**DESCRIPTION**

The Flex-LT is a self-contained control system that has a vast number of features and a price point that everyone can afford.

The Flex-LT mounts in a wall or sits on a desk and presents the user with an easy-to-use and understand color touch screen. Through the touch screen the user can choose what source is being displayed, change the volume, control the various sources, turn lights on and off, raise or lower the shades or screen and much more.

Using the built in scheduler, the Flex-LT can automatically shut off displays that have been accidentally left on when the room is not in use. It can also alert the support staff if there is an issue in the room such as the lamp life getting too high in order to reduce the down time of the room.

The Flex-LT configuration utility features an easy-to-use method to get the most out of the system. The contractor is presented with an easy to follow drag ‘n drop programming methodology; no need to learn another programming language. Flex-LT eases device control by offering IR libraries or if a library is not available, the Flex-IR learner is a snap to use. Serial libraries are also available or can be entered in either ASCII or Hex.

The Flex-LT makes life easy — Easy-to-Use, Easy-to-Program, Easy-to-Afford.

* Check back box clearance to ensure proper fit. Units require mounting in a plastic back box or oversized metal back box.

**FEATURES**

- 3.5” Diagonal Color LCD Touch Screen
- 2 Serial Ports, 4 on FLEX-LT200
- 2 IR Ports, 4 on FLEX-LT200 (Each Can Control up to 4 Devices)
- IP Port on selected models
- Built In Clock / Calendar with Scheduler
- Multi Command Scripting Conditionality
- “Power over Ethernet capability” on models with an ethernet port

**TARGET MARKETS**

- K-12 Classrooms
- University Lecture Halls
- Boardrooms
- Meeting Rooms
- Conference Rooms

**FSR Inc.**

244 Bergen Boulevard, Woodland Park, NJ 07424
Phone: 973.785.4347 · Fax: 973.785.4207
Web: www.fsrinc.com · E-mail: sales@fsrinc.com

LIT1273E
**Serial Ports (RS-232)**
- **Speed:** 2400-115,200 bps (Ports 1,2,3)  
  2400-57,600 bps (Port 4)
- **Pins:** TX, RX and GND
- **Connector type:** Screw terminal

**IR Ports**
- **Connector type:** Screw terminal

**I/O Ports (FLEX-LT200, -LT300 and T6)**
- **Output:** open collector, current limited to 100mA, (24VDC max)
- **Input:** VIH_MIN = 5VDC, VIH_MAX = 24VDC, VIL_MAX = 0.4VDC
- **Connector type:** Screw terminal

**Ethernet Port (FLEX-LT150, -LT200, -LT300, T6)**
- **Type:** 10/100BASE T/X
  - **Compliance and supported features:**  
    Compliant with IEEE 802.3/802.3u (100BASE-TX)  
    Compliant with ISO 802-3 / IEEE 802.3 (10BASE-T)  
    Supports Auto-negotiation  
    Supports Automatic polarity detection and correction  
    Supports HP Auto MDI/MDI-X (no crossover cables required)  
    Protocols TCP/IP, UDP  
    IP Port persistent connections -up to four (max).  
    No restriction on other types of ethernet connections
- **Connector type:** RJ-45

**Power**
- **Local adapter**
- **Voltage:** 12VDC
- **Current:** 500mA
- **Power supply included**
- **Connector type:** Screw terminal

**DSKB-2G Desktop Console**
Where FLEX-LT desktop mounting is preferred, the DSKB-2G Desktop Console provides 45 deg angle viewing and convenient access to the touch panel.

**Power over Ethernet (PoE), (FLEX-LT150, -LT200, -LT300, T6)**
- **Compliant with IEEE 802.3af (Class I device)**
- **Support local power adapter OR-ing for redundancy (local adapter preference)**
- **Unit can be powered from an 802.3af compliant PoE switch (not provided)**
- **Unit can be powered from an 802.3af compliant PoE PSE adapter (i.e. midspan injector. Not included (optional accessory).**

**FLEX-LT300** – The LT300 is another specialty member of the Flex Family. The LT300 is basically an LT-200 in a box without a touchscreen. The LT300 can be mounted in a rack or Ceiling Box and connected to all of the devices that need to be controlled. The user interface to the LT300 is provided either by a FLEX-LT200, LT150 or the Flex Remote Windows application.

A “must have” companion module for the FLEX-LT, the K-10D relays can be driven from the FLEX-LT low level GPIO output. These handy boards offer a quick, simple method to provide ground closures to devices that require relay control voltage such as screen controls or projector lifts. The K-10D “5-pack” includes the “breakaway” relay modules and hook-and-loop mounting strips.

**MUD-2G**
The MUD-2G Mud Rings are the perfect installation accessories when using all AV interfaces, control devices and input plates. The MUD-2G is a formed extra wide 4” mud ring with square corners for mounting large active electronic devices. See Lit 1588 for more information.
See LIT1359 FLEX Brochure for additional application information.

**ORDERING INFORMATION**

<table>
<thead>
<tr>
<th>Item #</th>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>18083</td>
<td>FLEX-LT100</td>
<td>3.5” Color Touch Control System w/ 2 Ser, 2 IR</td>
</tr>
<tr>
<td>18084</td>
<td>FLEX-LT100-B</td>
<td>3.5” Color Touch Control System w/ 2 Ser, 2 IR (Black)</td>
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<tr>
<td>18085</td>
<td>FLEX-LT150</td>
<td>3.5” Color Touch Control System w/ IP Port Only</td>
</tr>
<tr>
<td>18086</td>
<td>FLEX-LT150-B</td>
<td>3.5” Color Touch Control System w/ IP Port Only (Black)</td>
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<td>18087</td>
<td>FLEX-LT200</td>
<td>3.5” Color Touch Control System w/ IP, 4 Ser, 4 IR, 4 I/O, 1 Analog In</td>
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<tr>
<td>18088</td>
<td>FLEX-LT200-B</td>
<td>3.5” Color Touch Control System w/ IP, 4 Ser, 4 IR, 4 I/O, 1 Analog In (Black)</td>
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<tr>
<td>17237</td>
<td>FLEX-LT300</td>
<td>Control System “Brain” w/ IP, 4 Ser, 4 IR, 4 I/O and 1 An In - Module</td>
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<tr>
<td>17095</td>
<td>FLEX-PRGM</td>
<td>Programming Kit for FLEX w/ IR Learner</td>
</tr>
<tr>
<td>17181</td>
<td>IR-EC3-6</td>
<td>IR Emitter w/ 6’ Cable</td>
</tr>
<tr>
<td>17332</td>
<td>T6-FLEX-BLK</td>
<td>6” Table Box Round with FLEX LT-200 available in multiple finishes &amp; configurations. (see LIT1434)</td>
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<tr>
<td>17296</td>
<td>K-10D</td>
<td>Relay Module 5-pack</td>
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(-B) = Black

<table>
<thead>
<tr>
<th>Model</th>
<th>Serial Port</th>
<th>IR Port</th>
<th>I/O Port</th>
<th>Analog Input</th>
<th>Ethernet Port</th>
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<td>FLEX-LT150</td>
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### SELECTING YOUR FLEX

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<thead>
<tr>
<th>Model #</th>
<th>Screen</th>
<th>Serial Ports</th>
<th>IR Ports</th>
<th>GPIO Ports</th>
<th>Network</th>
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<tr>
<td></td>
<td>Touchscreen</td>
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<td>FLEX-LT150</td>
<td>3.5” Color</td>
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<td>N/A</td>
<td>N/A</td>
<td>10/100 w/PoH</td>
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<tr>
<td></td>
<td>Touchscreen</td>
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<td>FLEX-LT200</td>
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<td>4</td>
<td>4</td>
<td>10/100 w/PoH</td>
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<tr>
<td></td>
<td>Touchscreen</td>
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</tr>
<tr>
<td>FLEX-LT300</td>
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<td>4</td>
<td>4</td>
<td>10/100 w/PoH</td>
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<tr>
<td>T6-FLEX</td>
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<td>4</td>
<td>4</td>
<td>10/100 w/PoH</td>
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<tr>
<td>Table Box</td>
<td>Touchscreen</td>
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### FLEX MOBILE APP

For iPad®, iPhone®, Android® and Windows® phones and tablets.

Available from the app store.

### ACCESSORIES

- 8 Ohm and 70 volt Amplifiers
- Serial Controlled Relay and Volume Modules
- Adds relay control capability to FLEX systems for automated window treatments, lighting, etc.
- Desktop Mounting Brackets
- Locking Wall Plate Covers
- Mud Rings in 1/2” & 5/8” Depths

**ALL NEW!**

Check out our Flex App available at the App Store

### FLEX CONTROL BUILDER

- Projects can be saved and retrieved to any location
- Drag ‘n Drop compatibility with Windows® Explorer
- Custom and Resizable buttons and graphics
- Built-in Diagnostics
- Project History
- Single click Firmware and Software updates
- Full size Clock Displays and Timers on Splash Screens, smaller on other screens
- Update Firmware and load projects to multiple panels or all panels as a batch request
- Up to 16 Bar Graphs with simplified setup

**FSR Inc.**

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Specifications are subject to change without notice.