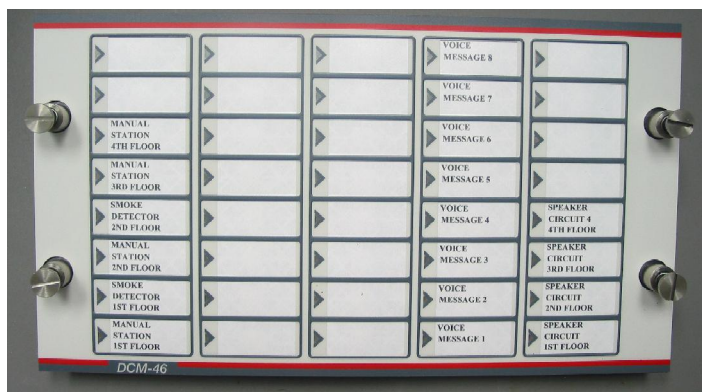


## Features

- ▶ Microprocessor Controlled
- ▶ 40 Red/Green/Blue LEDs
- ▶ 40 Programmable Control Switches
- ▶ Ribbon Cable Connected
- ▶ Up to 6 Ganged Units Occupy One Node Address
- ▶ No Wiring Required
- ▶ Echelon® LonTalk® Communications
- ▶ Low Power Consumption
- ▶ 1/2 Module Footprint



## Description

The DCM-46 Display Control Module is used to display status and control devices in the LSN 2000 Life Safety System. The DCM-46 consists of 40 programmable Red/Green/Blue LED's and 40 membrane switches. Activated devices can be represented by color-coded illuminated positions on the DCM-46. Devices in trouble can be indicated by an amber color-coded display. In addition to individual devices, the display positions can be used to indicate the state of device groups, timers or events. The membrane switches can be used for manual control of outputs such as fans. When controlling an output, the LED can be selected to indicate the true status of the controlled output device, illuminating only once the output activates, or the LED can illuminate immediately upon the button press. User-defined legend inserts can individually identify each LED/switch position.

The programming options for each DCM-46 display LED and switch allow for advanced functionalities. Each switch can control a single device or an entire floor or building's worth of devices, providing group status display and control, including group activation or bypassing, essentially allowing one button operations.

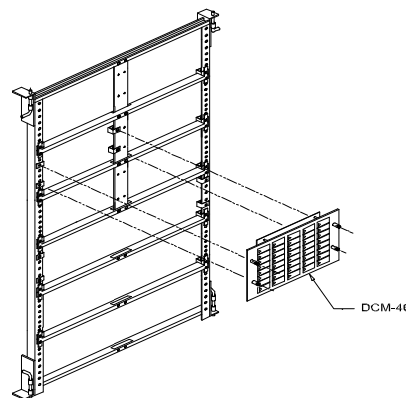
Up to 6 DCM-46's can be linked together via ribbon cables, with all six DCM's being represented as one node address in the LSN 2000 System, increasing command station density and size, without impacting system capacities.

## Application

The DCM-46 Display Control Module displays status of a device, group or event, as well as allowing manual control or disable of devices and groups. DCM-46's can be used to manually override dampers, fans, door releases, activate speaker circuits or allow communication to firefighter telephones. Multiple DCM-46's can be installed within Fire Command Stations as required by the application.

## Installation

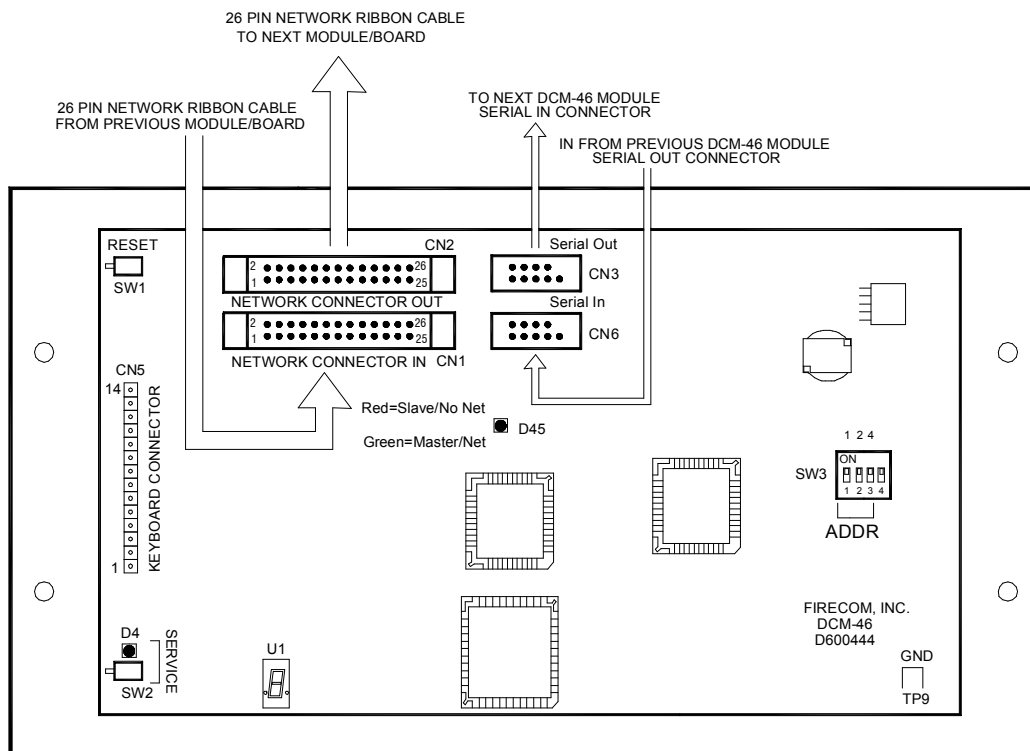
The DCM-46 Display Control Module occupies ½ panel space in the LSN 2000 Fire Command Station. It mounts to the Horizontal Straps and Vertical Straps of the fire command station enclosure.



# Engineering Specifications

The DCM-46 Display Control Module shall contain 40 Red/Green/Blue LEDs with 40 associated membrane switches. Each LED/switch shall be individually programmable to indicate the status of a device or group or manually control or disable a device or a group. Each LED/switch position shall be assigned its own unique system address or event such as a time function, group control or disable, or a programmable sequence. When controlling a device, the LED can represent the manual control or true status of the device, color-coded to illuminate Red or Green. Typically, Red shall be used to indicate devices in alarm, and Green shall be used to indicate active monitor devices.

# Wiring Connection



# Electrical Specifications

Operating Voltage	24VDC
Operating Current - Stand-by	62mA
Operating Current - Alarm	80mA
Operating Temperature	0°C to 49°C
Operating Relative Humidity Range	0% to 93% @ 32° C

# Ordering Information

Model No.	Part No.	Description
DCM-46	73170	Display Control Module

It is our intention to keep the product information up to date and accurate. We cannot cover all specific applications or anticipate all requirements. All specifications are subject to change without notice. For more information contact: FIRECOM, INC.