

Current®

NX Mobile App

QUICK START USER GUIDE

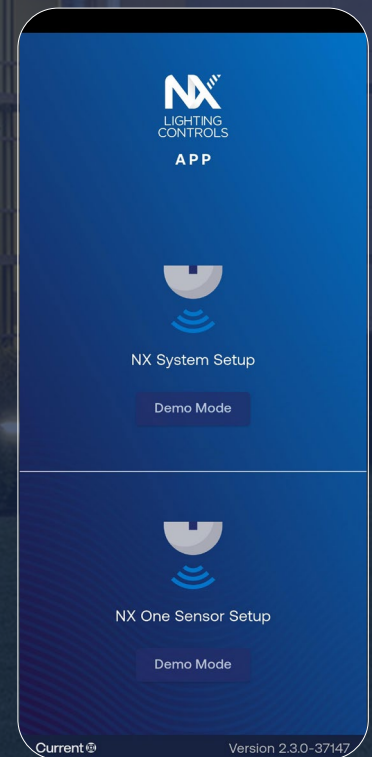
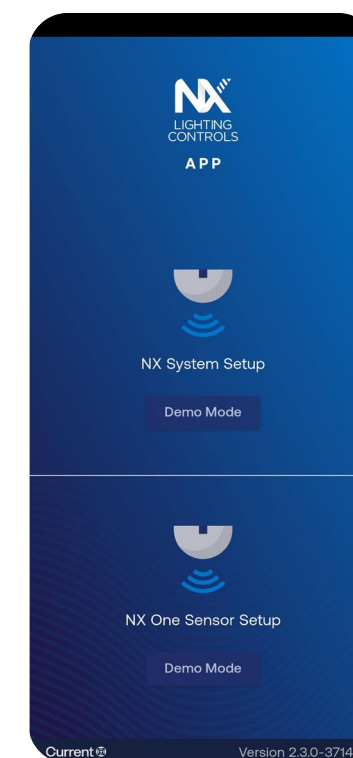


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The NX Lighting Controls Mobile App is a free to use mobile application for programming NX Lighting Control Systems or Standalone Bluetooth Sensors. The app allows you to discover and configure wired and wireless devices and setup groups and zones for both standalone and networked NX sites.



NX SYSTEM ARCHITECTURE

Understanding the architecture of the NX Lighting Controls System is key to a successful installation.

Most control functions take place within the logical construct of a Zone. Sensors, switches, relays and dimmers establish relationships within a Zone to interact and perform a sequence of operation. The link between these components is made through inclusion in a Group. Each Zone includes up to 16 Groups providing a great deal of flexibility. Typically, an occupancy sensor will be included in all the Groups that are created in the associated Zone assuring that all lighting in the Zone will be turned OFF when unoccupied. And a button on a switch can control a relay in the Zone simply by including the switch in the same Group within the Zone.

A Zone is analogous to a room or contiguous space in a building.

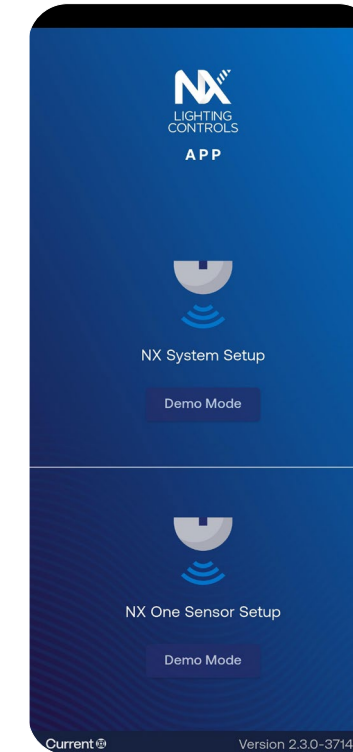


Zones will typically be associated together within the logical construct of an Area. This association not only provides a way to organize a building or site, but also establishes a layer of control that can span multiple Zones. For instance, ten rooms on the floor of a building can each have a unique local sequence of operation as individual Zones. By associating these ten rooms with an Area, they are automatically made children to the Area (floor).

An NX system may include one or more room controllers, fixture modules or lighting control panels. These parent objects contain resources that will be associated with Zones during the commissioning process. These parent objects can contain relays, dimmers, low voltage inputs, and low voltage outputs. Low voltage switches and sensors connected to the parent objects will appear as available resources during the discovery and commissioning process. Resources from parent objects are individually commissioned into Zones making them usable for control. Groups are the mechanism used for linking inputs to outputs.

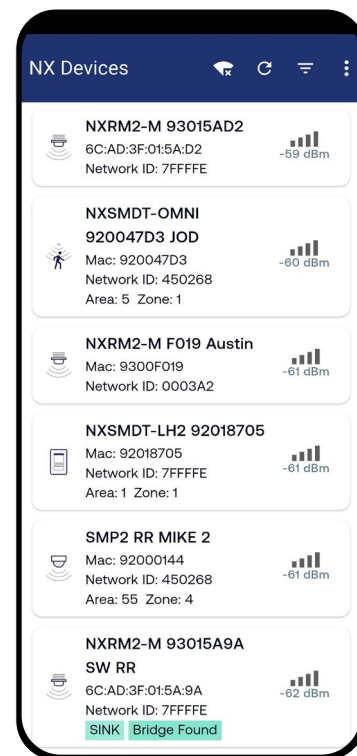
HOMEPAGE

Once the NX Lighting Controls App has been installed on a mobile device, the NX Lighting Controls App's icon will appear on the device. To open the app, simply select the icon on the device. Upon opening the app, the app's homepage will be displayed where you can choose to setup an NX System or an NX One Sensor. This Quick Start User Guide covers the NX System Setup section of the app.



CONNECTING TO A BLUETOOTH® ENABLED NX DEVICE

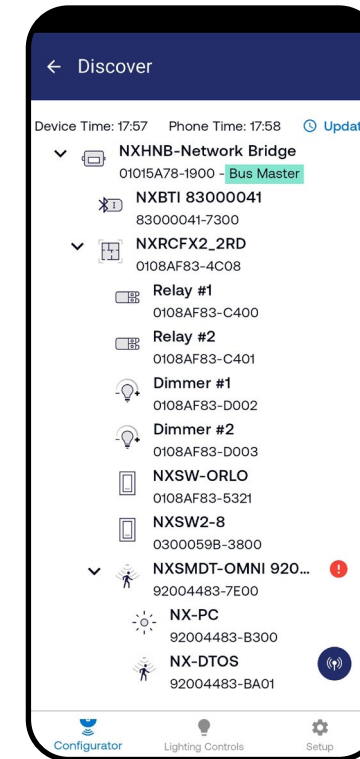
Upon selecting the NX System Setup option from the home screen, the Device Discovery Page will automatically begin to show all NX Bluetooth enabled devices that are in range. The Device Type (or Device Name), Device MAC Address, Network ID, Signal Strength, and additional information will assist in locating the exact device you're trying to connect to and configure. Note that if a Security Passcode has previously been enabled for the Device, you will be prompted to enter the Passcode prior to connecting. All NX Bluetooth enabled Devices are security enabled and can be protected against unauthorized connection through a security PIN.



There are several NX Devices that are Bluetooth enabled. Connecting to a Bluetooth enabled NX Device will allow configuration of that individual device's settings in addition to any NX devices that are connected to it via a wired SmartPORT or FX Port connection.

NAVIGATING THE APP

Once a device is selected from the NX Devices Bluetooth Discovery page, the app will display a list of all the connected devices within a Zone that are available for programming.



At the bottom of the screen the following functions are available:

Configurator

- Commission selected device into an Area & Zone
- Program device specific settings
- Create Zone presets
- Create Zone schedules
- Wink a device
- Create profiles with device settings

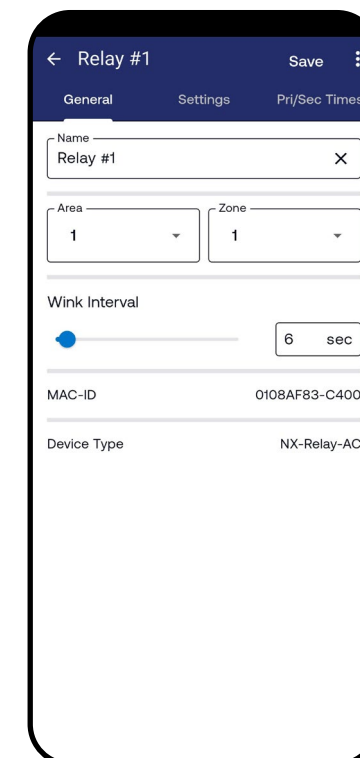
Lighting Controls

- Control group(s) within a selected Area & Zone

Setup

- Select holidays
- Specify device location (latitude/longitude)
- Specify open & close times
- Set date and time
- Perform firmware updates
- Perform a master reboot

Tapping a device will open the device's configuration screen.



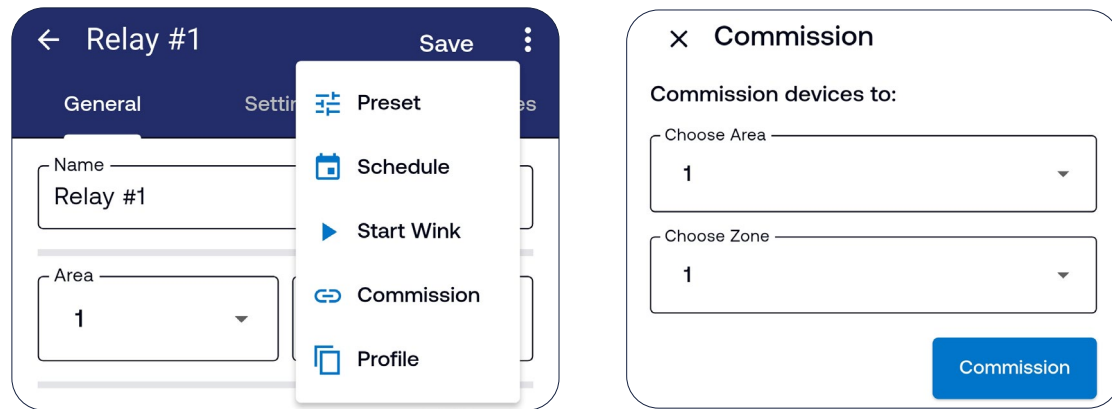
COMMISSIONING DEVICES INTO AREAS AND ZONES

To commission a device into a specific Area and Zone, either select the Area and Zone from the device's General settings or select "Commission" from the Three-Dot Menu located at the top of the device's configuration page. Select the Area and Zone, then press the Commission button.

Method 1:

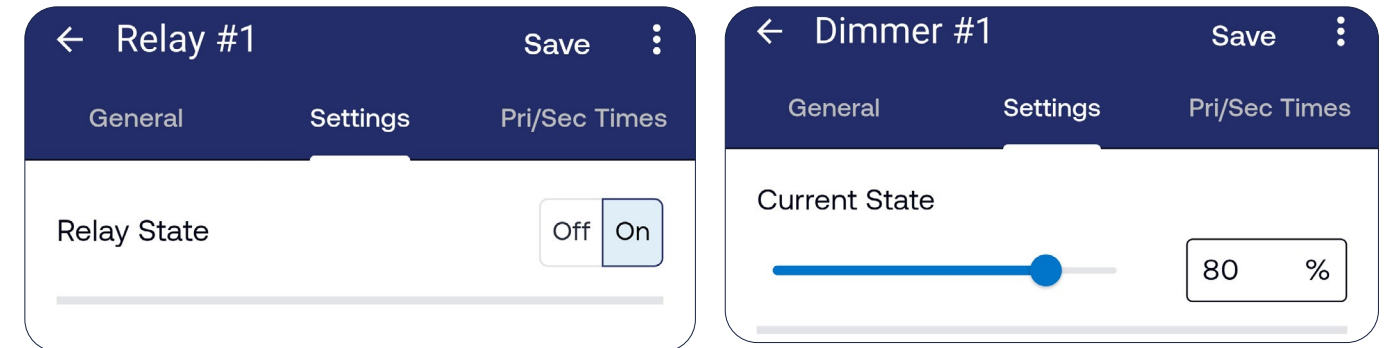


Method 2:



RELAYS AND DIMMERS

To configure the relays and dimmers, simply select the corresponding relay or dimmer from the device list. The configuration screens for both relays and dimmers offer control of connected lighting loads. The Relay State button on the relay screen and the Current State Slider on the dimmer screen will control the lighting loads in real time. All other selections are settings for each device's behavior based on occupancy, priority or group to which they are associated.

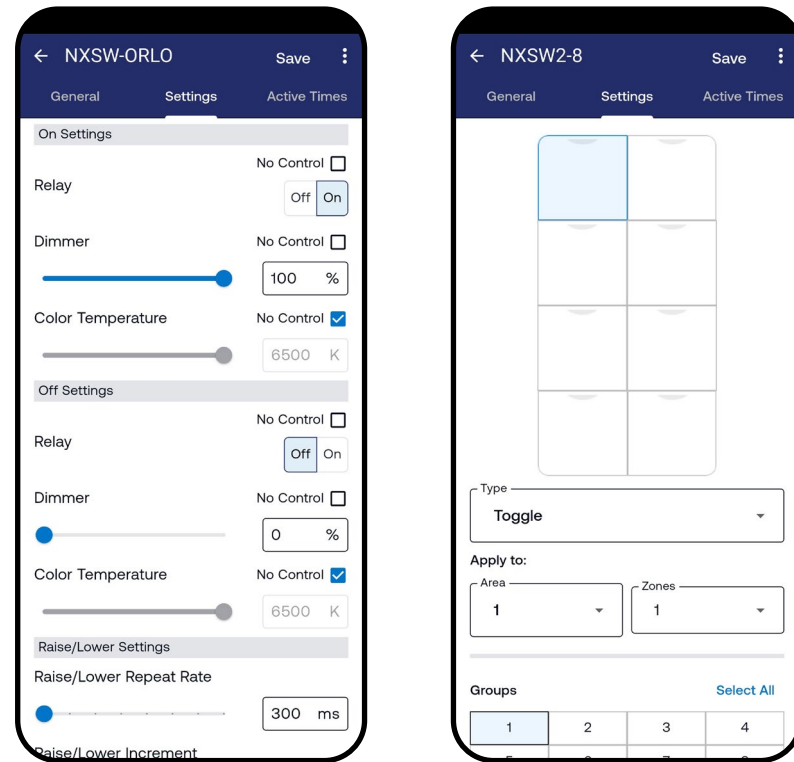


Relays and dimmers must be included in at least one Group in order to function with other devices in the same Zone. Note: By default, all relays and dimmers are assigned to Group 1. To assign a device to one or more of the 16 available groups, go to the Groups section of the Settings screen and select the group(s).

Press "Save" to save the device's settings.

NX WALL STATIONS

NX offers two categories of wall stations - Specialty & Programmable. Specialty Wall Stations are preprogrammed from the factory with default button configurations. These button configurations cannot be changed but their settings can be adjusted. The Programmable Smart Wall Stations, such as the NXSW2-8, have buttons that can be programmed to any of the available button types in the NX system and provide unique functionality. To begin configuring an NX Wall Station, simply select a switch from the device list screen to open the individual configuration page for that switch.



NX Specialty and Programmable Smart Wall Stations must be included in at least one Group in order to function with other devices in the same Zone. Note: By default, all Specialty and Programmable Switch Stations are assigned to Group 1. To assign a switch station or switch station button to one or more of the 16 available groups, go to the Groups section of the Settings screen and select the group(s).

Press “Save” to save the device’s settings.

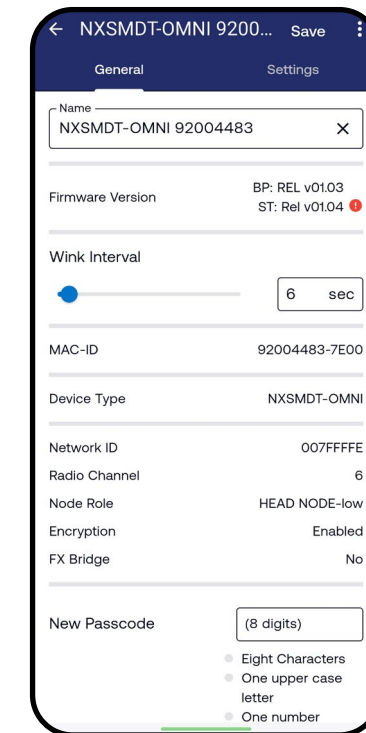
NX SMART SENSORS

NX Digital Smart Sensors are unique in that each sensor includes an embedded Bluetooth® radio, passive infrared occupancy sensor technology and a daylight sensor. Note: Certain models feature passive infrared and ultrasonic sensing technology.

To configure an NX Smart Sensor, select the desired sensor from the device list screen. Before configuring the Occupancy and Daylight sensor settings, it is strongly recommended to name the device to assist with identification. To name a device, simply tap on the Name field, then type in a name for the device. Press “Save” to save the device’s settings.

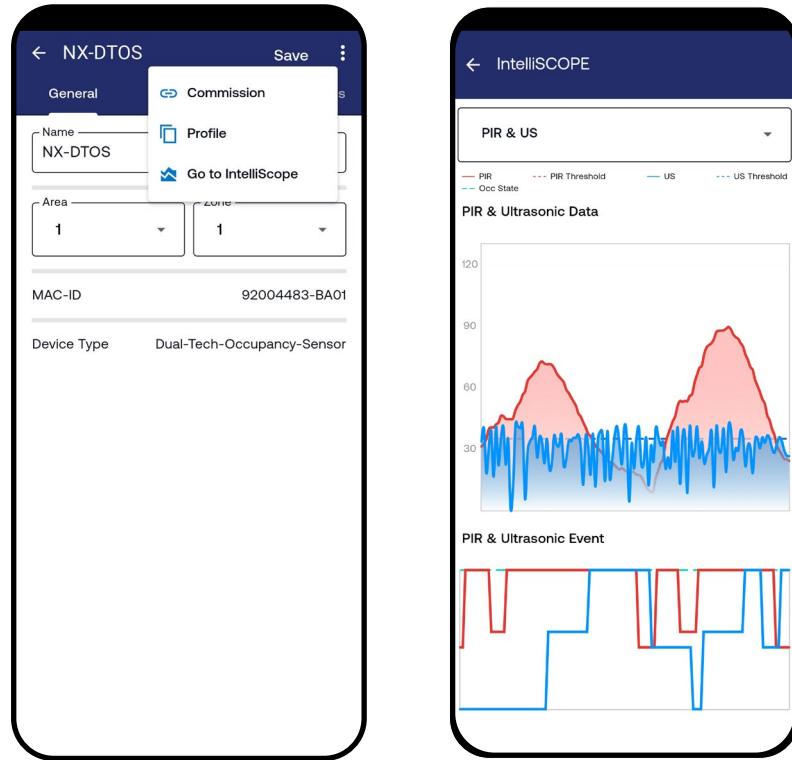
In addition to naming the device, it is also strongly recommended to set a passcode to prevent unauthorized Bluetooth connection to the NX system. To use this feature, scroll to the New Passcode Setup and enter the desired passcode into the corresponding fields.

Note: ASCII characters can be used to create a passcode with a max of 8 characters.



SMART OCCUPANCY SENSORS

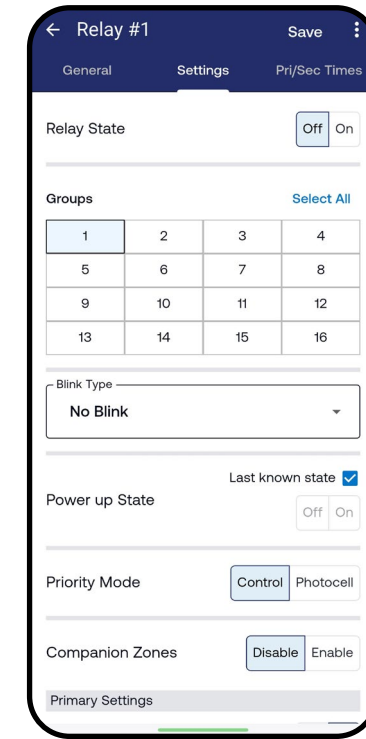
All NX Digital Occupancy Sensors come equipped with IntelliSCOPE™ for real time occupancy data visualization. To access IntelliSCOPE™, ensure you are on the NX Smart Occupancy Sensor's Configuration page. From the Three-Dot Menu, select "Go to IntelliSCOPE" to open the IntelliSCOPE™ screen to view real time occupancy data for the corresponding sensor. To adjust the Passive Infrared and/or Ultrasonic sensitivity settings, simply return to the settings screen and adjust the sensitivity settings. Press "Save" to save the device's settings. This tool assists in precise calibration of the occupancy sensor from a mobile device without physically accessing the sensor.



CONFIGURING GROUPS, PRESETS AND SCHEDULES

GROUPS

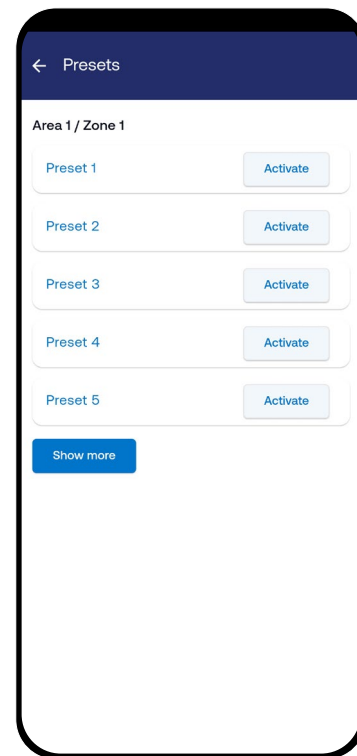
All devices must belong in at least one Group with a relay and/or dimmer in order to control any connected lighting loads. When configuring any NX device, ensure that at least one Group is selected on the Settings configuration screen. By default, all devices belong to at least one group (Group 1) until reassigned to one or more of the 16 available groups.



CONFIGURING GROUPS, PRESETS AND SCHEDULES

PRESETS

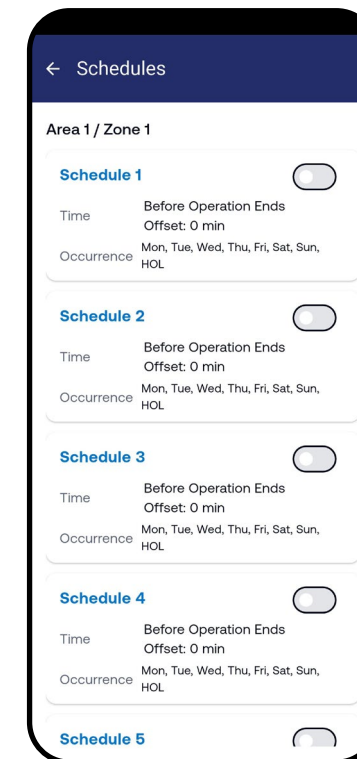
To configure Presets for a Zone, select a relay or dimmer from the device list screen. From the Three-Dot Menu located at the top of the device's configuration screen, select "Preset" to display the first five presets for the Zone the device is a member of. To display additional presets, press the Show More button. Note: Each Zone can have up to 16 presets defined. On the Presets screen, select a Preset 1-16 in order to configure it. Once the selected Preset has been configured and saved, the Preset can be tested using the Activate button next to each Preset in the list.



CONFIGURING GROUPS, PRESETS AND SCHEDULES

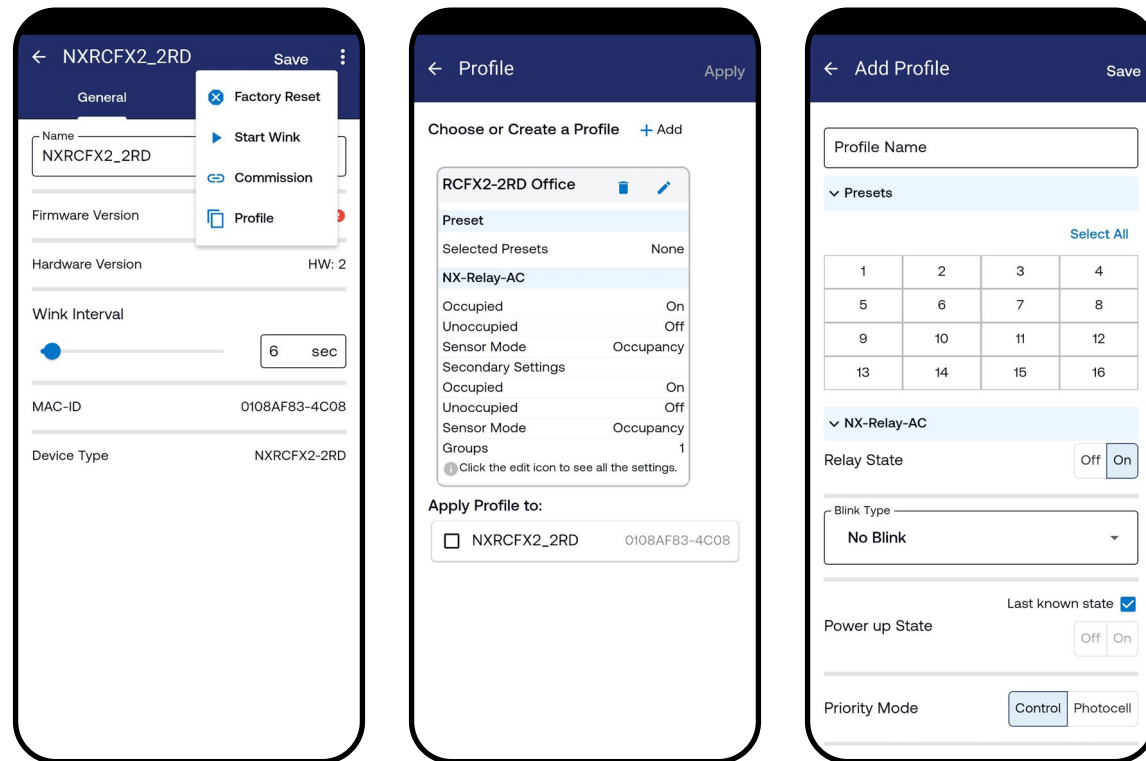
SCHEDULES

To configure Schedules for a Zone, select a relay or dimmer from the device list screen. From the Three-Dot Menu located at the top of the device's configuration screen, select "Schedule" to display the first five schedules for the Zone the device is a member of. To display additional schedules, press the Show More button. Note: Each Zone can have up to 99 schedules defined. On the Schedules screen, select a Schedule in order to configure it. Once the selected Schedule has been configured and saved, the Schedule can then be enabled or disabled. Note: The **location and time must be set** for a schedule to operate correctly. These can be set from the Setup page.



DEVICE CONFIGURATION PROFILES / CLONING SETTINGS

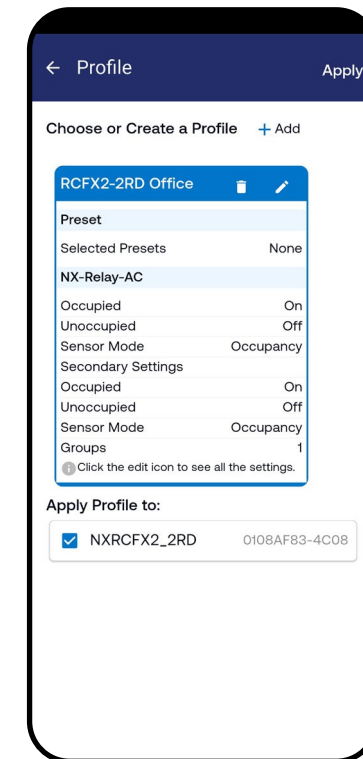
The NX Lighting Controls Mobile App enables you to save (copy) settings from an individual device such as a room controller, relay, dimmer, sensor, or switch and re-use (clone) it onto another device of the same type. To use this feature, select a device from the device list screen. From the Three-Dot Menu located at the top of the device's configuration screen, select "Profile" to choose or create a profile. To create a profile, press "+ Add" and name the profile and configure the settings for that device. Press Save to save the profile. Note: Multiple profiles for this specific device type can be created.



DEVICE CONFIGURATION PROFILES / CLONING SETTINGS

To edit a profile, select the profile, then select the pencil icon. To delete a profile, select the profile, then select the trash can icon.

To apply a profile's settings to one or more devices of that device type, select the profile, then select the device(s) and press "Apply".





ARCHITECTURAL AREA LIGHTING

BEACON

COLUMBIA LIGHTING

COMPASS

DUAL-LITE

EXO

FORUM

KIM LIGHTING

KURT VERSEN

LIFESHIELD

LITECONTROL

NX LIGHTING CONTROLS

PRESCOLITE

Current - HLI Brands

701 Millennium Blvd.
Greenville, SC 29607

currentlighting.com/nx-lighting-controls

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