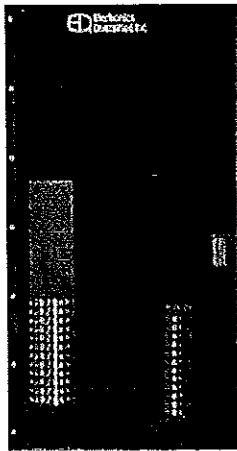

Lighting Relay Panel



USER'S MANUAL

Introduction

This Manual is supplied with your Lighting Relay Panel 6/12 System. Copies of this manual may be obtained through EDI's website for no charge. If a hard copy is needed, it can be obtained from the factory for a nominal charge.

No part of this Manual may be reproduced by any means, graphic, electronic, or mechanical, including photocopying, recording, taping, or information storage and retrieval systems, without the express written permission of Electronics Diversified, Inc., except in connection with installation, repair and maintenance of installed Lighting Relay Panel Systems.

Description

The Lighting Relay 6/12 is a simple relay system intended for industrial lighting applications. Options such as rack or wall mount, LED indicators, and manual override controls may be featured on custom units. The unit comes with 6 or 12 20-Amp relays per box.

The Lighting Relay 6/12 comes standard with Panic functions, but may also include optional Assignable Panic and/or Remote Panic functions.

Two expansion slots allow the user to add DMX-512, Worklight card, Set and Forget, and other optional controller cards.

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(A) Lighting Relay Breakers



Precautions

Make sure to read the manual thoroughly before using the Lighting Relay Panel.

Power Up

1. Turn on main power to the Lighting Relay Panel 6/12.
2. Turn on breakers on the Lighting Relay Panel (Figure A). *Make sure all control sources are at their lowest level or off.*

Control Sources

The Lighting Relay Panel is designed to handle a multitude of sources. The Lighting Relay Panel may accept two interface cards. Available controller interface cards include USITT DMX-512 Interfacing, Set-and Forget control, or Worklight control. Consult an authorized dealer or representative for the control sources that can be used with the 20 Amp Relay.

Panic

The Lighting Relay Panel is equipped with Panic functions. Panic functions can be used for several purposes: normal use, custodial use, or for emergency situations.

The Panic functions include Panic ON and Panic OFF. The Panic ON switch brings all lights "on" and the Panic OFF switch turns all lights "off." When activated, the panic function will override other controls.

The 20 Amp Relay has numerous ways in which the Panic functions can be activated. Provided is a general scenario.

EXAMPLE:

Activating Panic ON from a key switch

To activate, turn key to the right.

This will activate all circuits to the "on" state in the relay panel. Control from other sources will not affect the Relay Cabinet.

To deactivate, turn key to the left.

All circuits will remain activated until a change is made from the control source. To regain the previous settings, bring the master from the control source down below 50 % and bring up above 55 %.

SPECIAL CASES: The 20 Amp Relay may be fitted to talk to a special panic override wallbox in which circuits can be turned on during a Panic OFF mode or turned off during a Panic ON mode. Consult the factory for more details.

NOTE : Panic functions also may be accessed through other controllers (Ex. relay controller, RDI , etc.). Please consult the factory for more information.

Assignable Panic (Optional)

Your unit may also include optional Assignable Panic ON and Assignable Panic OFF functions. These options bring assigned lights to an "on" or "off" state, respectively. Sources will be overridden on circuits that are assigned to an activated Assignable Panic (exception is made when installed with a panic override wallbox; read *SPECIAL CASE* in page 2)

Consult a technician to determine your installation type and for directions on how to use the optional Assignable Panic functions.

LED Indicators (Optional)

Your unit may also include optional LED indicators. The LED indicators can be used to verify that the circuits of the Lighting Relay Panel are functioning properly. When the LED buttons are activated, the LED that is within the push button, comes "on" and is brightly lit. LED's may also be remotely activated (optional). If remotely activated, the LED comes "on" and is dimly lit.

Troubleshooting

Symptom	Causes	Remedy
System dead, no lights come on, regardless of controller settings.	Unit is not powered.	Find main circuit breakers to Lighting Relay
	Dimmer Breakers are off.	Turn on circuit breakers
	Control board malfunctioning	Call service technician
Some lights come on, but one or more will not.	Wiring is not connected securely or is improperly wired.	Call service technician.
	Analog source is not wired properly to the dimmer.	Check to see if control source is on or improperly working.
	Control board malfunctioning or blown relay.	Call service technician
Lights are on but cannot be controlled by the source	Panic is on and overriding the control source.	Turn off Panic.

Service

EDI offers a 24 hour Service/Support Network.

For technical questions about this product or operational assistance, ask for Customer Service at:

Telephone:.....1-800-547-2690

FAX:.....1-503-629-9877

Internet.....www.edionline.com

Internet E-Mail:.....service@edionline.com

If your 20 Amp Lighting Relay needs repair, call: 1-503-645-5533 for a Return Materials Authorization number. A shipping address will be furnished.

This relay cabinet is a product of:



**Electronics
Diversified, Inc.**

1675 N.W. Cornelius Pass Road, Hillsboro, Oregon 97214 USA

Attention Lighting Relay Owners!

Please return this registration card immediately.

Your prompt attention to this matter will ensure your receiving updated technical information for this product as it becomes available. Please complete all information. Look for acknowledgement of your registration within 6-8 weeks.

Name: _____

Title: _____

Activation Date: _____

Facility and/or Company: _____

Street Address: _____

City: _____ State: _____ Zip: _____

Phone: _____

Fax: _____

E-mail: _____

Web site: _____

CUT ALONG DOTTED LINE



Mail To:
EDI User Manual Registration
1675 NW Cornelius Pass Road
Hillsboro, Oregon 97214

or FAX to: (503) 629-9877