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LCS Console Lighting Control Module 2.4Kw Instructions

GENERAL
The Kelmar LCS Console Lighting Control Module is conservatively rated at 2.4 kW. The unit is a compact open Chassis design measuring 12” High, 6-1/4” Wide, and 4” Deep. The LCS Console Lighting Control Module provides 3 Pre-set lighting levels and also includes a full illumination setting that is instantaneous.

LOCATION/INSTALLATION
Locate the LCS Console Lighting Control Module in a convenient area in the Projection Console with adequate clearance and air flow.

It is suggested that the Auditorium house lights be divided into 2 branches with individual circuit protection to ensure compliance with local codes. Effectively should one branch trip a breaker due to a defective fixture, the auditorium will not go dark. Each branch must have a neutral wire terminated to the LCS/Console Mount Light Dimmer.

Provide a 120 VAC FEED, Neutral, and Ground from the Projection Room A.C. Panel or Console AC Distribution Point. Provide a 5 conductor #20 control cable to the Automation. If a Dimmer Remote is used, refer to instructions furnished with the remote control. Refer to the Following Drawing for all connections and Dimensions of the Module.

PROPER OPERATION DEPENDS ON THE CORRECT WIRING AND TERMINATION.
The LCS Console Lighting Control Module provides 12 VDC control voltage. Control circuits connected are to be dry contact closure. Operation logic requires momentary contact with a minimum 1-second closure.

SET UP ADJUSTMENT
After installation, power up the LCS and verify operation. Adjustments are provided for output level and speed rates. These adjustments should be made at the completion of the installation so that auditoriums are finished and reflective surfaces are in place.

CAUTION: ELECTRICAL SHOCK HAZARD
EXTREME CARE SHOULD BE USED WHEN MAKING THE FOLLOWING ADJUSTMENTS:

The adjustment pots are Located on the P.C. Board.

The rate and Level adjustment pots are as follows:

- R9 DOWN Rate (speed)
- R10 UP Rate (speed)
- R6 HIGH Level
- R7 MID Level
- R8 LOW Level
1. Set R9 and R10 Fully Counter-Clockwise for high rate during adjustment.

2. Set the Levels for LO, MID and UP.

3. Set R9 and R10 for a travel of approximately 15 seconds from full down to full up or whatever rate you prefer.

**OPERATION**

The Automation will control the LCS Console Lighting Control Module for show start, feature, credits, and show end.

For additional information contact:

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284 Broadway
Huntington Station, NY 11746-1403
(631) 421-1230
LEVEL AND RATE ADJUSTMENTS
R6 High Level Set
R7 Mid Level Set
R8 Low Level Set
R9 Down Rate
R10 Up Rate

AUTOMATION INTERFACE
TB-2 #1 Low Command
# 2 Mid Command
# 3 High Command
# 4 Full Bright
# 5 Control Command

AC FEED and OUTPUT
120 VAC Load Line 1
120 VAC Load Neutra
120 VAC Neutral IN
120 VAC Line IN

Replacement Parts
Part# Description
PC7939 Control Board
T4013DK Output Triac
1552 2.4Kw Torroid