



# Pimoroni Drum HAT

PRODUCT ID: 3180



## . Description

Raspberry Pi and Pimoroni Piano HAT have found a new musical companion!

With the **Pimoroni Drum HAT** you can play music in Python, control software drum synths on your Pi, take control of hardware drum machines, or just build it into an elaborate drum-controlled project!

This HAT comes with 8 finger-sized capacitive touch sensor drum pads. Each pad on Drum HAT can be individually watched in Python and hooked up to whatever mad-cap contraption or project you can imagine.

The Drum HAT is compatible with Raspberry Pi 3, 2, Zero, B+, and A+ (any Pi with a 2x20 connector) and comes fully assembled with a treasure trove of examples to get you started.

Pimoroni designed the Drum HAT and Piano HAT to work harmoniously on the same Pi! All you need is a little creative wiring or the help of a Pimoroni Black HAT Hacke3r.

For all you Pro's wanting to take this a step further, you can also make your Drum HAT output regular MIDI commands with a USB to MIDI adapter and take charge of your hardware synth gear.

Features Include:

- 8 touch sensitive buttons
- 8 LEDs (let them light automatically, or take control with Python)
- Works with Piano HAT

Head on over to the Pimoroni Drum HAT GitHub repository to find a Python library, examples for PyGame and Python MIDI and more! <https://github.com/pimoroni/drum-hat>

## . Technical Details

For product support, replacement parts and warranty for Pimoroni products visit the Pimoroni forum or contact Pimoroni directly.

Product Dimensions: 65.0mm x 56.5mm x 7.0mm / 2.6" x 2.2" x 0.3"

Product Weight: 13.9g / 0.5oz