Unison Paradigm® Handheld Touchscreen

Unison Control Series

General Information

The Paradigm Handheld Touchscreen allows flexible control of your system wherever it is convenient for you to work. Using a wired or wireless connection, the Handheld Touchscreen can be located wherever there is a connector station or wireless access station. The aluminum frame is designed to stand up to the abuse of busy commercial environments. With an interface designed to your specifications with ControlDesigner™ software, the Touchscreen guides you quickly through control options, based on where you are in your facility. The Paradigm Handheld Touchscreen can be connected to your system using a MeshConnect wireless connection, a docking station, or a LinkConnect wired connection.

Applications

- Houses of worship
- Hotels
- Convention centers
- Meeting rooms

Features

- 7" WVGA (800x480) 24-bit color LCD touchscreen
- Color Picker: HSB color picker support for dynamic hue selection of color-mixing fixtures
- Create, edit and override of timed events
- MeshConnect: wireless connectivity to Paradigm Wireless Access Stations and docking stations for flexible control wherever necessary
- Portable LinkConnect: wired connection to the system with unique controls for each connection point
- Ready-When-You-Are: built-in proximity and ambient light sensors make sure the station is ready to respond when you are about to use it
- Tilt sensors automatically detect and adjust the display orientation
- Supports standard or custom graphical control pages

Ordering Information

<table>
<thead>
<tr>
<th>Paradigm Handheld Touchscreen</th>
<th>MODEL</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>P-LCD-H</td>
<td>Handheld Touchscreen Station</td>
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<table>
<thead>
<tr>
<th>Paradigm Handheld Touchscreen Accessories</th>
<th>MODEL</th>
<th>DESCRIPTION</th>
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<tbody>
<tr>
<td>P-LCD-DOCK</td>
<td>Handheld Touchscreen Docking Station</td>
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<tr>
<td>P-LCD-WAS</td>
<td>Handheld Touchscreen Wireless Access Station</td>
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<tr>
<th>Paradigm Handheld Cable</th>
<th>MODEL</th>
<th>DESCRIPTION</th>
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<tbody>
<tr>
<td>LC-6</td>
<td>6-foot Handheld LinkConnect Cable</td>
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<tr>
<td>LC-15</td>
<td>15-foot Handheld LinkConnect Cable</td>
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**FUNCTIONAL**
- Built-in setup display, separate from user-configured pages
- Configuration upload from the following sources:
  - LightDesigner™ software
  - Paradigm Architectural Control Processor
  - SD media or USB flashdrive
- Ability to store multiple configurations on one touchscreen and select which configuration is active
- Allows at least 30 separate control pages
- Individual zone control and Preset record and selection
- Room-combine controls
- Preset, color, sequence, macro, and custom control activation
- Edit, initiate, or override timed events
- Multi-level electronic lockout
- Custom controls configured from LightDesigner™ software
- Custom graphics from ControlDesigner™ software

**MECHANICAL**
- LED-backlit, color LCD display with touchscreen interface
- Aluminum enclosure in black and clear anodized finish
- Adjustable brightness and contrast for low light conditions
- 7” WVGA display (800x480) with 24-bit color
- Tilt sensor for automatic display rotation
- Six-pin connector for Portable LinkConnect cable connection
  - Supports Portable LinkConnect cables up to 100’ (optional)

**ELECTRICAL**
- Connect using Portable LinkConnect or MeshConnect
- MeshConnect control network
  - Wireless communication using IEEE 802.15.4 ZigBee
  - Requires Paradigm Wireless Access or Docking Station
  - Recharges using LinkConnect wired connection, when docked in a Docking Station, or using a standard mini-USB charger (not provided)
- LinkConnect control network
  - Topology-free and polarity-independent wiring over Belden 8471 or equivalent, plus two #16 for 24Vdc AuxPower and one #14 ESD drain wire
  - Wiring may be bus, star, loop, home-run or any combination of these
- Touchscreen Powered by integral Lithium-Ion battery
  - Minimum four hours continuous use
  - Minimum eight hours standby time
- Ethernet connection when used with optional Docking Station
- Meets or exceeds EN60950-1, N55103-1, EN55103-2 and IEC1000-4-2
- UL and cUL LISTED, CE Marked

**THERMAL**
- Ambient room temperature: 0-40°C / 32-104°F
- Ambient humidity: 10-95% non-condensing

**PHYSICAL**

### P-LCD-H Dimensions

<table>
<thead>
<tr>
<th>MODEL</th>
<th>HEIGHT</th>
<th>WIDTH</th>
<th>DEPTH</th>
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<tbody>
<tr>
<td></td>
<td>inches</td>
<td>mm</td>
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<tr>
<td>P-LCD-H</td>
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### P-LCD-H Weights

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<th>SHIPPING WEIGHT</th>
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<tbody>
<tr>
<td></td>
<td>lbs</td>
<td>kgs</td>
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<tr>
<td>P-LCD-H</td>
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<td>0.93</td>
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Unison® products protected by one or more of the following: U.S. Patent no. 5,323,088, 6,849,943, and 5,352,958; European Patent No. 0603333; German Patent No. 69203609; US and International patents pending.