P/N 905188
CAN-NET
LCD Node Kit

Overview

CAN-NET LCD Node Kit (PN 905188) allows 2 x 16 alphanumeric display of network data. The kit includes:

- 1 CAN-NET Node Board (PN 905186). Comes complete with a pre-programmed Microchip microcontroller (PIC 16F876) allowing for easy interconnection of multiple boards into a single network.
- 1 CAN-NET Wiring Harness.
- 1 CAN-NET LCD Display Board with 2 x 16 LCD display and 1 Switch.

The CAN–NET LCD Node Kit can connect to the Diversified Engineering CAN-NET Education Board to act as a monitor or controller for the CAN network. Several CAN-NET Node and Option Boards are available to meet your needs.

Operation

The currently selected ID is displayed along with the most recent message received. The message is assumed to be a two-byte integer with the least significant byte sent first. It is displayed as a decimal number. If no message is received with the selected ID within 1.4 seconds, the previously displayed value is replaced by blanks.

Using DIP S4 #1, DIP S4 #2 and the SELECT switch selects the ID to be displayed. The first entry selects the "n" for the ID 0xnm0 and the second selects the "m."

The "n" for the Base ID for receiving is derived from the DIP S4 #1 and DIP S4 #2 as follows (1 = ON):

#1	**#2**	**ID**
0	0	0x0m0
0	1	0x1m0
1	0	0x2m0
1	1	0x3m0

The "m" for the Base Receive ID is done by pushing the SELECT button located under the LCD module. Pressing the SELECT button will cycle 0 to 3.

Any questions about the CAN ID are answered in section IV of the CAN Network Development/Training Modules Instruction Manual.