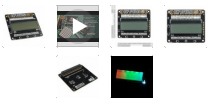
Pimoroni Display-O-Tron HAT

DEV-14040 ROHS



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DESCRIPTION | FEATURES | DOCUMENTS

The Pimoroni Display-O-Tron HAT is a "shield" for the Raspberry Pi that provides you with a 16x3 character LCD, as well as a full ASCII character set that lets you define eight of your own custom characters for special icons, graphs or decoration for your Pi. This HAT has been equipped with multiple capacitive touch pads, a six-zone RGB backlight and GPIO breakout pins.

Apart from the large black-on-white LCD screen (with dazzling six-zone RGB backlight) and six capacitive touch navigation buttons, the Display-O-Tron features a six-element LED bar graph, which is ideal for monitoring changing statistics such as CPU load or memory usage.

Each Pimoroni Display-O-Tron HAT easily snaps on top of a Raspberry Pi equipped with a 40-pin (2x20) GPIO. Pimoroni has created a GitHub repository bundling the Display-O-Tron software with a set of examples to get you started in an easy-to-use Python module right away.

Tags

16X3 | CAPACITIVE | DEVELOPMENT | DISPLAY-O-TRON HAT | GPIO | LCD | LED | PIMORONI | RASPBERRY PI | SHIELD

Pimoroni Display-O-Tron HAT Product Help and Resources

VIDEOS | SKILLS NEEDED

SparkFun 11-11-16 Product Showcase:

PUBLISHED ON NOVEMBER 11, 2016

COMMENTS 1 | REVIEWS 1

Customer Reviews

5 out of 5

Based on 1 ratings:

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

Currently viewing all customer reviews.

A fantastic User I/O addition

about 7 months ago by Member #1058659 verified purchaser

This is a terrific OOTB solution for user I/O, expecially for prototyping. The provided examples and libraries make using the board incredibly easy, and different types of feedback allow for a wide range of applications. While it does take up the whole header, it provides pass-through solder pionts, which helps maintain the RPi's I/O capability in a application setting. I did not use the pass-through points, so I can't comment further on them. All-in-all, it's a great design, versatile, good-looking, and easy to use.