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Blink!

Eight super-bright RGB LED indicators that are ideal for adding visual notifications to your Raspberry Pi without breaking the bank! [Read more...](#)

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Blink!

Eight super-bright RGB LED indicators that are ideal for adding visual notifications to your Raspberry Pi without breaking the bank!

Inspired by [Alex Ellis' work with his Raspberry Pi Zero Docker Cluster](#), we developed these boards for him to use as status indicators. Blink! offers eight APA102 pixels in the smallest (and cheapest) form factor to plug straight onto your Raspberry Pi.

Each pixel on Blink! is individually controllable and dimmable allowing you to create gradients, pulsing effects, or just flash them on and off like crazy. The data and clock lines are connected to GPIO #23 and #24 respectively but for simplicity you can just use our Python library to drive them.

- Eight APA102 RGB LEDs
- Individually controllable pixels
- Sits directly on top of your Pi in a tiny footprint
- Fits inside most Pi cases
- Doesn't interfere with PWM audio
- [Blink! pinout](#)
- Compatible with Raspberry Pi 3B+, 3, 2, B+, A+, Zero, and Zero W
- [Python library](#)
- Comes fully assembled

Software

Our [Blink! Python library](#) will have you blasting out rainbows in two shakes of a unicorn's tail! There's a stack of examples too, from binary clocks to cheerlights and flickering candles to Larson scanners!

Our software does not support Raspbian Wheezy.

Notes

- **Be careful to plug in your Blink! the correct way round, it has curves on the top that match the corners of your Raspberry Pi**
- If you want to access the rest of the GPIO at the same time as using Blink! then our [Mini Black HAT Hack3r](#) is the ideal accompaniment, allowing you to combine Blink! with another HAT or pHAT, or just prototype using the GPIO pins for your own project
- The dimensions of Blink! are 65mm long x 8mm wide x 8.5mm thick (thickness includes header and pixels)
- Additional accessories shown in photos not included

We featured Blink! on a special episode of Bilge Tank where we tried to come up with as many different code examples as possible in one morning. Check it out below.



Reviews



32 Reviews

[WRITE A REVIEW](#)

Chris Leigh ★★★★★

This Blink! device was great fun! I got it as part of the Pimoroni Raspberry Pi Zero W starter kit - the one with the Pibow case. It meant I could straight away produce something exciting with my Pi Zero, especially as the Python library supplied was so full of examples. Some of the examples were

Downloaded from [Arrow.com](#)

It made my early

programming attempts successful and exciting. The price is excellent, the LEDs bright, and the whole thing very easy to use. I'm now very tempted to get the LED shim - 28 rgb LEDs would be even better!

21 days ago

Hobbes ★★★★★

A cheap, but quality product, which I used for colour-coded notifications on my Zero and 3B. I would have preferred diffused LED lenses, but I'm guessing that would sacrifice brightness. At low brightness levels, the red green and blue LED elements are clearly visible while working near to the Pi. Nevertheless, that's a minor quibble, as I'm delighted with the product. A possible tip for David M. above, and perhaps others: I experienced the same colour balance issues if "set_brightness" was anything other than 1, so ensure that you have "blinkt.set_brightness(1)" somewhere.

39 days ago

Connor Gar... ★★★★★

Great product

★ REVIEWS

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