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## Section 1 Program Description

### 1.0 Overview

The ILC LightSync Touch Screen Station 2 Pro Software is an ILC proprietary software package designed for programming LS-TSS2 devices provided by ILC. These screens can be programmed to control lighting relays and dimming outputs as if they were LightSync devices on the data line. With the use of this software, up to 16 custom screens can be designed with up to 32 control/navigation buttons, 32 status indicators, 8 dimming sliders, Color Control navigation button , and 16 text captions per screen.

Note: This software will program the Touch Screen Station 2 devices released in March of 2020. These models include a 3.5" 4.3" and 7" LS-TSS2 devices. Examine the Touch Screen for a label indicating LS-TSS2 should be found on the back of the device.

If you have an existing model not labeled LS-TSS2 please contact ILC for Instruction manual with details for the legacy product. 952-842-2578 or [techsupport@ilc-usa.com](mailto:techsupport@ilc-usa.com)

### 1.1 Suggested Minimum System Requirements

The following are the minimum system requirements to run the ILC LightSync Touch software. Running this software with less than the minimum hardware requirements or operating systems other than listed may provide unexpected results.

- Personal Computer or Laptop
- I7 7700 4.2Ghz
- Windows 10 Pro
- 64 bit OS
- USB 1.0
- 8 Gb Ram
- SVGA monitor 1024 x 768
- Full Administrator Rights
- SD-Micro or SD Card interface

### 1.2 Installing the Program

Follow this procedure for installing the ILC LightSync Touch Configuration software on your computer. This must be installed with a user with administrative rights and with any antivirus program disabled.

Run the setup by double-clicking the ILC LightSync TS2 Pro Setup Revxxx Build2.exe file provided by ILC. Select "Run" if any security warning messages appear. Select "NEXT", and then "Install". Press "Finish" to complete the software install. The Silicon Laboratories Bridge Driver Install window will open. Select "Install" to load the proper driver for communications. Once installed you will be prompted to restart the system to finalize the installation, click on "Yes".

### 1.3 Running the Program

Double click on the icon installed on your desktop as shown in Figure 1 to run the ILC LightSync Touch Screen Pro program. The opening software window is shown in Figure 2.



Figure 1 LightSync Touch Program Icon

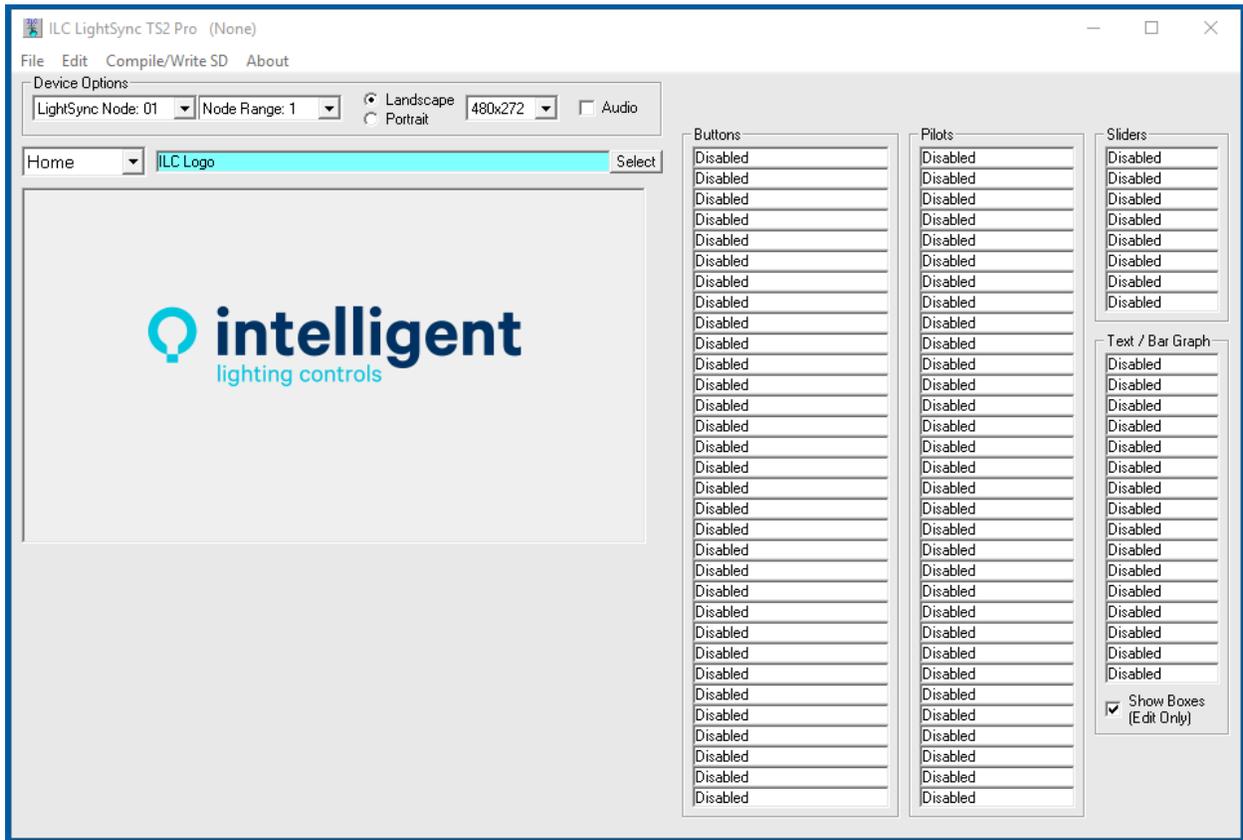


Figure 2 Opening Software Window

## 1.4 Navigating the Program

The following items can be found on the opening software window.

**File:** This pull-down menu has options for you to create a new program file, open an existing program file, save a program file, save-as, export screen, import screen, and exit the program.

**Edit:** In this pull-down menu, you will find options for New icon for the current screen to create a control button, status pilot, slider, or text. There is also a Clear screen option in this menu that clears all objects including the background from the current screen. Show Grid, Grid Size, Grid Color, Snap To Grid and Undo Snap are all used for aligning the control icons on the screen.

**Compile/Write SD:** This tool will compile the program images and layout of controls and write to the SD card, this will take you to the SD card write screen.

**About:** this will display the software revision, Example: ILC LightSync TS2 Pro, Software Rev 3.00

**Device Options:** Located in the upper section of the program, there is a pull-down menu to set the base or starting LightSync device node address, the Range of LightSync node addresses used, screen orientation, screen size, audio enable.

**Screen Selection:** From a pull-down menu, you can select from 1 of 16 screens to program including the "Home" screen. The default Home screen is the ILC Logo on a standard gray background, by pressing the select button, you can choose the background color or previously designed custom graphic screen in a .bmp file format.

**Screen Design Area:** This area is the same size as the screen and is the design area where all of the objects will be added to create your screen. These screens will appear very similar to the actual touch screen. Take care to not place buttons at the edge of the screen area, consider the first 3-5 spacing points an area where the plastic bezel may come in contact with the screen causing false triggers.

**Screen Programming Objects:** In the right-hand area of the program window, you will find control buttons, status pilots, slide dimmers, and text/bar graph options. Choose Edit from one of the items to start programming. You will also find a check box for show text boxes this will allow a grayed-out area to appear where the text box is placed for alignment.







































