

SUNN



TECH SPECS

SUNN is a Product Line of F.M.I.C. 1130 Columbia St., Brea, CA 92621

PLC 816 PROGRAMMABLE LIGHTING CONTROLLER



SUNN brings the latest advances in synthesizer, drum machine and computer technology to SUNN SPOTS Stage Lighting systems with the new PLC 816 Programmable Lighting Controller. It gives traveling musicians the power to recreate lighting effects consistently from job to job. Night clubs, discos, restaurants and lighting designers will also find the PLC 816 a most versatile tool.

The PLC 816 will store 99 lighting scenes or cues in its memory. One convention borrowed from drum machines is the ability to arrange these 99 scenes into "songs" which are user programmable sequences of lighting scenes. The PLC 816's dynamic memory allows users to create and store as many as 100 "songs" of various lengths. In addition to "song" mode, the scenes can be arranged in numeric order and stepped through—(footswitch included)—by "cues" in a 1-99 progression.

The PLC 816 also utilizes the innovative and affordable SUNNPLEX™ multiplexing system for the controller/dimmer interface. This allows the use of a standard 3-conductor mic cable for all connections.

The elaborate MIDI implementation gives users the power to store a complete lighting show on a track of a multi-track computer sequencer. By playing back the music and performing the lighting changes, the PLC 816's MIDI output will send all parameter and program changes to the computer.

FEATURES

- 8 Sliders to address 16 lighting channels
- A switch will toggle between channels 1-8 and 9-16
- Programmable fade rate between scenes
- MIDI IN, OUT and THRU to send and receive program change and slider data
- 2 LED displays for NEXT scene and CURRENT scene
- GO button to change between scenes
- External footswitch can be used to change scenes
- 3-direction programmable Chase—forward/split/reverse
- Programmable Audio Sync
- 2 user programmable pre-sets on the front panel
- Grand Master for overall intensity of all channels
- Increment and Decrement buttons to select NEXT scene
- Flash Button for all channels

PART NUMBER: 9909900-420

DE-PLEX 216

The SUNN DE-PLEX 216 is a rack mount device that will allow any of the SUNN Lighting Controllers (SC 24F, SC 28F, SC 216 and PLC 816) to interface with other manufacturers' dimmer packs.

The DE-PLEX 216 is capable of "translating" the SUNNPLEX multiplexing system to the 0 to 10 volts dc used by other companies. Current owners of lighting system can now take advantage of the outstanding features and performance of the SUNN Lighting Controllers while continuing to use their present dimmers.

The SUNN DE-PLEX 216 will address 16 discrete lighting channels with a switch on the unit to toggle between channels 1-16 or 17-32. The rear panel has a "barrier" strip with 18 screw terminals. With the variation in the type of connectors used by lighting equipment manufacturers, the DE-PLEX 216 is easily adaptable to any other device.

PART NUMBER: 9909900-440

PLC GRAPHIC SOFTWARE

This unique software package is designed to work with SUNN's new PLC 816 Programmable Lighting Controller, a Commodore computer, and one of the many MIDI hardware interfaces for Commodore.

PLC Graphic Software will provide a bar graph display of any lighting scene stored in the PLC 816. The user will define his color scheme on the computer and the graphics will show the "intensity" of each lighting channel.

The Software will also allow the user to program the PLC 816 from the computer keyboard. This feature makes it possible to edit existing scenes from the computer. A lighting designer, technician or entertainer will now have the capability of editing and modifying a lighting scene without having the complete system running; only the computer, a color monitor and the PLC 816 would be needed to create or edit a complete light show.

It will be possible to store the entire memory of the PLC 816 on disk by using the PLC Graphic Software. Once the data has been "dumped" from the PLC 816, a completely new group of lighting scenes and "songs" can be stored. This feature is ideal for theater situations where several lighting designers must use the same equipment.

PART NUMBER: 9909900-430