



# CRC3305

## LCD Touch Screen Switch

### Overview

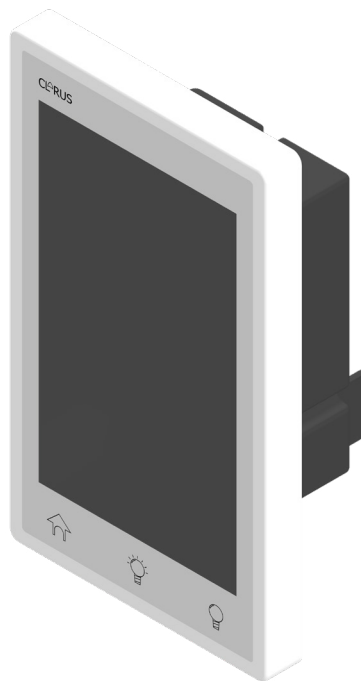
The LCD Touch Screen Switch provides elegant and sophisticated user controls to any NexLight Lighting Control System. It provides versatile and easy to use graphics for Individual, Group, and Scene control providing visually dynamic ON/OFF and Dimming control. Powered solely by the NexLight 2-Wire Data Bus, the CRC3305 requires no additional control power.

### Physical Specification

<b>Dimensions:</b>	4.72" H x 2.76" W x 1.85" D (120 mm x 70 mm x 47 mm)
<b>Temperature Rating:</b>	14 °F to 131 °F (-10 °C to 55 °C)
<b>Weight:</b>	4.00 oz (113 g)
<b>LCD:</b>	4" TFT LCD Projective Capacitive Touch

### Electrical (Control Wiring)

<b>Data Input:</b>	±24 VAC, Signal
<b>Current Draw:</b>	33.0 mA



### Features

- » 4" Full Color Touch Screen
- » Attractive architecturally pleasing design
- » Powered solely by the 2-Wire Data Bus
- » Up to 8 pages available per switch
- » Installs in a standard single gang switch box

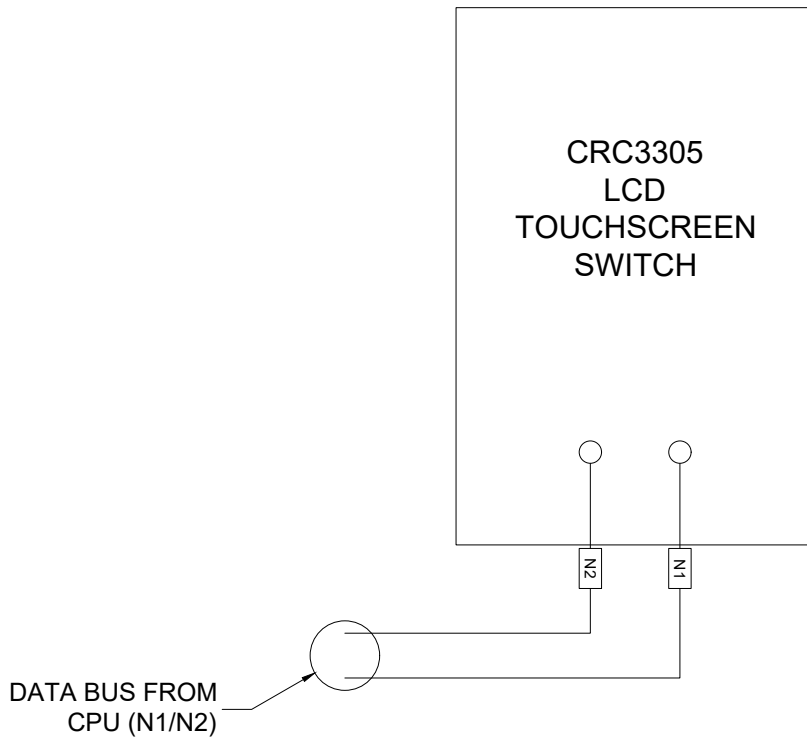


# Terminal Identification



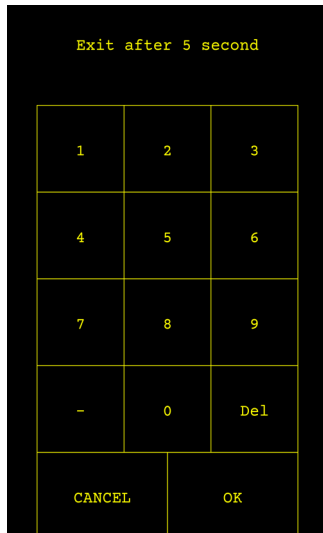
- 1. USB-C\*
- 2. 2-Wire Data Bus

# Wiring Diagrams



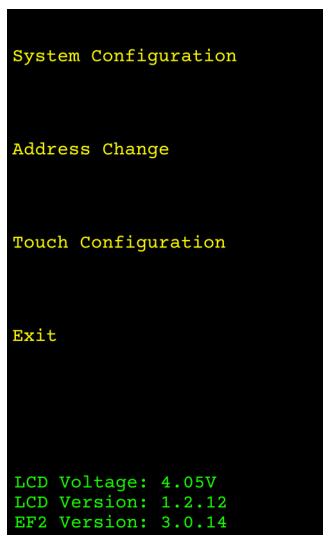
# Programming

Programming of the CRC3305 LCD Touch Screen Switch is based on preprogrammed pages that are saved in the onboard memory inside the switch. New switch files can be created by NexLight and uploaded by the end user via a USB-C flash drive. Addressing for the preprogrammed controls can be changed by the user using the switch's menu system.




## Default Password

The default password for the CRC3305 is **[2580+OK]**. This password cannot be changed.

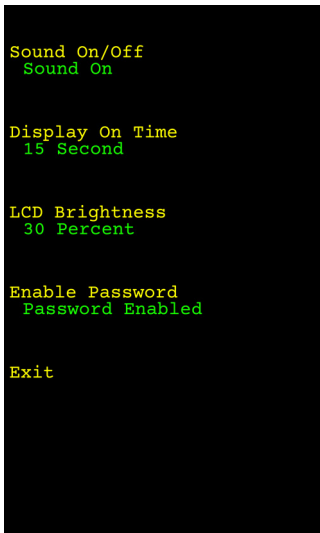


## Main Menu

To access the main menu, press and hold the home icon  on the front of the switch.

Open each submenu by tapping on the desired selection. To return to the previous menu, tap the home icon on the front of the switch.





### System Configuration

Sound On/Off: Enable or disable the sound on the switch.

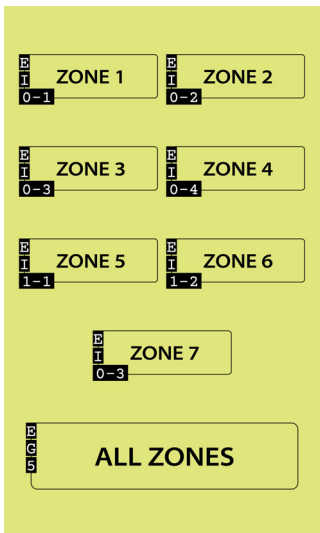
Display On Time: Change the amount of time that elapses before the screen enters sleep mode and turns off.

LCD Brightness: Change the brightness setting of the screen.

Enable Password: Enable or disable the password protection in order to view or use the switch's functions.

NOTE: The default password for the CRC3305 is [2580]. This password cannot be changed.

Exit: Completely exit the menu system and reboot the switch.

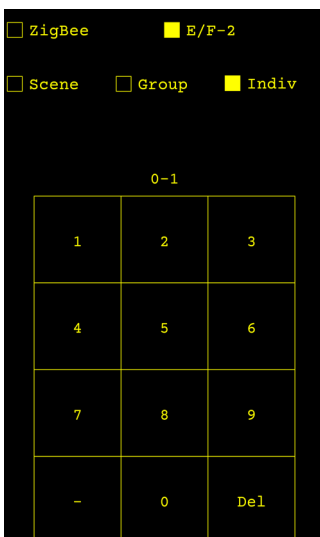


### Address Change

Users can change the address for each control on the preprogrammed pages.

Swipe left or right to display any other pages that were preprogrammed into the switch.

To change a control's address, tap the control you wish to change.



### Address Set

Always ensure [E/F-2] is selected when using the NexLight Lighting Control System.

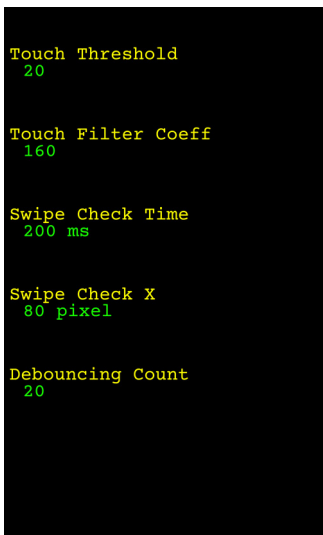
Select the address type you wish to assign.

NOTE: Controls that were initially programmed to an Individual or Group address can only be assigned an Individual or Group address. Controls that were initially programmed to a Scene address can only be assigned a Scene address.

Use the number pad to enter the address you wish to assign to the control.

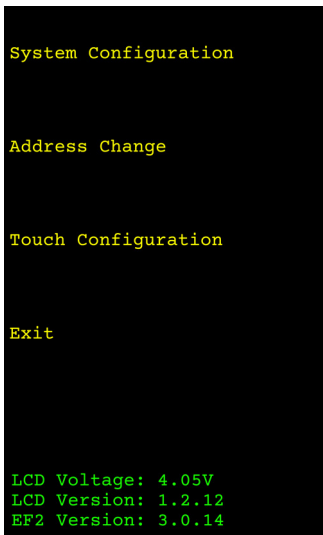
Tap the home icon on the front of the switch to return to the previous menu.





### Touch Configuration

These settings should only be changed by a qualified NexLight technician.



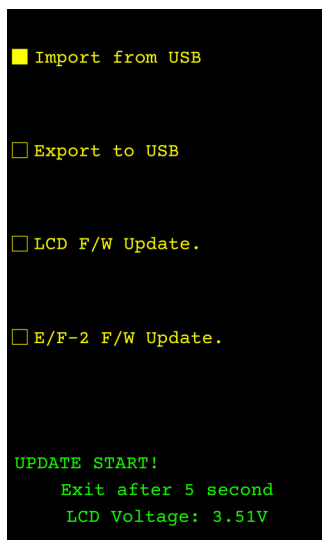
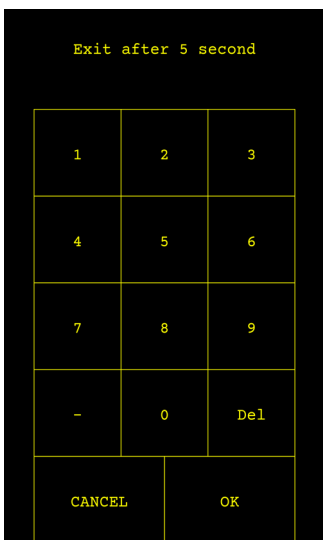
### New Switch Files

Insert the USB-C flash drive into the port on the rear of the switch.

NOTE: USB flash drive **MUST** be 32GB or **LESS** and must be formatted to the FAT32 file system.

Press and hold the home icon on the front of the switch to display the main menu.

Tap [Exit] to reboot the switch.



### New Switch Files

The switch will detect the presence of a USB flash drive. Enter the default password [2580+OK] within 5 seconds. Within 5 seconds, tap [Import from USB]. Within 5 additional seconds, tap [UPDATE START!]. The LCD screen will turn off. The switch will emit a series of beeps and pauses ending with four lower pitched beeps. When the beep sequence has been silent for greater than 20 seconds, the programming upload has finished. Remove the USB flash drive from the port on the rear of the switch. Tap the home icon on the front of the switch to initiate the boot sequence for the switch.

