Grove - OLED Display 1.12"

SKU 104030011

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Description

Grove - OLED 1.12" is a 16 color grayscale 96×96 dot matrix OLED display module with Grove compatible 4pin I2C interface.Grove - OLED 1.12"is constructed with 96 x 96 dot matrix OLED module ([LY120])and SSD1327 driver IC. The characteristics of this display module are high brightness, self-emission, high contrast ratio, slim / thin outline, wide viewing angle, wide temperature range, and low power consumption.

KEY FEATURES

- Dot Matrix: 96 x 96 Pixels
- Color: Grayscale Display (16 Gray shades)
- Supports both Normal and Inverse Color Display
- Supports Continuous Horizontal Scrolling
- Grove compatible 4pin I2C connector
- Works with both 5V and 3.3V logic MCUs
- Interface: I2C
- Wide range of operating temperature: -40 °C ~ 70 °C

APPLICATION IDEAS

- Graphic display adapter for Seeeduino and Arduino using Grove stem board
- Display adapter for any 5V or 3.3V MCU which supports I2C interface
- Can be used with mbed microcontroller

DOCUMENTS

For all Grove users (especially beginners), we provide you guidance PDF documents. Please download and read through **Preface - Getting Started** and **Introduction to Grove** before your using of the product.

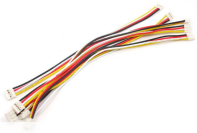
Please visit our **wiki page** for more info about this product.

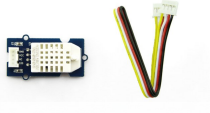
It will be appreciated if you can help us improve the documents, add more demo code or tutorials. For technical support, please post your questions to our **forum**.

Best-sellers


Grove - OLED Display 0.96"


Base Shield V2


Grove - Universal 4 Pin 20c...


Grove - Temperature&Hu...

Technical Details

Dimensions	130mm x 80mm x 9mm

Weight	G.W 13g
Battery	Exclude

Documents

- WIKI
- LY120 Datasheet
- Schematic in Eagle
- Github Repository of the Library
- SSD1327 Datasheet

Reviews

★★★★★ **Easy to use**

Facile à utiliser et précisEasy to use and accuratePerfect for my project: Ambient air analyzer.Whith Seeeduino Lotus. You can find it here, this can give you ideas : https://www.instructables.com/id/Room-Air-Analyzer/Quality Support WikiAttention pour les Français : les prix sont pas ttc donc frais de douane.

Feb 14,2017 by **Franck DE WIT** France

Was this review helpful ? 0

Questions and Answers

Have a question about this? Ask people who own it.

0

I have just ported the supplied Arduino library over to mbed and published it here: http://developer.mbed.org/user... . This display is a little

Dan_Cohen on Oct 19,2016 Reply | upvote (0)

> the bandwidth is _5M. We confess that the bandwidth may be a bit different for all the products, and the lowest bandwidth we ensure is 5M.
>
> luo G.ss on Oct 20,2016 10:42 AM Reply | upvote (0)

0

When trying to download schematics for this module from wiki, I get nothing. The link I am trying to use is: http://www.seeedstudio.com/wik...

Nikolaj Zamotaev on Oct 19,2016 Reply | upvote (0)

> thanks for your suggestion. acutlly, the designer has tried to do this, but for some reason, it is not stable. we will give his your suggestion .
>
> luo G.ss on Oct 20,2016 10:42 AM Reply | upvote (0)

0

With the 1.12" OLED Display it is possible to print Float Numbers using the command SeeedOled.putFloat(), but in this screen the only command available is .putNumber()!How do I print float type numbers in this display?!

Carlos Figueira on Oct 19,2016 Reply | upvote (0)

> http://www.seeedstudio.com/wik...
>
> Deray Wu on Oct 20,2016 10:42 AM Reply | upvote (0)
>
> I'm sorry the libraries of OLED don't have this function, maybe you can modify it. BTW,maybe you can use SeeedGrayOled.putString("19.12");
>
> Jacket Chen on Oct 20,2016 10:48 AM Reply | upvote (0)

I can put floats using this :char tmp[10];dtostrf(Vrms,6,2,tmp);SeeedGrayOled.putString(tmp);

whatnick on Oct 20,2016 10:51 AM Reply | upvote (0)

0

Hi!The method SeeedGrayOled.clearDisplay() do nothing on my code.I write on the screen but when i call clearDisplay nothing happens.I'm using UNO R3.Thanks!

Bruno Medina on Oct 19,2016 Reply | upvote (0)

you can ref the schematic of DSO quad, it is about 1M thanks..

luo G.ss on Oct 20,2016 10:42 AM Reply | upvote (0)

This function should be used before starting a fresh start or after scroll deactivation,such as SeeedGrayOled.init();

Jacket Chen on Oct 20,2016 10:48 AM Reply | upvote (0)

0

Can it show images in 16 shades of gray? Already use this one, see text in shades in sample code, but no such code for images.

Alexey Fedchenko on Oct 19,2016 Reply | upvote (0)

You can set level of gray via this command : SeeedGrayOled.setGrayLevel(i); // the minimum value is 0,the maximum value is 15.

Jacket Chen on Oct 20,2016 10:47 AM Reply | upvote (0)

0

I'm using Seeedino Stalker v2.2 and Grove - Base shield. I connected this OLED into the first I2C slot. It was looking OK just before pulsing my G1/2 Water Flow Sensor with digital pin 2 (interrupt 0). So I changed the pin of G1/2 Water Flow sensor fro

Harry Kim on Oct 19,2016 Reply | upvote (0)

Thanks your feedback, you can go to WISH to provide your idea for this DSO.

Yuri Qiu on Oct 20,2016 10:41 AM Reply | upvote (0)

Hi,i have tested its program,and it's ok.OLED and Water Sensor can be uesd together.Please check your program again ,and you can sent a e-mail to us if you have any question detailedly.

Jacket Chen on Oct 20,2016 10:42 AM Reply | upvote (0)

0

When do you think you will be able to update the library so that these OLEDs would work with Arduino IDE 1.0?I wanted to use my oled with a big sketch I did in v.1.0 so it would be hell to change it to v.0.23.Waiting impatiently for an an

Cristian Iordache on Oct 19,2016 Reply | upvote (0)

1.yes, you will receive the tracking number from our system automatically;2.yes,but only free Registered Air Mail, not EMS;

Ling Zhang on Oct 20,2016 10:41 AM Reply | upvote (0)

Well I changed the libaries to use them in the 1.0.3 version of the IDE.In the file SeeedGrayOLED.h change line 27 to #include "Arduino.h" and in SeeedGrayOLED.cpp change in lines 186, 187, 247 and 248 change the "send"-Method to "write"-Method. Ea

Wolfgang Stelzhammer on Oct 20,2016 10:43 AM Reply | upvote (0)

0

;omething is wrong. I cannot run the examples on

my "Romeo ALL in one controller"I hope to be able to run the module. Thank you!

Jorge Topete on Oct 19,2016

Reply | upvote (0)

Dear customer, the libraries is not support Arduino 1.0 yet.So suggest you use Arduino 0023 to compile those codes.And could be work. :)

Yuri Qiu on Oct 20,2016 10:41 AM

Reply | upvote (0)

0

Next files are corrupted, please reload it on this web site. http://www.seeedstudio.com/dep... https://www.seeedstudio.com/Grove---OLED-Display-1.12"-p-824.html

Pavel Konovalov on Oct 19,2016

Reply | upvote (0)

Look at the forum. To name a few problems: trigger (major), voltage and frequency measurements, slow time scales...

Paf Paf on Oct 20,2016 10:41 AM

Reply | upvote (0)

Please let us know if it still doesn't work for you.

Steve Chang on Oct 20,2016 10:41 AM

Reply | upvote (0)

0

Hi!It's for the 'Grove - OLED 96x96'. I'm not able to download the 'Seeed Gray OLED library' zip file, it's always corrupted. Could you see that it work, please?Thanks.Guy

Guy Gauthier on Oct 19,2016

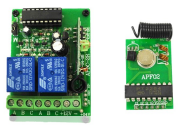
Reply | upvote (0)

Hello, I measured 230V with the switchable x1/x10 probes in x10 mode. I didn't notice anything wrong.

Paf Paf on Oct 20,2016 10:41 AM

Reply | upvote (0)

View History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