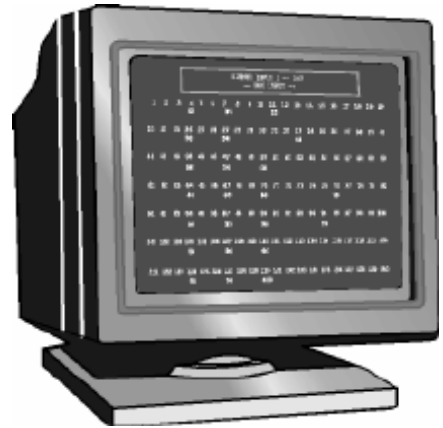


Features

- Real Time Operation
- Displays System Dimmers
- Measures Dimmer Loads
- Indicates Line Voltage
- Monitors Phase Power
- Identifies Systems Faults
- VGA Color Coded Display
- Operates over "Standard" DMX controls



Description

The Dynamic Information System (DIS) is a real-time system monitor with the capacity to update and alert the operator to the status of the Mark VII or MX System. Information about the system is communicated over the second DMX pair and presented on a VGA monitor. The color-coded display enhances the presentation by highlighting actions through color and directing operator attention to specific areas of the screen.

Level and Load Information

The layout for the Dynamic Information System is based on a traditional dimmer field, with DMX level, load wattage, and any faults displayed. As DMX levels change, the monitor will display updates in both the level and wattage consumed on every active dimmer in the system. Dimmers without loads and dimmers without power are identified automatically.

Highlight a Problem When It Happens

The Dynamic Information System is designed to identify system problems in real-time. Upon 'fault' detection, the fault display window will indicate the fault and suggest a remedy. The system identifies the 'fault' condition in red.

Actual Load Calculations

Dynamic Information System also calculates electrical power consumption. The display updates the total amps per phase and shows the consumption on a per phase basis, adjacent to the line voltage information. The calculations for the actual consumption is updated continuously.

A Real Power Monitor

The Dynamic Information System monitors system power as well. The display highlights the line voltage present on each phase of power in the system. A normal power range is displayed in green.

A power variation outside the normal range is displayed in amber, with severe under- or over-voltages displayed in red.

Ordering Information

- Dynamic Information System
- VGA Color Monitor
- DIS Custom

Power

- 120 VAC
- 220 VAC

Options

- 1-1024 Dimmers

Fault Conditions

D.I.S. identifies the following:

OVERTEMP	Too much heat generated at load.
STUCK ON	Solid state output controller failed ON.
HALF WAVE	One side of output controller failed.
SHUT DOWN	System detected an error/short circuit.
*FOCUS MODE	Focus switch has been selected at load.

*NT 95 only

Load Conditions

D.I.S. identifies the following:

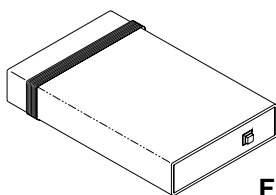
ACTIVE LOAD	Connected load.
CB TRIP	The power circuit breaker is OFF.
NO LOAD	No load is connected to the output.

Power Conditions

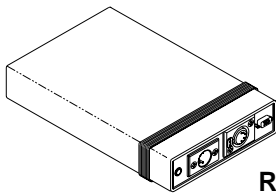
D.I.S. identifies the following:

LINE VOLTAGE	Connected line voltage per phase.
AMPERAGE	Calculated per phase.

D. I. S. Receiver



FRONT VIEW



REAR VIEW

Physical Characteristics

6.25" W x 9.87" D x 1.62" H (15.8cm x 25.0cm x 4.1cm)
 Reinforced, insulated Plastic Case
 .080 Aluminum End Panels
 Silk screened Graphics and Legends

Electrical Characteristics

External Power Transformer: 120VAC to 9VDC at 300 ma

Mechanical

VGA Monitor Connector
 Push Button Page Selector
 XLR 5-pin Input Connector

Display

Standard VGA Color Monitor
 VGA Monitor Cable, 36" (91.4cm)
 120VAC Powered Independently