

# Scroll pHAT HD

A whole heap of LED pixels with individual brightness control, for scrolling messages, animations, and more - Scroll pHAT HD!

Scroll pHAT HD packs 17x7 pixels (119 total) onto a single pHAT, and gives you full PWM brightness control over each pixel. Create beautiful animations and even anti-aliased text by taking advantage of the per-pixel brightness.

**Now also available in beautiful coloured versions: red, orange, yellow, green, blue, and pink!**

Use Scroll pHAT HD as a scrolling message display for your tweets, the weather or the news, or use it as a 17-band spectrum analyser for your audio. There's even enough pixels for simple games like Tetris, Pong, or snake.

## Features

- 17x7 matrix of bright white, or coloured, pixels (119 total)
- Individual PWM brightness control of each pixel
- Uses the IS31FL3731 LED matrix driver chip
- Scroll pHAT HD pinout
- Compatible with Raspberry Pi 3, 2, B+, A+, Zero, and Zero W
- Python library
- Female header requires soldering

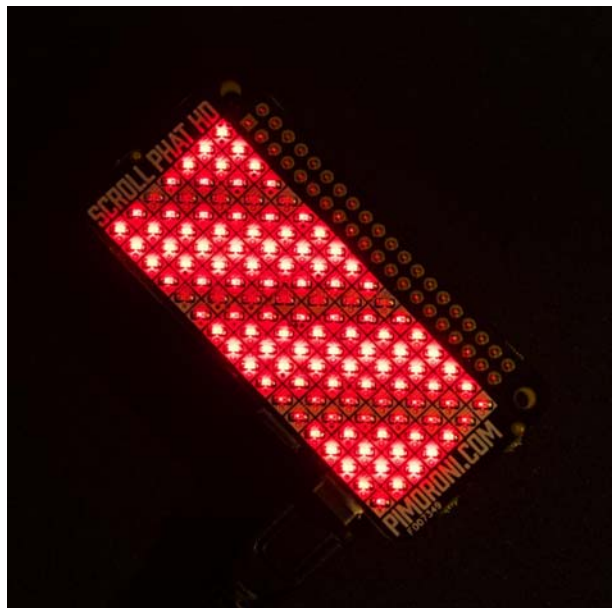
## Software

Our handy one-line installer will install the Scroll pHAT HD Python library for you. We've included a bunch of examples too, to show off what you can do with Scroll pHAT HD.

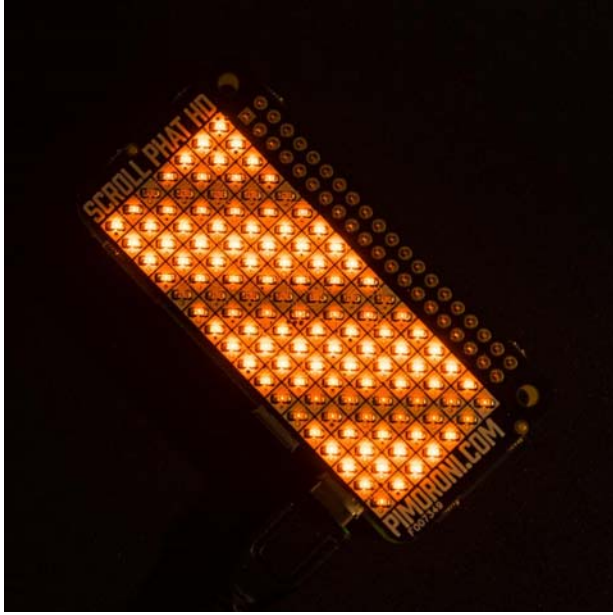
**Our software does not support Raspbian Wheezy.**



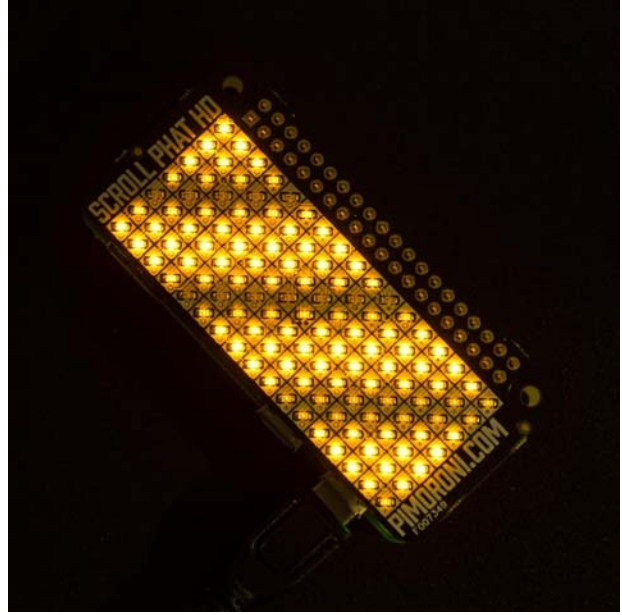
White /PIM268



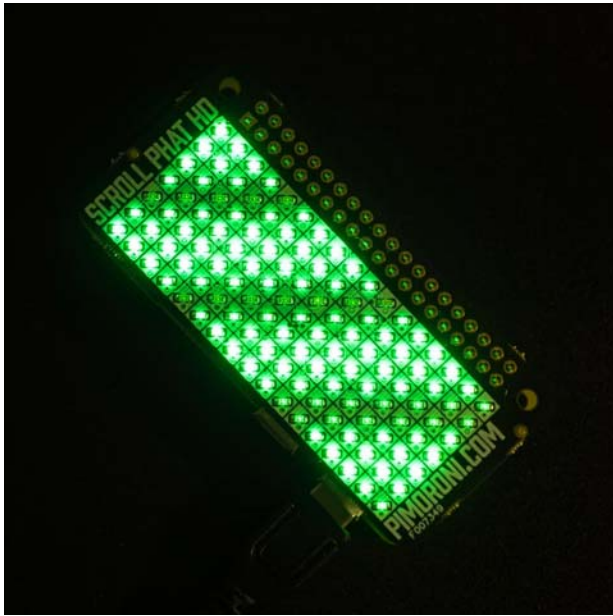
Red /PIM331



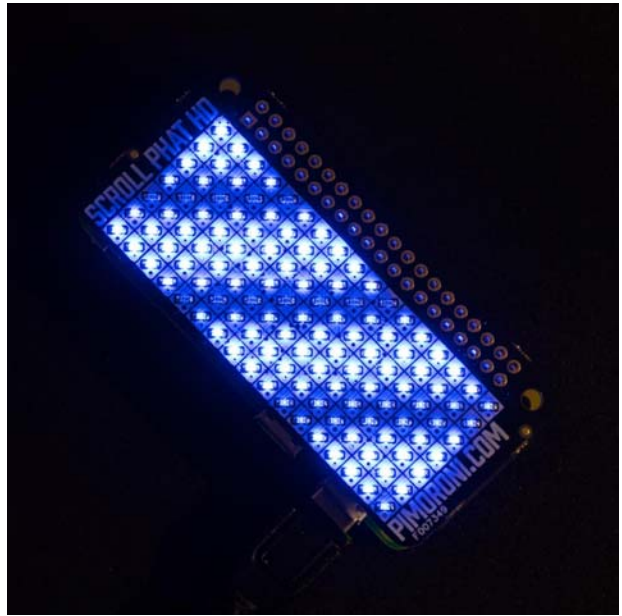
Orange /PIM332



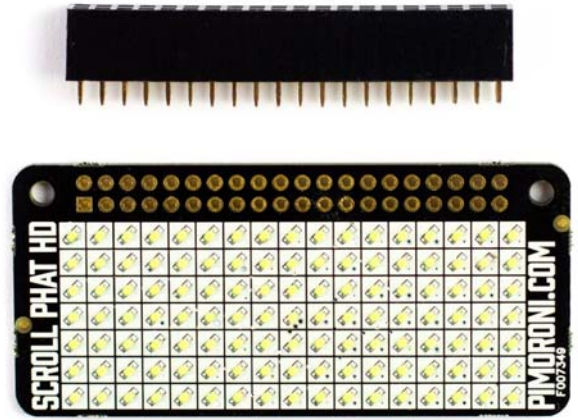
Yellow /PIM333



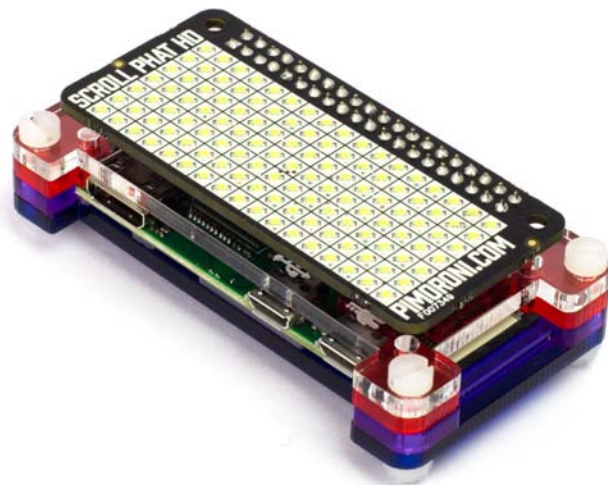
Green /PIM334



Blue /PIM335



Pink /PIM336



<https://shop.pimoroni.com/products/scroll-phat-hd> 3-7-18