



# LDX9000X

## FEATURES

- + Bright, high contrast vacuum fluorescent display
- + Large 9.5mm character height
- + Each side displays the same or different messages
- + Optional height, horizontal offset, rotation, and tilt
- + User definable graphic character and symbols
- + Smart scrolling
- + Real-time clock display
- + Intelligent pass-thru shares PC I/O ports with other peripheral devices
- + High communication rate at 19.2Kbps for fast data through-put
- + Interface options: USB, OPOS, serial, parallel, and pass-thru
- + Ergonomic design

## Single/Double Side Pole Display

The LDX9000X unit is a 2 by 20 line pole display with a 9.5mm character height. Its functionalities are not offered by many of its competitors, such as: automatic message scrolling, "smart scrolling", embedded clock, and other functions from its firmware. The LDX9000X also has a variety of command sets, thanks to its different interfaces. Additionally, this device has a high visibility due to its optical lenses.



# LDX9000X specifications

## Optical (Fluorescent Display)

Digits per row: 20  
Number of rows: 2  
Digit configuration: 5 x 7 Dot Matrix  
Digit height: 0.37in (0.95cm)  
Digit width: 0.24in (0.62cm)  
Digit pitch: 0.30in (0.77cm)  
Character configuration: ASCII  
Brightness: 350-700 cd/m<sup>2</sup>  
Display color: Blue-green  
MTBF: 300,000 hours

## ELECTRICAL

Input power (to adapter): 120VAC, 60Hz. Optional 220VAC, 60Hz  
Output power (from adapter): +5 VDC/2A  
Connector: 2 conductor female jack  
Interface connector: 10-pin mini-DIN (female)  
**Interface cable**  
Pole side connector: 10-pin mini-DIN (male)  
Computer side connector: Computer side connector:  
USB: Type A  
Serial: DB9 (female)  
Pass-through: DB925 (male)  
Power connector: 2 conductor male jack

## ENVIRONMENTAL

Operating temperature: 32°F to 122°F (0°C to 50°C)  
Operating humidity: 85% max. non-condensing  
Storage temperature: -4°F to 158°F (-20°C to 70°C)  
Storage humidity: 90% max. non-condensing  
Vibration: (10 to 55 Hz.): 4 G's  
Shock: 40G's

## INTERFACE

USB: 2.0 standard  
Serial: RS232  
Protocol: (\* default preset at factory)  
Baud Rate: 2400, 4800, 9600, \*19200  
Parity: None  
Data Bit: 8  
Stop Bits: 1

## MECHANICAL

Weight: 2.7 lbs (1.2 kg)  
Dimensions (WxHxD): 8.5in x 3.3in x 1.7in (21.5cm x 8.3cm x 4.3cm)  
Base plate (WxHxD): 4.0in x 0.1in x 8.0in (10.1cm x 0.25cm x 20.3cm)  
Overall height: 23.2in (58.93cm)

## INFORMATION TO ORDER PRODUCT:

LDX9000: Serial  
LDX9000-PT: Serial pass-through  
LDX9000X: Serial double sided display  
LDX9000U: USB double sided display (with ext. power adapter)