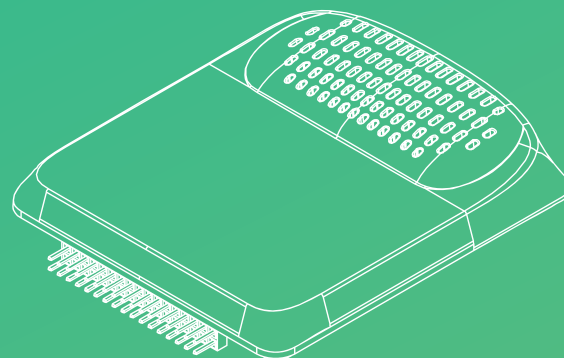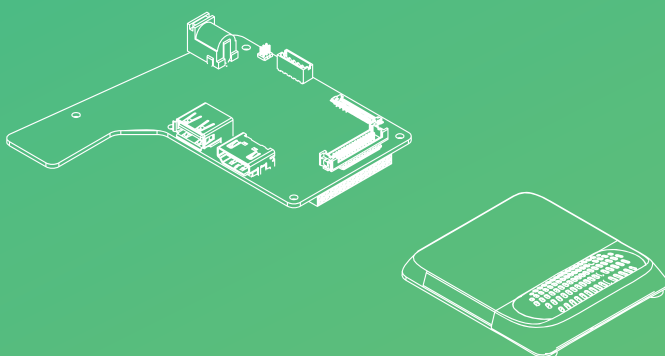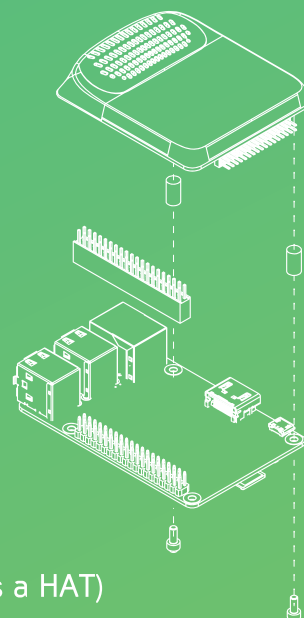# pi-topPULSE

-
Getting Started

░░ Hardware Set Up

In **pi-top** Modular Rail

1 Plug **pi-top**PULSE into the HUB. Ensure all pins are correctly aligned to avoid damage or malfunction. You may need to reboot your **pi-top**.

With Raspberry Pi 3 (as a HAT)

1 Connect the header into **pi-top**PULSE.

2 Connect the Mag Spacers to the bottom mounting holes of Raspberry Pi as shown below.

3 Place **pi-top**PULSE onto Raspberry Pi headers, ensure all pins are correctly aligned.

░░ Software Integration

To finish setting up **pi-top**PULSE (for **pi-top** Mag Rail or as a HAT) please go to:

https://github.com/pi-top/pi-topPULSE

pi-topPULSE

Technical Specifications

RGB LEDs

7x7 grid, illuminated speaker, underside ambient

Speaker

2W with I2S amplifier

Microphone

200Hz to 11KHz response, Automatic Gain Control (ACG)

Features

- Programmable using Python
- Amazon's cloud-based voice service compatible

Raspberry Pi 3 HAT compatible

FLAPPY ASTRONAUT

SNAKE

TETRIS

PULSE LIGHT SHOW

MORE LESSON PLANS IN pi-topCODER

pi-topPULSE with Amazon Alexa

pi-topCEED

The modular all-in-one Raspberry Pi powered desktop with **pi-top**OS

Adjustable Viewing Angles

14" HD Screen

Modular Components

pi-top

The build-it-yourself Raspberry Pi powered laptop with **pi-top**OS

10+ Hour Battery Life

13.3" HD Screen

Modular Components

Don't have **pi-top**OS?
Free download at:

www.pi-top.com/download

Access project based worksheets in **pi-top**CODER to use your **pi-top**PULSE to its fullest.

We're here to help

Have a question?

Chat with experts online by emailing us at:

support@pi-top.com