**DESCRIPTION**

Sapphire™ LCD Touch Screen provides the flexibility of a fully customizable user interface with the convenience of native controls from Leviton's Commercial Systems products.

Sapphire LCD Touch Screens are Leviton’s premier touch screen offering for flexible lighting controls in a variety of settings.

**SAPPHIRE LCD APPLICATIONS**

- Conference Room Control
- Building Supervisor Control Panel
- Classroom Control
- Executive Office Control
- Ballroom Control
- Anywhere touch-interface is desired

**FEATURES**

- 7” Capacitive Touch Screen
- User Interface Components
  - Tabs/Pages
  - Buttons
  - Sliders
- Touch screen status updated from actual device status
- LumaCAN® Connectivity
- Secure Password Protected Administration
- Online/Offline configuration and screen design through PC Tool
- Software & Configuration updates through front panel USB memory stick
- Available Faceplates: White, Light Almond, Black

**BUTTON DETAILS**

- Button Operating Modes
  - Toggle
  - Press/Release
  - Preset Group
- Configurable Caption
- All Network commands supported

**SLIDER DETAILS**

- Configurable Caption
- Supports only Set Channel/Group Level commands
- Configurable numeric level display

**NETWORK COMMANDS**

- Administrative Functions
  - Network Setup
  - Log file import/export
  - Configuration Update
  - Snapshot Record
  - Snapshot Edit
- Set Channel Level
- Set Group Level
- Fade Stop
- Room Combine/Separate
- Fade Rate or Fade Time
- Raise/Lower
PRODUCT BULLETIN

SAPPHIRE USER INTERFACE SCREEN SHOTS

Administration

Conference Room

Gym
NOTES

- D4006 used for low current 2-wire loads
- A2000 used for high current 2-wire, 3-wire and 4-wire loads
- GreenMAX® used for high current switching and 0-10V controlled loads

TOUCH SCREEN WITH CONNECTOR ANNOTATIONS - REAR VIEW

Auxiliary Power Input

LumaCAN® Ports

Factory Default Switch
Sapphire™ LCD Touch Screen

INSTALLATION DIAGRAM

DIMENSIONS

SPECIFICATIONS

- LCD Panel: 7” (17.78cm) Diagonal, 16.9 form factor; 800x480 WVGA; 130°x110° viewing angle; LED Backlight; 24 bit color
- Power Input: +12-24VDC, Class 2SELV; 175mA (175mA at 12V, 875 mA at 24V); 200mA standby current, Power supply via Terminals or LumaCAN® Network
- Environmental: Operating Temperature Range: 14-122°F (5-50°C) Storage Temperature: -4-158°F, (-20° -70°C) Relative Humidity: 0-90° non-condensing
- Enclosure: Mounting/Installation: 4-gang box with a 4-gang raised device cover preferred, 4-gang device box acceptable, IP 30
- Listings: CE, NOM, FCC

ORDERING INFORMATION

<table>
<thead>
<tr>
<th>CAT. NO.</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>TS007-000</td>
<td>7” Touch Screen, Capacitive Interface, No Faceplate Included</td>
</tr>
<tr>
<td>TS007-CoE</td>
<td>7” Touch Screen Color Change Kit, Black Faceplate</td>
</tr>
<tr>
<td>TS007-CoT</td>
<td>7” Touch Screen Color Change Kit, Light Almond Faceplate</td>
</tr>
<tr>
<td>TS007-CoW</td>
<td>7” Touch Screen Color Change Kit, White Faceplate</td>
</tr>
<tr>
<td>TS007-LCE</td>
<td>7” Touch Screen Locking Cover, Black</td>
</tr>
<tr>
<td>BBG04-000</td>
<td>4 Gang Box</td>
</tr>
<tr>
<td>WPG04-DRo</td>
<td>4 Gang raised device ring for use with BBG04-000</td>
</tr>
<tr>
<td>PST24-I10</td>
<td>+24Vdc, 1A, 30W 100-277VAC Input DIN Rail Power Supply. UL, cUL &amp; CE. Terminals on input and output</td>
</tr>
</tbody>
</table>

Leviton Manufacturing Co., Inc. Lighting & Energy Solutions
20497 SW Teton Avenue, Tualatin, OR 97062 • Tele: 1-800-736-6682 • FAX: 503-404-5594 • Tech Line (6:00AM-4:00PM P.S.T. Mon-Fri): 1-800-959-6004

Leviton Manufacturing Co., Inc. Global Headquarters
201 N. Service Rd. Melville, NY 11747-3136 • Tech Line: 1-800-824-3005 • Fax: 1-800-832-9538

Leviton Manufacturing of Canada, Ltd.
165 Hymus Boulevard, Pointe Claire, Quebec H9R 1E9 • Telephone: 1-800-469-7890 • FAX: 1-800-563-1853

Leviton S. de R.L. de C.V.
Lago Tana 43, Mexico DF, Mexico CP 11290 • Tel. (+52) 55-5082-1040 • FAX: (+52) 5386-1797 • www.leviton.com.mx

Visit our Website at: www.leviton.com/les
© 2014 Leviton Manufacturing Co., Inc. All rights reserved. Subject to change without notice.