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Explorer pHAT

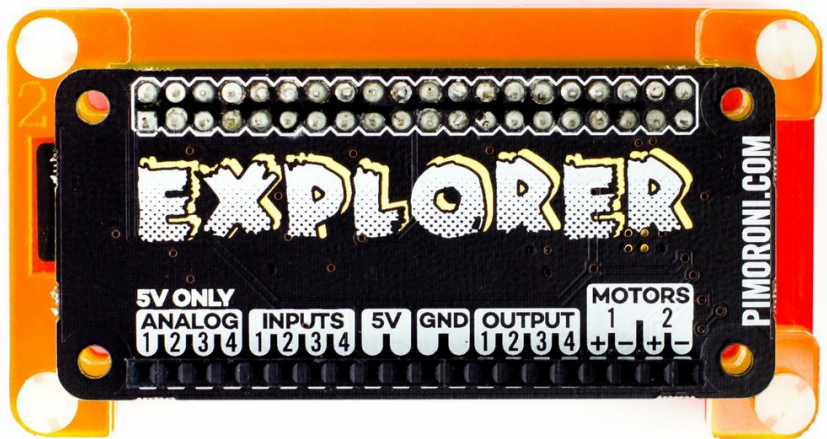
Explorer pHAT is the perfect prototyping side-kick for your Raspberry Pi! [Read more...](#)

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Explorer pHAT

Explorer pHAT is the perfect prototyping side-kick for your Raspberry Pi!

A more diminutive version of our popular [Explorer Hat Pro](#), it's cheaper and designed to fit perfectly on a Raspberry Pi Zero!

We've added a heap of useful input and output options that will take your projects to the next level. Great for driving motors, using analog sensors, and interfacing with 5V systems (like Arduino).

Perfect for building a tiny robot, or use it with our [Explorer HAT Pro parts kit](#) to prototype all sorts of circuits with its LEDs, analog dials, and temperature sensor.

Features

- Four buffered 5V tolerant inputs (perfect for Arduino compatibility)

- Four powered 5V outputs (up to 500mA total across all four channels)
- Four analog inputs
- Two H-bridge motor drivers (up to 200mA per channel; soft PWM control)
- [Explorer pHAT pinout](#)
- Compatible with Raspberry Pi 3B+, 3, 2, B+, A+, Zero, and Zero W
- [Python library](#)
- **Female headers require soldering**

Software

Explorer pHAT uses the same easy-to-use [Python library](#) as Explorer HAT Pro, that includes a bunch of examples to demonstrate Explorer pHAT's functions.

Our software does not support Raspbian Wheezy.

Notes

The inputs use a 5-channel buffer that will accept anything from 2V-5V as logic high.

Reviews



10 Reviews

WRITE A REVIEW

Sam Green ★★★★★

Great product as always! Super handy and compact for building a small raspberry pi zero robot!

57 days ago

James Dins... ★★★★★☆

How about making a good quick start guide that lists the library commands and shows some examples of analog and digital IO, motors, etc. The documentation is lagging compared to other Pi hats.

7 months ago

Robert Couch ★★★★★

It's been a miracle for building a robot! The python library is super easy to use!

10 months ago

Rob M ★★★★★

Used this for a simple remote control robot and got another for another tiny robot. Plenty of support on the code for it too.

11 months ago

★ REVIEWS

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