3.3V 20x4 Character LCD Quick Start Guide

Quick Start Guide

1. Turn off the Raspberry Pi and disconnect power.
2. Connect LCD to Raspberry Pi with supplied wires. See pinout for details.
3. Connect power to the raspberry Pi.
4. Install the software on the Raspberry Pi, see details below.
5. Inside a command prompt type *lcd.sh -help* followed by <Enter> to see a list of commands.
6. Run *lcd.sh -board_info* to see the board information.
7. Try writing to the LCD, *lcd.sh -row_write 1 "a b c"* or *lcd.sh -row_write 1 ""* to clear that row.

Software Install

1. Download the Rasperry Pi software from the product page(http://www.rpigear.com/lcd_20x4/), copy it to any folder on the Raspberry Pi.
2. Unzip the .zip file, for example *sudo unzip lcd_linux_1.1.zip*
3. Go into the unzipped install directory, *cd lcd_linux_1.1/install*
4. Make install.sh executable with *sudo chmod 777 install.sh*
5. Run *sudo ./install.sh -install*
6. Run *lcd.sh -help* to see a full list of commands
7. The .zip file and unzipped folder are not used any more, feel free to delete them.

Pinout

Press and hold the push button at the back of the LCD to cycle through the various communications modes.

Raspberry Pi Connections pinout	
LCD Pin	Pi Pin
GND	6
3.3V	1
I2C_SDA	3
I2C_SCL	5

Raspberry Pi Pinout