



**SMART HOME  
COLLECTION**  
by BUDGET BLINDS®

# QUICK START GUIDE

## SHC™ AMX

### INTEGRATION SUPPORT



#### SMART HOME COLLECTION PULS PRO OVERVIEW

Take your SHC experience to the next level by integrating SHC motorized shades into AMX smart home control systems. The SHC Pulse Pro is a rich integration supporting discrete shade control and features a two-way communication system offering real time shade position and battery level status. The SHC Pulse Pro supports Ethernet Cable (CAT 5) and Wireless Communication (2.4GHz) for home automation integration using the RJ45 port conveniently located on the back of the hub. Each hub can support integration of up to 30 shades.

#### GETTING STARTED:

In order to integrate your motorized window treatments with AMX, you will need to have:

- Downloaded the free SHC app via the Apple App Store (available under iPhone /iPad apps) or the Google Play Store.
- Purchased one or more SHC Pulse Pro units (dependent on the space's square footage and obstructions) and additional repeaters (up to two additional repeaters supported per hub) if required.
- Integrated your motorized window treatments onto SHC App.

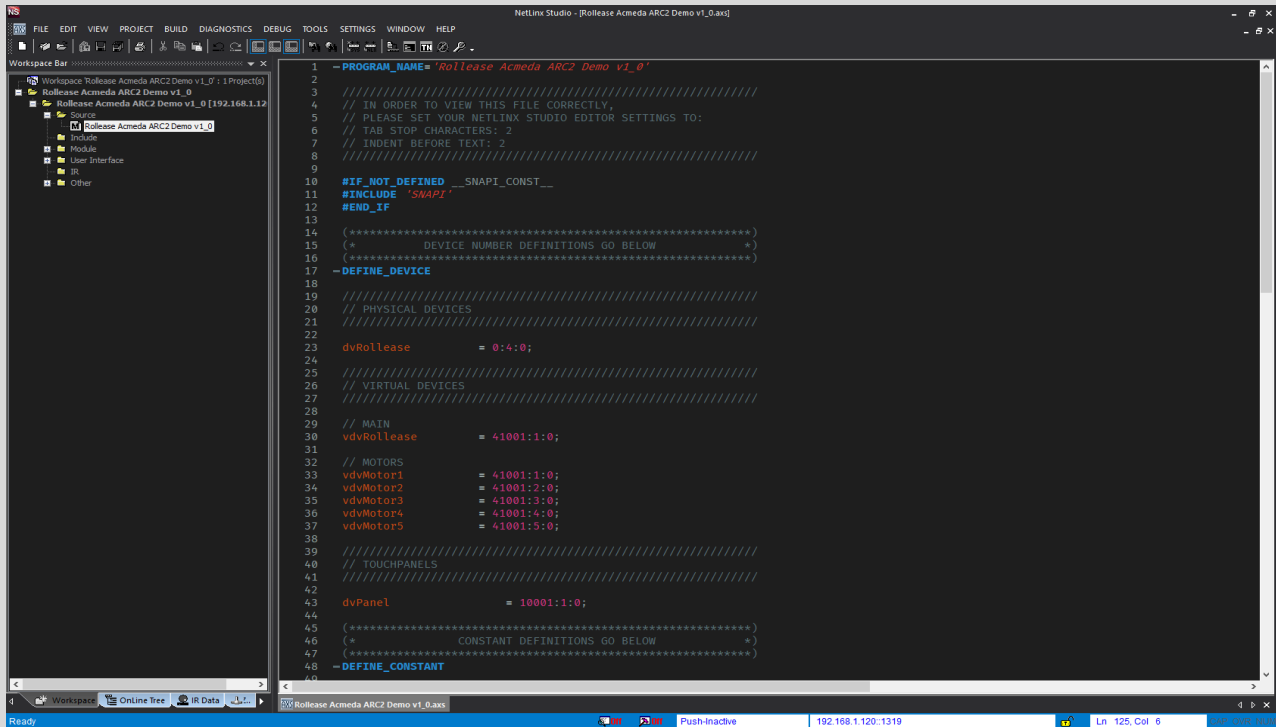
#### INSTRUCTIONS INCLUDED:

- AMX Driver Installation Instructions
- AMX Driver Guide
- Integration Diagram
- Integration FAQ's

## AMX HUB DRIVER INSTALLATION SECTION:

1. Find Rollease Acmeda ARC2 module via the AMX 3rd Party Tech Center.
2. Unzip folder and open the Rollease Acmeda ARC2 Demo v1\_0.apw file in NetLink Studio.ou can do this by setting the configuration option "Interface Type" to "Dimmer", "Shade", or "Both".

### STEP 1:



```
1  --PROGRAM_NAME="Rollease Acmeda ARC2 Demo v1_0"
2
3  // IN ORDER TO VIEW THIS FILE CORRECTLY,
4  // PLEASE SET YOUR NETLINK STUDIO EDITOR SETTINGS TO:
5  // TAB STOP CHARACTERS: 2
6  // INDENT BEFORE TEXT: 2
7  ///////////////////////////////////////////////////////////////////
8  ///////////////////////////////////////////////////////////////////
9
10 #IF_NOT_DEFINED __SNAPI_CONST__
11 #INCLUDE "SNAPI"
12 #END_IF
13
14 (*****
15  *          DEVICE NUMBER DEFINITIONS GO BELOW
16  *)
17 (*****
18
19 --DEFINE_DEVICE
20
21 ///////////////////////////////////////////////////////////////////
22 // PHYSICAL DEVICES
23 ///////////////////////////////////////////////////////////////////
24
25 dvRelease = 0:4:0;
26
27 ///////////////////////////////////////////////////////////////////
28 // VIRTUAL DEVICES
29 ///////////////////////////////////////////////////////////////////
30
31 // MAIN
32 vdvRelease = 41001:1:0;
33
34 // MOTORS
35 vdvMotor1 = 41001:1:0;
36 vdvMotor2 = 41001:2:0;
37 vdvMotor3 = 41001:3:0;
38 vdvMotor4 = 41001:4:0;
39 vdvMotor5 = 41001:5:0;
40
41 ///////////////////////////////////////////////////////////////////
42 // TOUCHPANELS
43 ///////////////////////////////////////////////////////////////////
44
45 dvPanel = 10001:1:0;
46
47 (*****
48  *          CONSTANT DEFINITIONS GO BELOW
49  *)
50 (*****
51
52 --DEFINE_CONSTANT
53
54
55
56
57
58
59
60
```

3. On line 54, replace the current IP address with the actual IP address of your hub.
4. Comment out each of the "MOTORADD" commands (lines 118 – 122).
5. Compile and load the example program and Duet module to your AMX processor.
6. Using AMX TPDesign 4, load the example touch panel to your AMX touch panel.
7. The module will automatically attempt to communicate with the hub when the program loads. Once communication is established with the hub, the Communicating indicator on the top right of the touch panel example interface will illuminate. If it does, proceed to the next steps. If it does not, verify the IP address you entered in NetLink is correct and that the hub and AMX processor are on the same network.
8. On the Command Processor tab on the touch panel, click the "Setup" button so it illuminates blue.
9. Using a remote or the Rollease Acmeda app, move each shade to initiate a response (in order to identify each).
10. The address of the last motor that moved/responded will automatically populate in the Motor Address field on the touchpanel. Move each motor to identify each address.

## STEP 2:

The screenshot shows the Rollease Acmeda Command Processor web interface. At the top, there is a teal header bar with the Rollease Acmeda logo on the left. To the right of the logo, the text 'HUB NAME My House' and 'HUB MAC ADDRESS 24:0a:c4:27:73:34' is displayed. Further right, there are two green status indicators: 'COMMUNICATING' and 'INITIALIZED'. Below the header, the main content area has a white background. It features three buttons at the top: 'INITIALIZE' (black), 'DEBUG' (black), and 'SETUP' (blue). Below these buttons is a large white rectangular box with a teal border. Inside this box, the text 'MOTOR ADDRESS' is at the top left, and 'ENJ' is centered in large teal letters. At the bottom of the interface is a teal footer bar with four buttons: 'COMMAND PROCESSOR' (blue), 'MOTOR CONTROL' (black), and 'HOME' (black).

11. Once you have the address for all your desired motors, uncomment the "MOTORADD" commands in the example program (lines 118 – 122) and enter in the appropriate address in the command for each motor (the example program has 5 motors. You may have more or less in your installation). Once the addresses have been entered, recompile and reload your program.).

## STEP 3:

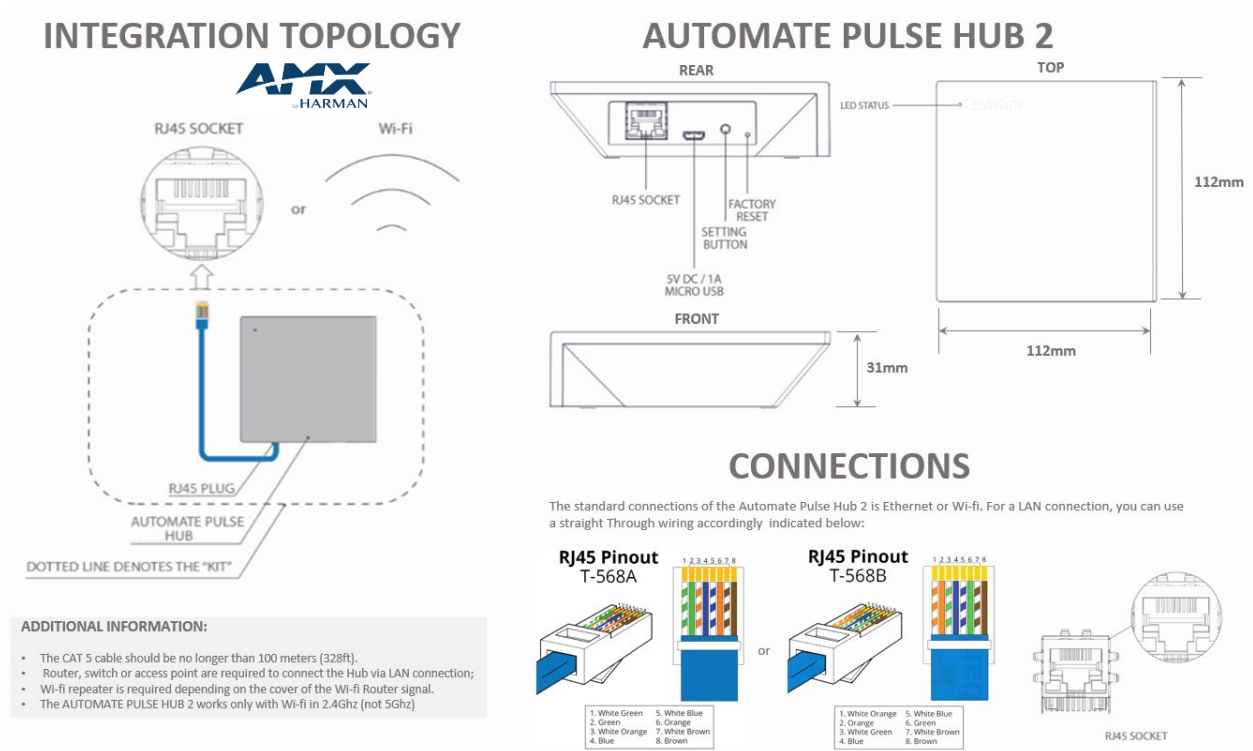
```
SEND_COMMAND vdvRollease, " 'MOTORADD[610]' ";
SEND_COMMAND vdvRollease, " 'MOTORADD[C3U]' ";
SEND_COMMAND vdvRollease, " 'MOTORADD[91D]' ";
SEND_COMMAND vdvRollease, " 'MOTORADD[C95]' ";
SEND_COMMAND vdvRollease, " 'MOTORADD[ENJ]' ";
```

12. Refer to the help files included in the module package for further details and information regarding the capabilities of the module.

## Common Mistakes:

- Entering the wrong IP address in the "IP Address" configuration line.  
If you're failing to discover devices double check this!

## AMX SMART HOME CONTROL SYSTEM CONNECTION:



## FREQUENTLY ASKED QUESTIONS:

**Q. No Pulse Pro detected.**

A. Make sure that your SHC Pulse Pro is connected to the correct network and get an IP Address available and still communicating with the network using the SHC 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 AMX SYSTEM.

**Q. Shade is not moving at all.**

A. Make sure the selected SHC Hub is the correct SHC Hub for the shade to be controlled. Confirm the correct bindings are set in the AMX System connections tab between the Pulse Hub 2 and Shade drivers.

**Q. I have multiple SHC Pulse Pro's, what do I do?**

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

**Q. I don't see any shade bindings in the Pulse Hub driver?**

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

**Q. How do I scan for available Pulse Hub's?**

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

**Q. We get unexpected responses from the AMX 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 RESOURCES:**

For further assistance, contact your retailer, visit our website at [www.rolleaseacmeda.com](http://www.rolleaseacmeda.com)