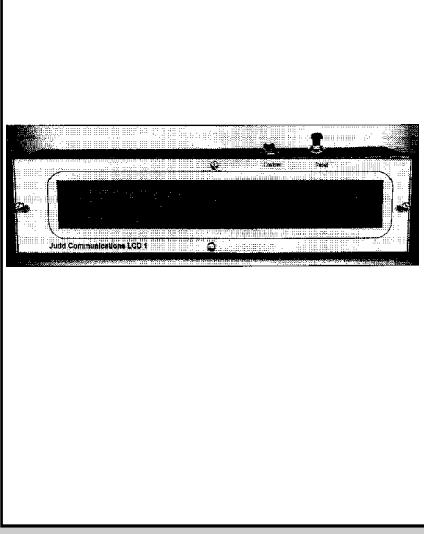


## Principle of Operation

The LCD1 Display is a 2 line by 40 character display that can be connected to any datalogger capable of outputting ASCII text. It is simply a terminal that monitors a 1200 baud data line and displays the output. The LCD1 is primarily intended to be used as a local display, located within 250 feet of a datalogger.

The display can be powered by either +5 Volts or +12 Volts. Power can usually be taken directly from the same supply as the dataloggers. Data to be displayed is received at 1200 baud. The display can be configured to decode either normal or inverted serial data. The data input levels can be either RS-232 or 0-5 Volt. All ASCII characters can be displayed. The 01 ASCII character (control A) can be used to clear the display. Up to 80 characters can be displayed. Controls are provided for contrast adjustment and display reset.

**ACCESSORY**



**Datalogger Display**

**(LCD1)**

- Simple Operation
- Rugged
- 2 Line x 40 Character

This accessory is compatible with the following Dataloggers:

**Campbell CR10(X), CR500  
DACOM Storm Sentry  
DACOM Weather Sentry  
Handar 555**

## *Ordering Information:*

<b>Datalogger</b>	<b>Model # to order</b>
CR10(X), CR500	LCD1
SS4, SS12	LCD1
WS8, WS12	LCD1
555	LCD1

Standard cable length is 6 ft with bare lead termination. Other cable lengths of 10, 25, 50, 75, and 100 ft are available. Custom cable lengths are also available for a fee.

Other termination options are military connectors and mini-circular plastic.

Cable can also be ordered with optional metal conduit shielding.

### **Other Options:**

Back Lighting

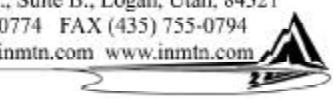
Extra case mounted switches for datalogger digital input control

Display mounted inside enclosure with see through window.

Display mounted in door of standard enclosure for external access.



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## **Technical Specifications**

### **General**

Power:	+5 Volts or +12 Volts
Data Input:	1200 Baud, RS-232 or 0...5VDC
Operating Temperature:	0...+50°C
Dimensions:	8" x 1.75" x 1.75"
Cable Length:	6 ft Standard <i>(Other Cable Length: 25, 50, 75, 100; Additional Setup fee for nonstandard lengths; max 250')</i>
Weight:	.5 lbs.
Shipping Weight:	.8 lbs.

### **Optional Accessories**

#### Backlight

Mounted inside enclosure with see through window

Mounted in door of standard enclosure for external access

