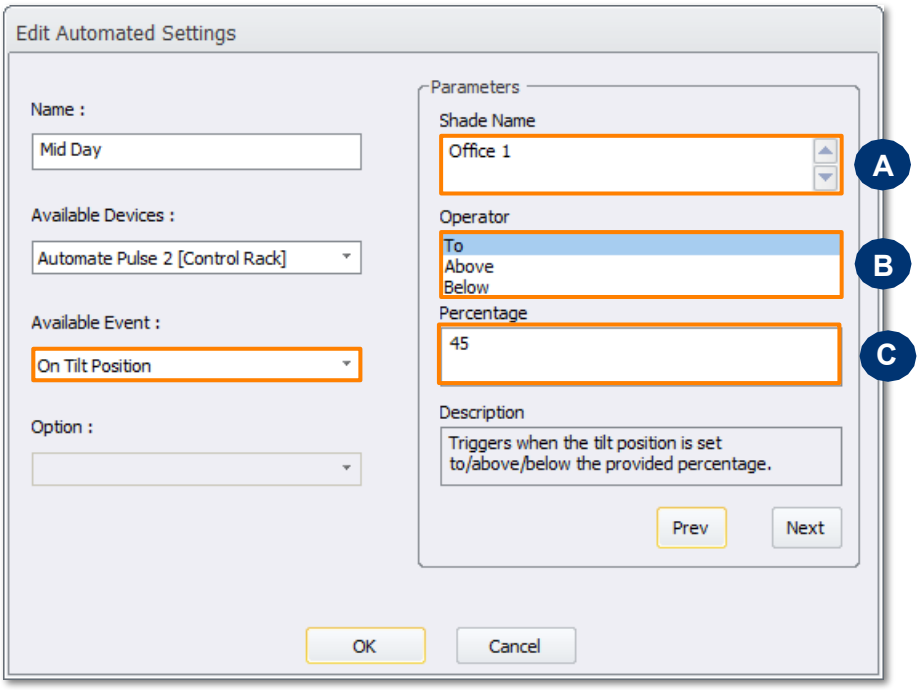
- To: Triggers the macro when the specified shade reaches the specified position percentage.
- Above: Triggers the macro when the specified shade moves above the specified position percentage.
- Below: Triggers the macro when the specified shade moves below the specified position percentage.
-

C. Percentage: Enter a percentage value. The % symbol is not required.



On Tilt Position: Allows for a macro to be triggered based on a specific shade's tilt position.

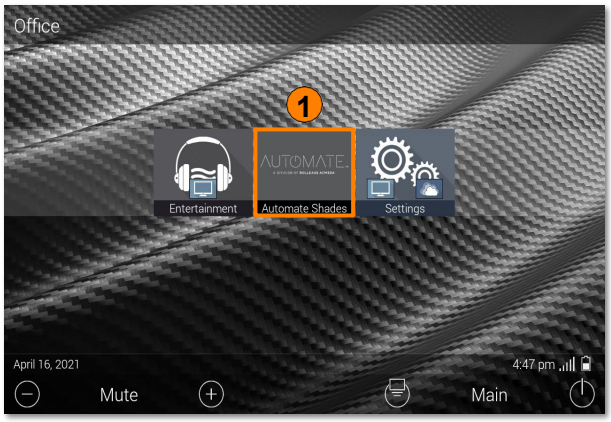
A. Shade Name: Enter the name of the shade as it is listed in the Automate Shades app.
B. Operator: Provides basic control options.
C. Percentage: Enter a percentage value. The % symbol is not required.

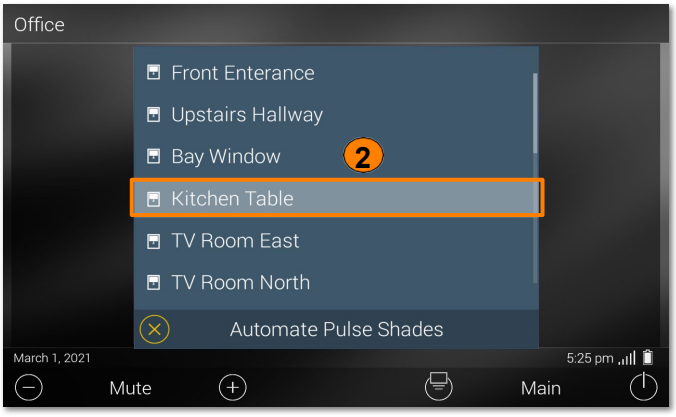


Using the Module:

This section of the document explains how to operate and navigate the shades module. Launching the Module:

1. Navigate to where the Shades button is located and select it.
2. Select an individual shade to control. All shades are listed here.





3. The shade control window appears.

Shade Controls

The shade control windows provide several options for controlling a specific shade or shade group.

A. Shade Slider: Allows the shade to be moved to a specific position based on slider position.
B. Basic Shade Control: Provides basic controls for moving a specific shade up, down, and can halt it at the current position.

C. Down: Moves the shade down.
D. Stop: Halts the shade in its current position.
E. Up: Moves the shade up.

Wand UI:

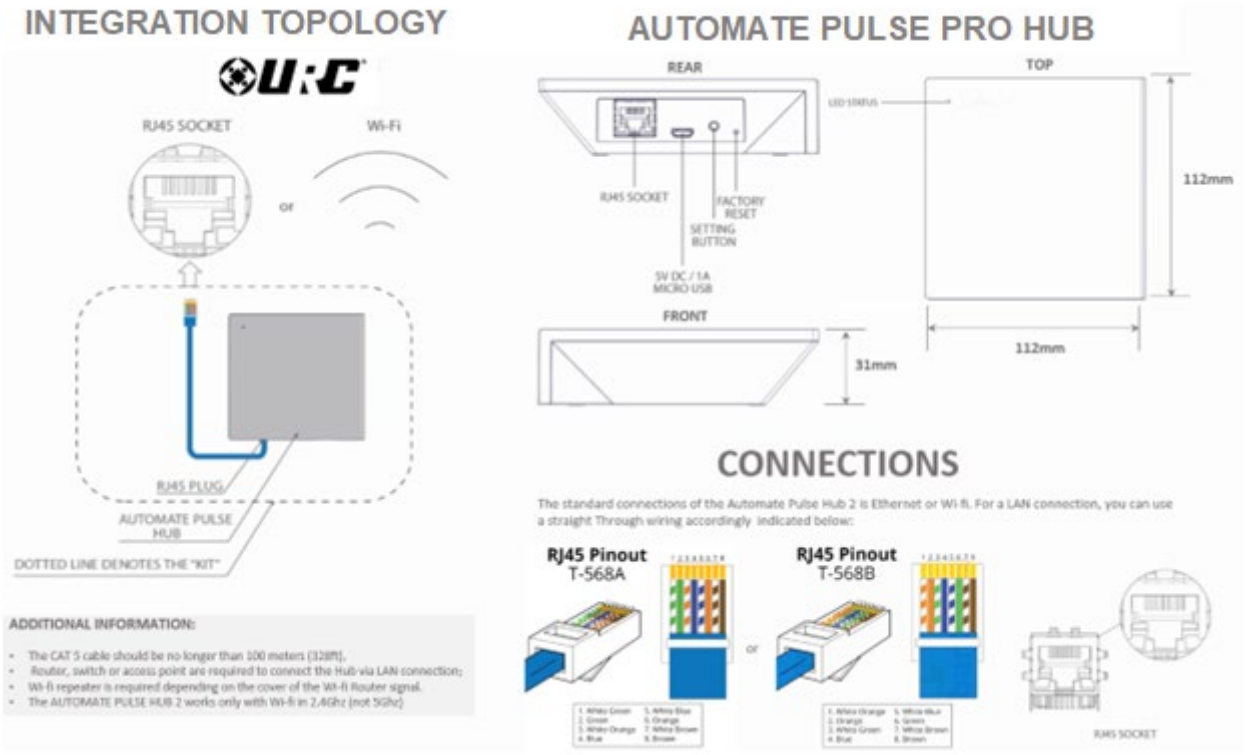
The UI for controlling shades from a wand remote varies slightly when compared to the touchscreens.

A. Basic Shade Control: Provides controls for moving the shade up (Open), down (Close), and can halt (Stop) any current movement.

B. Discrete Percentages: Using the arrows, a user is able to toggle between the five (5) preset positions for a shade or group.

C. 0%
D. 25%
E. 50%
F. 75%
G. 100%

URC SYSTEM CONNETION:



FREQUENTLY ASKED QUESTIONS

Q. No Pulse PRO Hub detected.

A. Make sure that your Automate Pulse PRO is connected to the correct network and get an IP Address available and still communicating with the network using the Automate Shades App.

Q. Shade limits are not set properly.

A. Calibrate shade limits with your Rollease Acmeda remote before setting the appropriate open and close time within URC SYSTEM.

Q. Shade is not moving at all.

A. Make sure the selected Pulse PRO Hub is the correct Pulse PRO Hub for the shade to be controlled. Confirm the correct bindings are set in the URC System connections tab between the Pulse PRO Hub and Shade drivers.

Q. I have multiple Pulse PRO Hubs, what do I do?

A. Load two Automate Pulse PRO Hub drivers. After selecting "Retrieve Hubs" located in the driver actions tab, you will see different Automate Pulse PRO Hubs - select the desired one.

Q. I do not see any shade bindings in the Pulse PRO Hub driver?

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

Q. How do I scan for available Automate Pulse PRO Hub?

A. Once the Automate Pulse PRO Hub is properly connected via the Ethernet cable or Wireless network, navigate to the Automate Pulse Hub Properties page within Composer. Select "Retrieve Hubs" located in the driver actions tab.

Q. We get unexpected responses from the URC system, or "?" symbols.

A. Ensure that all connections using the ethernet port or Wi-Fi are working properly. The missed connection has been known to yield unwanted or unexpected results.

SUPPORT RESOUCES:

For further assistance, contact your retailer, visit our website at www.automateshades.com.