



Control Freak™

Intelligent Device Control Console

Features

Four Screens to make possible:

- Simultaneous control of Seven types of Devices
- Control up to Forty individual units
- Define 20 attributes per each device
- Set up to 100 Positions of up to 20 steps each
- Write 100 Actions composed of the positions
- Name each Device
- Link to Cues Directly
- 8 or 16 bit Width
- Invert any set of devices
- Tie any set of devices
- Independent Home
- Timed sequencing of positions
- Direct Manual Control of all Attributes
- Does not use up Cues



Description

The Control Freak™, in concert with the Bijou™ Control board makes possible precise control of multiple Intelligent lighting (IL) devices. Such devices will include color changers and moving light fixtures with multiple attributes. Designed to provide easy, direct and positive access to all the functions of any IL device, the Control Freak™, extends and complements the configuration of the Bijou™ lighting controls system.

The direct access of the Control Freak™ to the Bijou™ allows operation of specific devices by the submasters and the momentary buttons of the Submasters. Individual devices or groups of devices with their pre-programmed actions can be inserted into any cue in the Bijou™ to allow perfectly coordinated playback. The Actions programmed by the Control Freak™ operate in parallel with the cues, submasters and effects of the Bijou™ so that these do not take any of the capacity of the Bijou™ cues.

The Track-ball style X/Y and multiple assignable attribute wheels give the operator a well – connected feel for the IL devices under control. This access gives great speed to position programming. The four screen set-up; Type of Fixture, Device/ patch, Position, and Action, cleanly separate the various types and functions of all the devices.

Ordering Information:

- Control Freak™ Intelligent Light Device Controller

JOB NUMBER:

APPROVAL STAMP

JOB NAME:

CUSTOMER:

P. O. #

Electronics Diversified Inc.

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PRODUCT DATA SHEET

P429

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I. Description:

- A. The Control Freak™ control console shall be a high speed microprocessor-based lighting control system designed specifically for the manipulation of Intelligent Lighting devices. The system shall employ USITT standard DMX512 protocol.
- B. All principal control electronics shall be of plug-in design, with locking connectors as required, housed within a low-profile, impact resistant console of the same proportions and style as the Bijou™ console. All control outputs shall be based on locking-style connectors, insuring positive connection.
- Console Dimensions:
15½"L x 15½"W x 4½"H (at rear)
Console Weight: 7.5#
Environmental Operating Range:
20 - 40 degrees Centigrade.
- C. The button controls in the console shall be logically grouped into a keypad for function selection. All rotary and ball controls shall be grouped such that the access to one shall not interfere with another. All controls shall be clearly presented for easy selection in a low-light setting.
- D. The operating program shall be stored in a programmable read-only memory.
- E. The system shall include a command keypad to address each of the screens.
- F. An action keypad shall include:
1. Type setup
 2. Device setup
 3. Position setup
 4. Action setup
 5. Home
 6. Run
 7. Step
 8. Shift Rt.

II. Standard Features:

The console shall be provided with the following as standard features for consistent operation:

- A. Output access through the Bijou™ to a high-resolution Super VGA graphic quality detached color display for access to the addresses of system parameter screens.
1. Type (of fixture) set-up
 2. Device set-up.
 3. Position parameters.
 4. Action sequences
- B. There shall be four (4) high-inertia proportional rotary encoder wheels which will address or take control of individual attributes.
- C. There shall be a high inertia proportional ball type encoder which shall address or take control of individual attributes.

III. Operating Functions:

The control console shall provide the functions outlined for minimal operation:

- A. There shall be a fixture set-up screen to display:
1. Fixture number
 2. Name of fixture
 3. Bandwidth (8/16 bit resolution)
 4. Inverted sets of fixtures
 5. Assign Source.
 6. Source listing
- B. There shall be a Device setup screen to display:
1. Device identity via:
 - a. number
 - b. name
 2. Dimmer assignment
 3. Type

- C. There shall be a Position setup screen to display:
1. Device Identity
 2. Master assignment
 3. Attribute ID
 4. Attribute (input) source.
 5. Attribute value.
- D. There shall be a Action setup screen to display:
1. Position ID
 2. Time
 3. Delay
 4. Action Run information
- E. Individual positions shall be discretely assignable to individual submasters.
- F. The intelligent devices shall operate in parallel with cues, submasters and effects.
- G. Recorded information shall be played back on the principal faders in either a manual or timed mode by selecting the GO command.
- H. There shall be the capacity to initiate a series of Actions and Commands through a macro command. Macros shall be initiated by cue, or direct key input.
- I. Macros shall be initiated by inputting the Macro number through keystroke action.
- J. Manufacturer:
The console shall be the Control Freak™, as manufactured by:

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