General Information

The 18” Touchscreen is for Unison Paradigm systems that utilize the Paradigm Central Control Server™. This high-resolution LCD interface allows users to have the types of graphical controls and information displays they need for managing their large lighting systems – at the tap of a finger. The Touchscreen is a command center that gives users a big-picture view of their lighting operations. This elegant Touchscreen comes with a convenient tabletop stand or it can be surface-mounted or rack-mounted via optional accessory kits.

Applications

- Hotels and Convention Centers
- Theme Parks
- Cruise Ships
- Theaters
- Museums

Features

- 18.5” (1366x768 WXGA TFT) color LCD touchscreen
- Utilizes Virtual Touchscreen (VTS) capabilities of the Paradigm Central Control Server (P-CCS)
- ColorPicker – Support for HSB color picker for dynamic selection of color with LED and multi-parameter fixtures, Timed Event creation, edit, and override from setup menu
- Secure-it Electronic Lockout – configurable, software based access level control with up to three levels of access utilizing numeric pass codes
- NetConnect – making use of low-cost, easy to install Cat5 to connect Touchscreen stations to a networked Paradigm Server System
- USBConnect – Support for USB flash drives for configuration upload and download
- Support of standard or custom graphical control pages

Ordering Information

Paradigm™ 18-inch Touchscreen

<table>
<thead>
<tr>
<th>MODEL</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>P-TS-18</td>
<td>Paradigm 18” Table Top Touchscreen</td>
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Related Accessories

<table>
<thead>
<tr>
<th>MODEL</th>
<th>DESCRIPTION</th>
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<tbody>
<tr>
<td>P-TS18-RK</td>
<td>Paradigm 18” Touchscreen Rack-mount Kit</td>
</tr>
<tr>
<td>P-TS18-WM</td>
<td>Paradigm 18” Touchscreen Wall-mount Kit</td>
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Required Products

<table>
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<tr>
<th>MODEL</th>
<th>DESCRIPTION</th>
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<tr>
<td>P-CCS</td>
<td>Paradigm Central Control Server</td>
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Related Products

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<tr>
<th>MODEL</th>
<th>DESCRIPTION</th>
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<tr>
<td>P-TSI</td>
<td>Paradigm Touchscreen Interface</td>
</tr>
<tr>
<td>P-VTS</td>
<td>Paradigm Virtual Touchscreen Application</td>
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</tbody>
</table>
**SPECIFICATIONS**

**FUNCTIONAL**
- Built-in setup display, separate from user configured pages
- Configuration upload from the following sources:
  - LightDesigner™ software
  - USB Flash Drive, via built in USB port
- Ability to store multiple configurations on one touchscreen and select which configuration is active from an on-screen menu
- Allows at least 30 separate control pages
- Individual zone control
- Preset record and selection
- Room Combine Controls
- Preset, color, sequence, macro, and custom function activation
- Change, initiate, or override timed events
- Multi-level electronic lockout
- Error Reporting for all connected Net3 Devices
- Custom controls configured from LightDesigner software
- Custom graphics from ControlDesigner™ software

**MECHANICAL**
- Backlit, color 18.5” LCD display with resistive touchscreen interface
  - Resolution: 1366x768 WXGA TFT resolution
  - Pixel Pitch: .300 vertical and horizontal
  - Luminance: 300 cd/m2
  - Contrast Ratio: 1000:1
  - Response Time: 5ms
  - Viewing Angle: 80-degrees vertical, 85-degrees horizontal
- Adjustable brightness and contrast for low light conditions
- 100mm x 100mm VESA mountable
- Fan-less Operation
- Two USB connectors for configuration and software upload
- Table stand included, Wall and Rack-mount kits available
- Manufacturer provided back box and mounting kit available for wall mount applications
- Includes wiring compartments for line and low voltage
- AC power outlet included
- RJ45 Ethernet punch down block included

**ELECTRICAL**
- 120-240VAC Power Input to included 12VDC power supply
- Built in overcurrent and surge protection
- Wiring over CAT 5/5e/6 standard Ethernet cable
- UL and cUL LISTED, CE marked

**THERMAL**
- Ambient room temperature: 0-40°C / 32-104°F
- Ambient humidity: 0-90% non-condensing

**PHYSICAL**

**P-TS18 Dimensions**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>HEIGHT</th>
<th>WIDTH</th>
<th>DEPTH</th>
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<tr>
<td></td>
<td>inches</td>
<td>inches</td>
<td>inches</td>
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<tr>
<td>P-TS18</td>
<td>14.76</td>
<td>375</td>
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<tr>
<td>P-TS18-RK</td>
<td>12.22</td>
<td>311</td>
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<tr>
<td>P-TS18-WM</td>
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*Shown above

*Flush back box only

**P-TS18 Weights**

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<tr>
<th>MODEL</th>
<th>WEIGHT</th>
<th>SHIPPING WEIGHT</th>
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<tr>
<td></td>
<td>lbs</td>
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<tr>
<td>P-TS18</td>
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<td>P-TS18-RK</td>
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<td>P-TS18-WM</td>
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<td>2.90</td>
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</tbody>
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*Weights and dimensions typical

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Unison products protected by one or more of the following: U.S. Patent No. 5,323,088, 6,649,943, and 5,352,916; European Patent No. 0062333; German Patent No. 6301609; US and International patents pending. Paradigm® products protected by US and International patents pending.