SparkFun Serial Enabled 16x2 LCD - Black on Green 3.3V

DESCRIPTION

The serial enabled LCD allows you to control a parallel based LCD over a single-wire serial interface. Included in this product is a black on green 16x2 LCD, backpack, header, and PIC microcontroller. The backpack, based around a PIC16LF88, takes a TTL serial input and puts the characters it receives onto the LCD. The installed firmware allows for a number of special commands so you can clear the screen, adjust the backlight brightness, turn the display on/off and more.

Connections with 3.3V LCD require 3.3V TTL, serial of a default Baud rate of 9600bps (8-N-1). You can adjust the baud to any standard rate between 2400 and 9600bps. The power, ground and VCC pins are all broken out to a 0.1 in pitch (some labeled).

$6.30 is the current price to get the display (without power, power supply is not included). With the backpack, you have the ability to add the backlight to consumer power if needed. There is also a potentiometer on the backpack to adjust the contrast.

Note: Though the silkscreen may say “5V”, this is a 3.3V Serial LCD. Connect to a 3.3V power source.

Customer Reviews

4 out of 5

Based on 2 ratings:

5 star: 0
4 star: 0
3 star: 0
2 star: 1
1 star: 1

Customer Reviews

Customers are all over the world.

Wows well, easy to use but bulky about 3 years ago by

No complaints regarding the functionality, was easier to get it done in 2 minutes. A experience (but solved my problems, so I can’t complain) and (2) the daughterboard with the serial, allowed behind the display, is useful bulky, which was susceptible to storms, interaction sensitive. The pictures in Sparkfun don’t reveal this issue. If the photo from behind was taken at an angle and not straight down you’d see the daughterboard and some terminals are bulky. In my situation, it is hard to use.

Easy start to using a display about 3 years ago by

If you have easy to get up and running with the Sparkfun enabled display. I have had difficulty getting some of the information in text, such as changing the screen and the back light, but for quick and dirty prototyping, this is a definite plus. But overall, this is a very impressive backpack and the some terminals are bulky. In my situation, it is not an issue.