

LIGHTSYNC TOUCH-CONTROL STATION LCD USER INTERFACE

GRAPHICAL CONTROL STATION(S)

- A) Where shown on the drawings, the contractor shall furnish and install LightSync Touch-Control graphical switch station(s) designed to interface with LightLEEDer lighting control panels. Interface shall be accomplished by attachment as a LightSync switch node emulator on the lighting control system network. The connection medium shall be CAT-5 or CAT-5e 8-conductor cable. It shall be designed for interior space non-explosive, non-corrosive atmosphere in an environment of 0-50 degree C. relative humidity 10-90% non-condensing.
- B) The LightSync Touch-Control station(s) shall control and display true status of LightLEEDer panel relay outputs and dimming outputs using control buttons and dimming bars on standard screens.
- C) The lighting control station(s) shall be UL approved, be FCC certified for commercial applications and be vibration classified as stationary application NEMA level A.
- D) Hardware Features:
 - 1. LCD touch switch station(s) shall be flush mounted and be orientated in the portrait or landscape position.
 - 2. Touch station(s) shall be provided with a stainless steel trim ring that mounts directly to a provided enclosure.
 - 3. They shall be available with colored LCD displays in sizes of 3.5", 5.7", or 12.1"
 - 4. Screen resolution shall be 320 x 240 pixels.
 - 5. The screen shall be provided with a backlight for better visibility.
 - 6. An enclosure shall be provided for mounting the external power supply and data interface. It shall be capable of accepting 120, 277, or 347 VAC for power.
 - 7. Data connections shall be two RJ45 connectors to provide data in and data out.
- E) Functional Features:
 - 1. The control station with a touch of the screen and graphical buttons shall control any or all relays, groups, or presets on the network.
 - 2. It shall be capable of controlling any of the 0-10V dimming output on the network with the use of a graphical dimming bar that can be used as a slide switch or an instant level switch with a touch at any point on the bar. The dimming bar shall be available with touch points from 0% to 100% and display the current level of the slide switch in percentile.
 - 3. There shall be up to 128 inputs per station with 8 being used for each dimmer bar.
 - 4. True status of relays, groups, and presets shall be displayed next to each button.

ILC LightSync Touch-Control Specification

5. It shall support up to 8 standard screens per touch station. The station shall be configured using 1 to 8 of our standard screens.
6. There shall be a main navigation screen for multiple screens. It shall also have the capability to have a single screen without any navigation screen.
7. Switch buttons shall have programmable text that can be adjusted for font and size characters per button.
8. Passwords for each screen shall be optional with the use of a numerical touch pad.

F) Programming:

The touch station will emulate up to 16 LightSync switch devices on the network and can be programmed through the LightLEEDer Pro software or through the keypad of a panel. Screen configuration shall be done with Touch-Control software either at the factory or onsite.