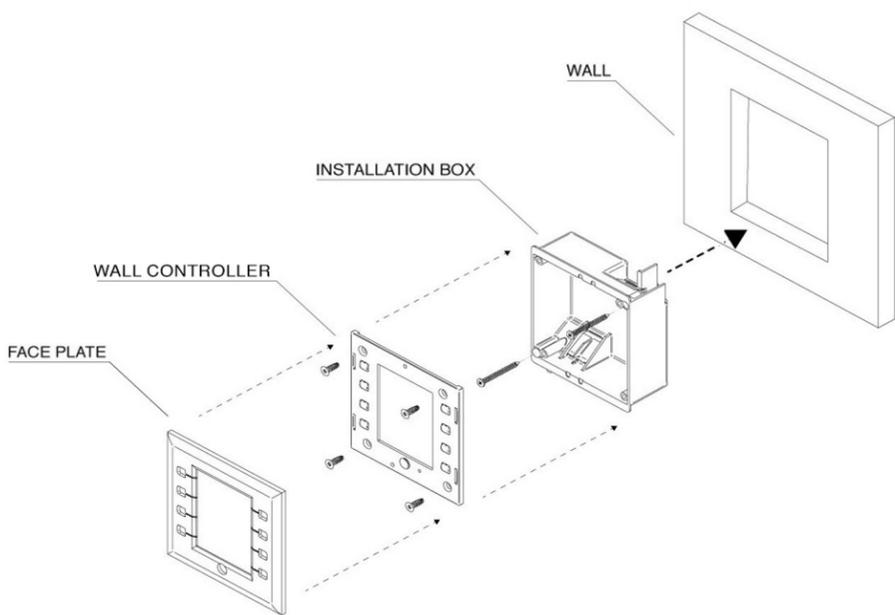


Ring Adapter Installation (SC-WPC-SM/SC-TC-SM)

Mounting Instructions - Flushmount Installation

Follow these steps to flushmount your new SC-WPC-D/SC-TC-D into the wall. The steps given assume the installer needs no instruction on running Ethernet to the installation box or other basics.



Flushmount Installation (SC-WPC-D/SC-TC-D)

There are two types of installations for the N-Series Wall Controllers: Ring Adapter (when mounting into an existing electrical box) and Flushmount (when mounting into an SVSI-provided installation box).

*Note: If desired, you can pre-configure the unit before physically installing it. To do so, simply plug a PoE (Power over Ethernet) enabled Ethernet connection into the back of the controller and skip to the section **Configuring Your New Wall Controller** for further instructions.*

Important: For ease of installation, only use bootless Ethernet cables when installing the Controller into the wall. The flexibility is necessary for proper positioning in the box's small space.

Mounting Instructions - Ring Adapter Installation

Follow the steps below to mount your new SC-WPC-SM/SC-TC-SM into an existing dual gang electrical box. The instructions given assume the box is already installed with Ethernet access running to it.

1. Secure the mounting ring adapter (included in shipment) to your existing dual gang electrical box with four screws.
2. Connect the PoE-enabled Ethernet cable to the rear connector of the wall controller.
3. Place the wall controller display into the box and secure it with four screws (included in shipment).
4. Complete the installation by snapping the AMX faceplate onto the front.

1. Using the *Wall Controller Installation Cut-Out Template* (enclosed in shipment), mark the position on the wall where the unit is being installed and cut the opening.
2. Once the opening is cut (and the PoE-enabled Ethernet cable is accessible through the opening) insert the plastic installation box (included in shipment). Use the break-out tabs as needed to correctly position the Ethernet cable.
3. Secure the installation box to the wall with the two captive screws.
4. Connect the Ethernet cable to the rear connector of the wall controller.
5. Place the wall controller display into the box and secure it with four screws (included in shipment).
6. Complete the installation by snapping the AMX faceplate onto the front of the wall controller.

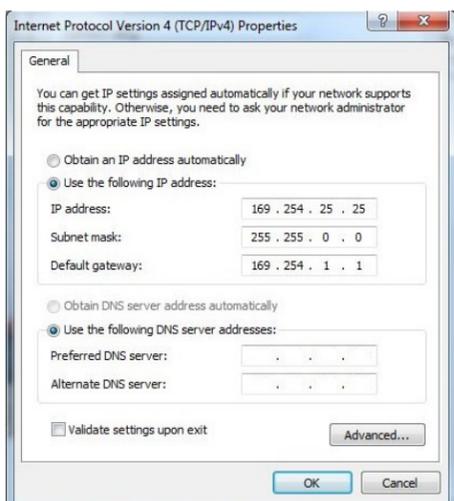
Configuring Your New Wall Controller

You will not be able to configure the controller until it is in the same subnet as the host PC. N-Touch devices are shipped in Auto-IP mode with a default IP address of 169.254.xxx.xxx. Before attempting configuration, some changes must be made to the host PC.

Sample steps for IP address configuration (Windows):

1. From the **Control Panel > Network and Internet** dialog box, select **Network and Sharing Center**.
 2. Select **Change adapter settings**.
 3. Select the wired interface connected to your AV network.
- (Continued)

Configuring Your New Wall Controller (Continued)



4. Click the **Properties** button.
5. Scroll down in the list to the **Internet Protocol Version 4 (TCP/IPv4)** option. Highlight it and click the **Properties** button. The screen shown (at left) is displayed.
6. Enable the **Use the following IP address** option, and enter the static IP address provided to you by your network administrator.

Logging in for the First Time

Once connected to the network, the welcome screen appears on the N-Series Wall Controller's

front panel and displays the unit's serial number, MAC address, and IP address.

1. Using your computer, enter the N-Series Wall Controller's IP address into your web browser.
2. The **N-Series Wall Panel Controller Login** screen displays. Use the default login credentials (username = **admin**/password = **password**) to log in for the first time. Upon successful login, the **Settings** page displays (shown at right).

Wireless Configuration (SC-TC Units Only)

The **Wireless** page (shown at right) allows you to set up the SC-TC wall controller to be accessible through the wireless network. The available settings are described below:

WiFi MAC Address: Displays the unit's WiFi MAC address.

Enable WiFi AP: Enable to allow wireless access to the SC-TC wall controller.

Enable WiFi/Eth Bridge: Enable to allow users (connected to the wireless network through the SC-TC) to access the rest of the network.

WiFi Country: Choose your location from the drop-down menu to correctly manage regional power regulations.

WiFi AP's own IP address: Displays the wireless Access Point's IP address.

Wireless Mode: Displays the current wireless network mode.

Channel: Select the wireless channel you plan to use (or choose **Auto**).

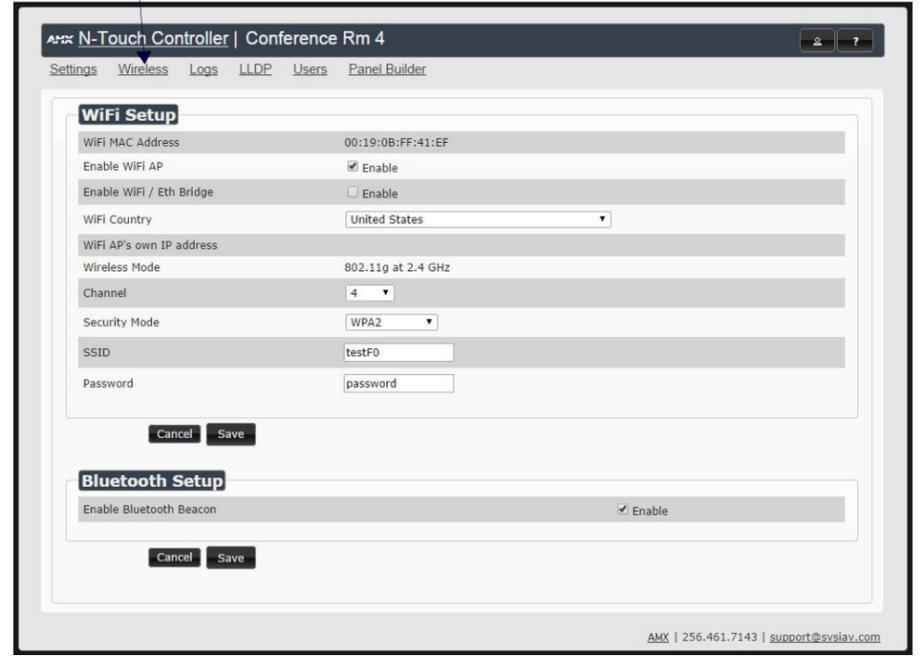
Security Mode: Choose **Open Access** for no password protection. Choose **WPA1** or **WPA2** to configure the unit for WiFi Protected Access security. Ask your network administrator if you are unsure which protocol to select.

SSID: Enter a Service Set Identifier to distinguish the SC-TC wall controller on the wireless network. If you have multiple units on your network, it is helpful to use descriptive names (e.g., room name or number where device is located).

Password: Enter a wireless access password for this unit (must be at least 8 characters).

Enable Bluetooth Beacon: Enable to activate a bluetooth signal from the SC-TC (allowing you to use the SVSI mobile app to control your panel).

Click **Wireless** to access this page.



Using Panel Builder

Click the **Panel Builder** link (located as shown in the wall controller screen shot on the previous page) to create multi-page custom graphics for your wall controller display. Pages are stored internally and then launched at start-up or at the push of a button. The screen below allows you to choose between using the **N-Touch Wizard** or the **Full Panel Editor** (which gives you more customization options).



Choosing a Panel Builder Mode

Consider the following when choosing between **N-Touch Wizard** and **Full Panel Editor** mode:

- **N-Touch Wizard** mode allows full control as well as custom buttons and panels.
- **Full Panel Editor** mode allows multi-state buttons, conditional logic, and feedback programming not available in the **N-Touch Wizard**.
- Panels created using the wizard can be imported into the full editor if those features are needed at a later date.

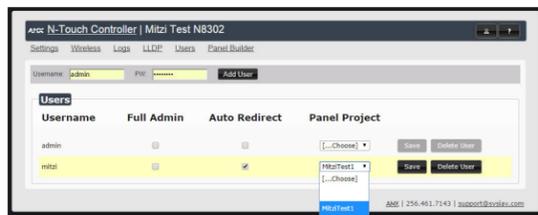
Note: Projects created in the Full Panel Editor cannot be imported/edited in the N-Touch Wizard. You can, however, import them into the SVSI Panel Builder software (which is provided free with the N8000 series and N8300 controllers).

Viewing Panels on the SVSI Conductor Mobile App

Once you have a panel created, follow these instructions to access it from your mobile device:

1. Using your web browser, log in to the N-Series Wall Controller.
2. Click the **Users** link at the top of the page. The screen shown below displays.
3. Use this page to assign the **Panel Project** you created to your **Username** (if needed, multiple users/logins can be added using the **Add User** button).
4. Enable the **Auto Redirect** checkbox.
5. Download the SVSI free **SVSI Conductor Mobile** app to your iPhone or Android.
6. Log in to **Conductor Mobile** using the same **Username** (see Step 3).
7. The **Panel Project** assigned to your **Username** displays, allowing you to control the N-Series Wall Controller from your phone.

Note: In order for this connection to be successful, your N-Series Wall Controller must be on the WiFi network (on same subnet).

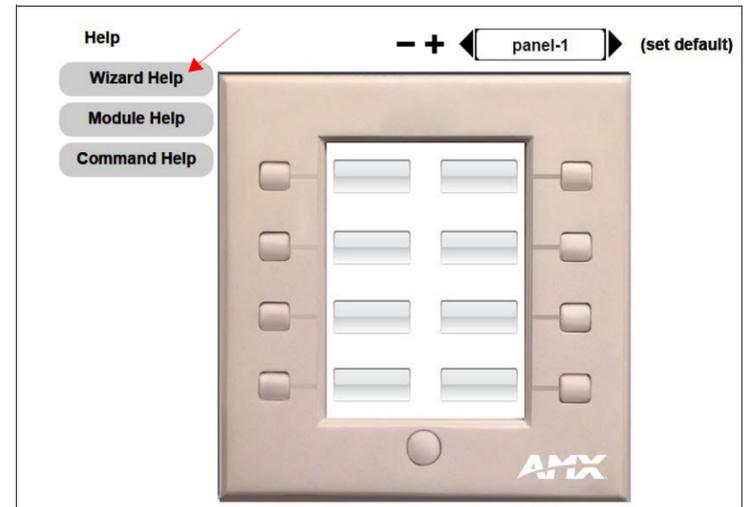


Note: To perform a factory reset of the N8300 touch panel, press and hold the "home" button for 15-30 seconds during the bootup process.

Panel Builder Wizard Overview

Use the **Wizard** to customize what is displayed on the N-Series Wall Controller's screen. When you first open the **Wizard**, an image of your wall controller displays.

Here you can add functions that will then execute when a button is pressed on the wall controller. Before building your panel, click **Help > Wizard Help** (as shown in screen shot at right) to access a short tutorial which demonstrates proper configuration.



Note: If using the Full Panel Editor, click Help > Editor to open a tutorial for its interface.

Troubleshooting Guidelines

Problem	Possible Solutions
Device cannot communicate with external devices via the network.	<ul style="list-style-type: none"> • On the Settings page, verify that the primary IP Address is configured correctly to allow communication.
Screen on wall controller is black.	<ul style="list-style-type: none"> • Press any button to wake unit up. • To keep screen on at all times, go to the Settings page and change Sleep Delay Sec to 0.
Cannot access the unit's webpage.	<ul style="list-style-type: none"> • Verify that the IP Address, Netmask, and Gateway address of your host PC are configured properly.
Cannot access Panel Builder.	<ul style="list-style-type: none"> • Verify that you opened the link through a supported web browser (Firefox or Chrome), not through SVSI's N-Able software.
Unit will not power on.	<ul style="list-style-type: none"> • Verify that the switch is providing PoE to the wall controller.

Please contact SVSI technical support at svsisupport@harman.com or 256.461.7143 x9900 for any installation issues. Visit our support webpage at support.svsiav.com.

