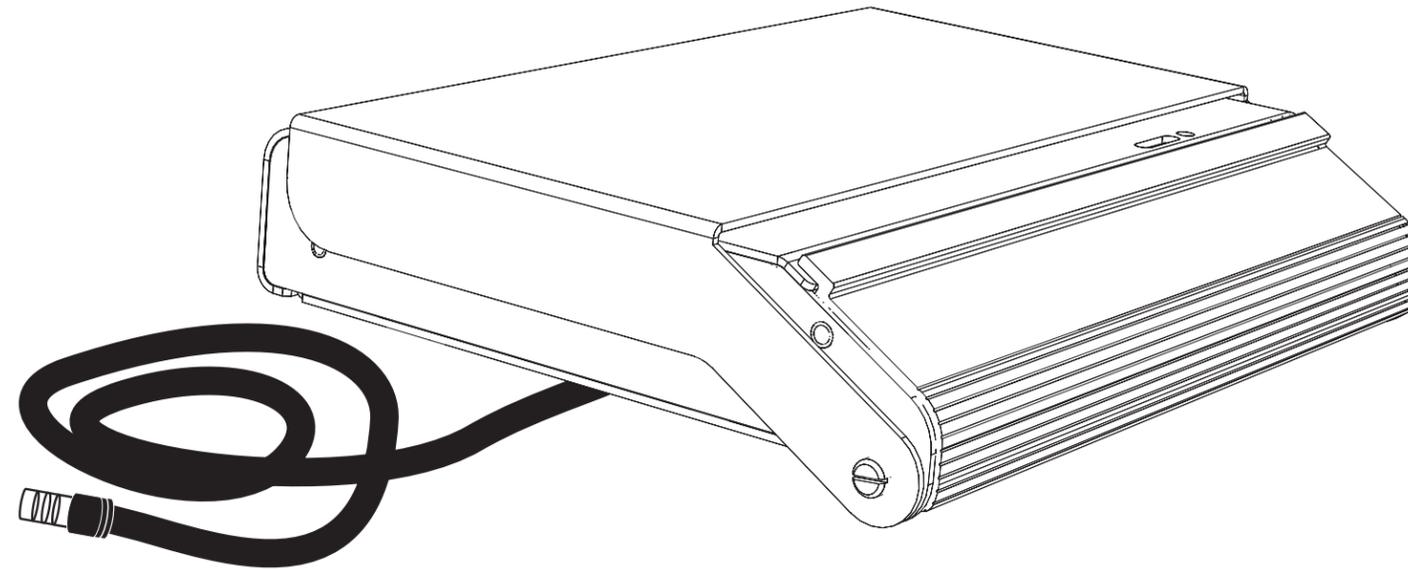




PARADIGM™

Portable Touchscreen Setup Guide



Overview

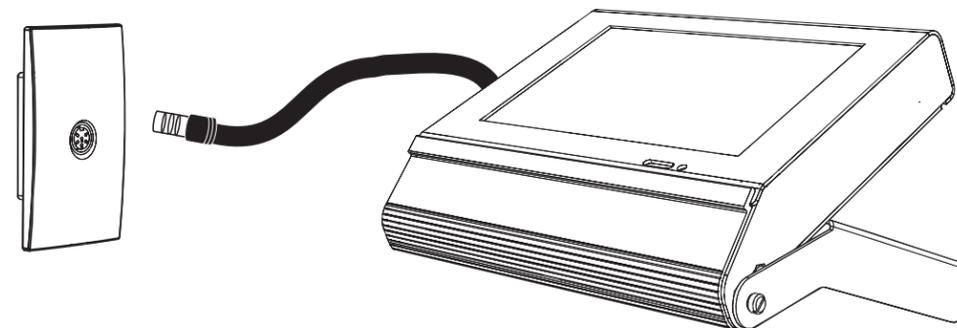
The Paradigm Portable Touchscreen uses a high-resolution, 7" wide-screen, color liquid-crystal display that is bright and easy to read, with controllable back lights. The station is touch-sensitive and provides visual as well as optional feedback that tells you when your commands are fully registered.

Each control on the display is designed to your specifications using ControlDesigner™ software.

Additional features include:

- A "Ready-When-You-Are" built-in proximity and ambient light sensor.
- Portable LinkConnect, using Echelon® LonTalk protocol with LinkPower, the topology-free system gives you the freedom to connect the LCD where you need it, and provide unique controls for each connection point to the system.
- USBConnect support, a USB flash drive connection for configuration and theme upload and download.
- Quickload, SD media support (2GB or smaller) for upload and backup of the configuration and theme.
- Supports standard or custom graphical control pages.

Connect Paradigm Portable Touchscreen



Step 1: Swing the cover completely around the unit to create a tabletop stand. The angle of the stand provides for easy viewing of the LCD.

Step 2: Connect to the receptacle station (UH1RS).

NOTE: Startup takes a minimum of 20 seconds depending on the configuration.

Step 3: The Touchscreen opens the internally stored configuration and theme according to the receptacle station it is connected to. Utilize the controls on the display to access the lighting system.

NOTE: For configuration or theme upload and download, see page 2 of this document.

Cleaning the Display

Use a dry micro fibre or lint-free cloth to clean the LCD. Do not use any chemical or water-base solutions.



Bind the Portable Touchscreen

Before binding your Portable Touchscreen, please confirm the installation meets the following requirements:

- Both the receptacle station (UH1RS) and the Portable Touchscreen (P-LCD-P) have been added to the configured space in LightDesigner.
- The Portable Touchscreen must be enabled for use with the specific receptacle station (UH1RS). This is set in the “Portable” property of the LightDesigner Property Editor for the Touchscreen. You can enable a Portable Touchscreen to more than one receptacle station in a configuration. The displayed configuration and theme may be different for each configured Touchscreen and receptacle station connector depending on the assignments in the configured space.
- The receptacle station’s physical ID (found on a label on the front of the UH1RS station) must be associated to the configured receptacle station in LightDesigner. This ID should be manually entered into the “Connector ROM” property in the LightDesigner Property Editor for that station. This is the recommended approach as it avoids manual binding at the Paradigm processor.
- The LightDesigner configuration has been uploaded to the Paradigm ACP(s). Reference the LightDesigner online help system for details on uploading a configuration.

Step 1: Physically connect the Portable Touchscreen to the receptacle station (UH1RS).

NOTE: Startup takes a minimum of 20 seconds depending on the configuration. If the receptacle station’s physical ID is associated in the Paradigm configuration, the Portable LCD will automatically bind at startup. If you receive a “No Response from Server” message, proceed to Step 2.

Step 2: At the Paradigm processor facepanel, press enter ✓ to access the menu.

Step 3: Navigate to the Arch Setup > LonWorks Connections menu and bind the Touchscreen station using the “Connect Device” option. Reference the Paradigm ACP Configuration Manual for complete details on connecting a device.

Configuration and Theme Files

Exporting Files from LightDesigner

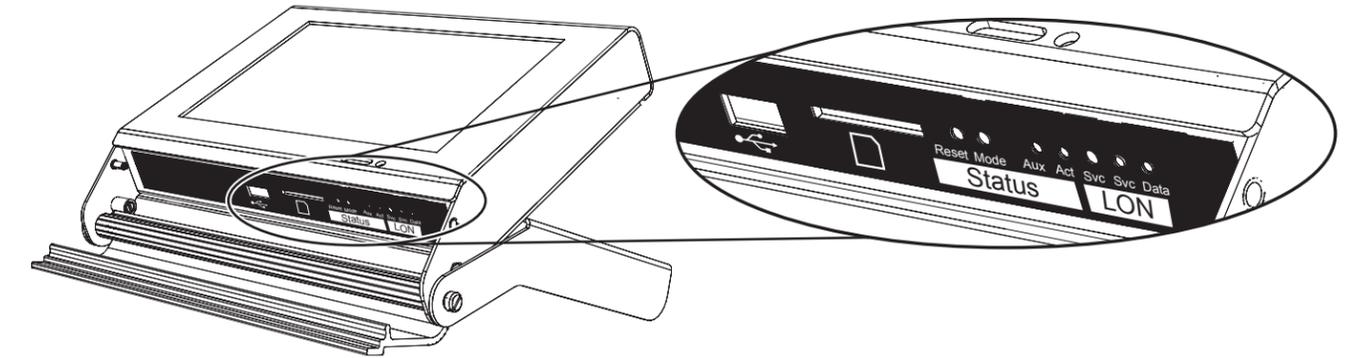
Step 1: From the LightDesigner configuration, select (File) “Export Portable LCD Files”. The “Export Portable LCD Files” dialog displays.

Step 2: Select which Portable LCD files will be exported from the selection and click [OK]. The “Browse For Folder” dialog displays for selection of a location the files will be exported to, such as a removable USB device. Two file types will be exported, the configuration file saves with a “.lcdconf” extension and the theme saves with an “.lcdtheme” extension.

NOTE: It is best to store the configuration and theme files to removable media for loading to the Touchscreen.

Loading Files onto the Touchscreen

NOTE: If the Portable Touchscreen is already bound to the Paradigm processor, it will automatically begin retrieving its LCD configuration file when powered. Press the [Cancel] button to stop the transfer and manually load the configuration files instead.



I/O Indicators

- **Reset pin** - when pressed, resets the Portable LCD software
- **Mode pin** - press once for Setup menu. Press and hold for 4 seconds to calibrate the Touchscreen.
- **Aux LED** - indicates the Touchscreen is powered (Aux 24 Vdc)
- **Act LED** - application activity is detected
- **Svc pin** - when pressed, sends the stations Neuron ID to the connected processor
- **Svc LED** - service pin indicator
- **Data LED** - indicates LON network activity

Step 1: Open the I/O access door to reveal the access points for removable media (USB and SD) and the Status and LON LEDs.

Step 2: Insert removable media into the appropriate port.

Step 3: Press the “Mode” pin to initiate the “Setup” menu.

Step 4: Press the [Setup] button located on the top left corner of the display.

Step 5: Press [Files] button. A keypad displays for passcode entry.

Step 6: Enter passcode 4116 to access the Files menu.

NOTE: Standard ETC provided themes used in your configuration do not need to be manually uploaded to the LCD. These themes are loaded for you at the factory and will display beneath the “Themes” directory.

Step 7: Press the [Config] button to load the configuration file(s) to the Touchscreen or press [Theme] to load the theme file(s) to the Touchscreen.

Step 8: Press [Load From] and choose the removable media source the configuration files will be loaded from, then press [OK].

Step 9: Select the specific file (or select multiple files) from the list that you would like to load onto the Touchscreen.

NOTE: It is possible to retrieve configuration files from the Paradigm ACP on the Touchscreen, however ETC recommends using removable media to load configurations and themes on portable Touchscreens to reduce commissioning time. If an automatic configuration file transfer begins, press the [Cancel] button to stop the transfer and manually upload the configuration.