Raspberry PI Nokia 5110 (PCD8544) HAT

This hat is very easy to use, It is one of the few things that is plug n play for the Raspberry PI

Most of the examples found are even written in C for WiringPI

Buy at:

[Aliexpress.com](https://www.aliexpress.com/item/Mini-PCD8544-LCD-with-backlight-and-B-for-Raspberry-Pi-B/32843875532.html?ws_ab_test=searchweb0_0,searchweb201602_5_10152_10065_10709_10151_10344_10068_10130_5722815_10324_10342_10547_10325_10343_10546_10340_10341_10548_5722915_10545_10697_5722615_10696_10084_10083_10618_10307_10710_5722715_5711215_10059_308_100031_10103_441_10624_10623_10622_5711315_5722515_10621_10620,searchweb201603_68,ppcSwitch_5&algo_expid=d4e54ce5-a929-469d-a813-23ad2724bb9e-0&algo_pvid=d4e54ce5-a929-469d-a813-23ad2724bb9e&transAbTest=ae803_1&priceBeautifyAB=0)

General Information:

Slightly different version but for the most part it is the same HAT

<https://jpralves.net/post/2016/05/16/rpi-pcd8544-shield-v31.html#.WuATCnUvyCj>

[http://wiki.sunfounder.cc/index.php?title=Raspberry\_Pi\_5110\_Mini\_LCD\_84\*48\_PCD8544\_Usage](http://wiki.sunfounder.cc/index.php?title=Raspberry_Pi_5110_Mini_LCD_84*48_PCD8544_Usage)

<https://www.raspberrypi.org/forums/viewtopic.php?t=180569>

Projects and Software (WiringPI and c++):

<https://github.com/pevandenburie/node-pcd8544-rpi>

<https://github.com/Morlok8k/raspPi_PCD8544_LCD/blob/master/PCD8544/pcd8544_rpi2.c>

<https://github.com/binerry/RaspberryPi>

<https://github.com/paradigmic/cpushow>

<https://github.com/DF4ze/LCD_Menu_PI> (Needs to be modified for this device)

<https://github.com/emilyplusplus/RaspberryPiNokia5110Display> (Progress Bar of sorts)

<https://github.com/shrhdk/RPi-Nokia5110> (Needs lots of modifications)

<https://github.com/sevauni/ping-pong> (may need to be modified)

<https://github.com/duchenpaul/Raspberry-Pi-Utils>

Pretty much follow the information on the sunfounder.cc wiki, the download needs to be renamed to .zip not .tar.gz otherwise everything that is needed is on that site.