



® *Light Engineered Displays, Inc.*

Graphic Annunciators * Water Leak Detection
Fireman's Smoke Control Panels * ARA Systems

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**LCD-240 with
GRAPHIC MAP**

**LCD
SERIES**

Technical Specifications

- Standby Voltage = 12 to 24VDC
- A wall-mount transformer is provided. Loss of power or data will result in a Trouble Condition at the FACP
- Baud Rate = 9600
- Bits = 8
- Stop = 1
- Parity = 0
- Selectable for RS-232 or RS-485 data
- Temperature: 32° to 100°F
- Humidity: Non-condensing
- Current: 125 ma.

General Description

The LCD-240 was designed for use on a fire alarm system printer port. The unit displays the same information the would be printed on a printer. When embedded in a Graphic Map, the LCD-240/G provides complete annunciation without using LEDs or lamps.

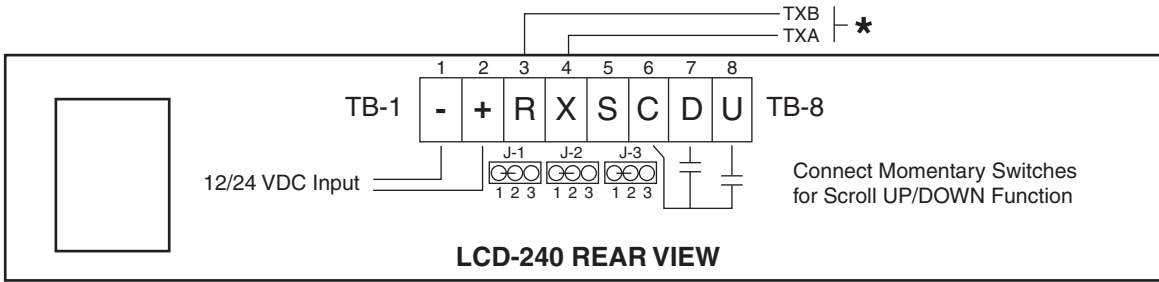
Each alarm initiating device will be shown on the graphic map, along with its corresponding address. When an alarm occurs, the unit will display the alarm addresses, and a descriptive message. The address shown on the LCD display is then correlated to the device location on the map.



Model LCD-240/1G



LCD-240 with GRAPHIC MAP



1. For RS-232 operation, Jumper pins 1 & 2 on J1, J2 and J3 (shown for RS-232).
2. For RS-485 operation, Jumper pins 2 & 3 on J1, J2 and J3.
 - * RS-485 Input: Connect TXA to TB-1, Terminal 4.
Connect TXB to TB-1, Terminal 3.
3. For RS-485 operation, the CCM must be connected to a data converter. The converter OUTPUT is connected to the individual LCD-240 unit(s). Consult LED for assistance.

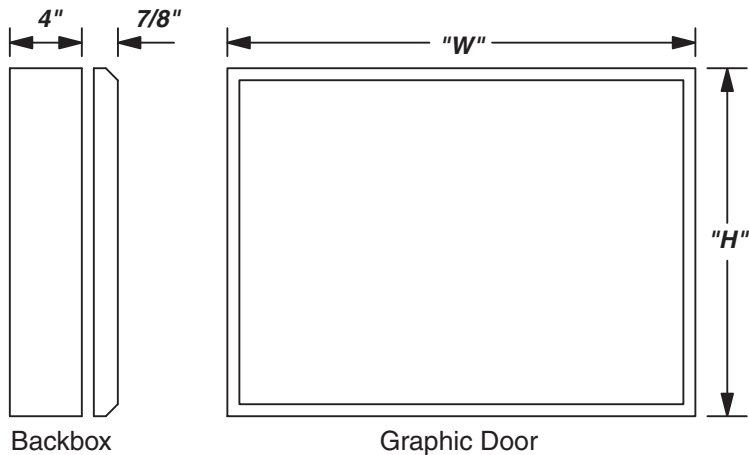
CCM	Inter-Connections	LCD-240
TX 1.	_____	R (3)
- SG 2.	_____	S (5)
RTS 3.		
+ CTS 4.	_____ 8 to 12 volts _____	X (4)
NC 5.		
RX 6.		
	Power Input	⊕ 2 ⊖ 1 12 vdc

Ordering Information

A drawing is required showing the actual graphic representation needed for your project. The exact location of the indicator points should be shown and identified by a legend. Mark the Annunciator location on the plans so that the artwork can be oriented properly with a "You Are Here" designation.

Graphic sizes are shown below, according to model number. The maximum area available for artwork is the outside dimension, less two inches. We will work from your blueprint, copy, fax, sketch, email or CAD file. Please note: a full size, inked mylar, from your CAD drawing, will speed production.

Please complete the annunciator Order Form and send with drawing. If Order Form is not available, indicate how annunciator will be activated and list any specifications required.



MODEL	WIDTH x HEIGHT
LCD-240/1G	23 7/8" x 14"
LCD-240/2G	23 7/8" x 24 1/2"

NOTE: Units May Be Mounted Vertical or Horizontal

For Semi-flush mounting, add 3" to overall "W" and "H" dimensions.

Consult the factory regarding custom sizes, products, options or special requirements.