The LightLEEDer Controller consists of a microprocessor, memory, real time clock, power supplies and communication interfaces for the lighting control panel.

**Panel Data IN** provides data communication to this panel from another panel.  
**Panel Data OUT** provides data communications to the next panel and power for LightSync devices.  
**Local Data** provides data communications and power for LightSync devices.  
**Address Switches** are used to set a unique node address for the panel.  
**TCP/IP Option** allows for programming and interfacing the panel using TCP/IP protocol.  
**USB Interface** allows for programming and interfacing using a USB port on a PC.  
**Advanced Network Connection** interfaces Advanced Network controller with the lighting controller network.  
**Add-On Connections** gives the capability for various serial communication interfaces.  
**Keyboard connection** is for communicating to the panels LCD keyboard.  
**Relay Sweep Buttons** gives the ability to sweep all relays in the panel ON or OFF.