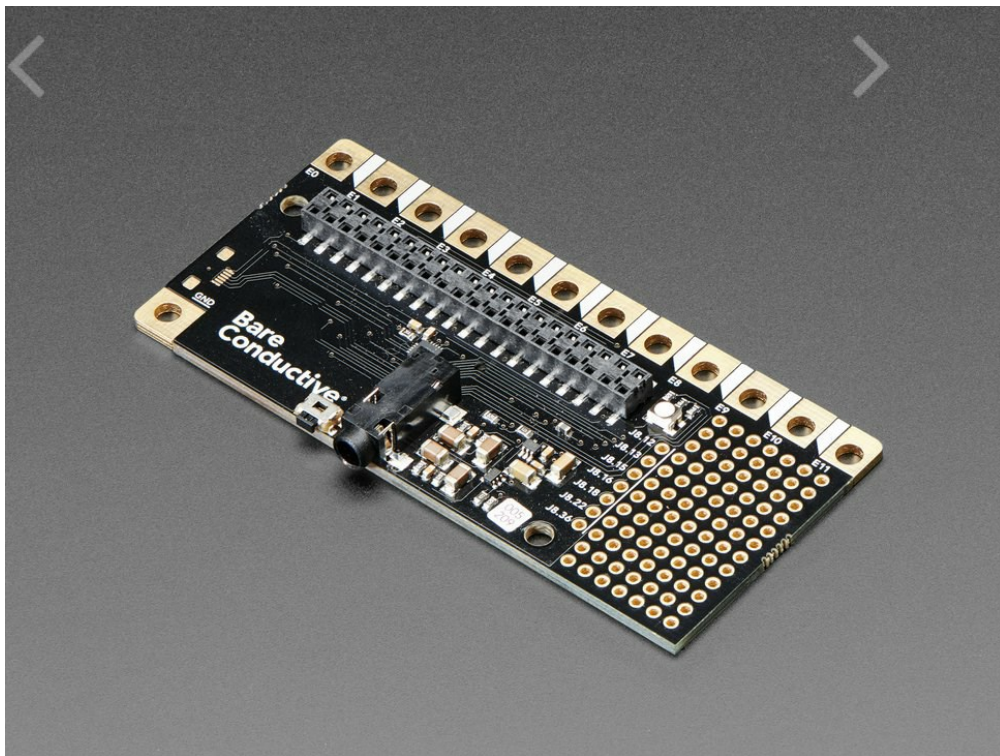




[RASPBERRY PI / PI HATS & BONNETS & ADD-ONS](#) / [HATS](#) / BARE CONDUCTIVE PI CAP



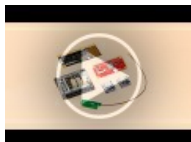
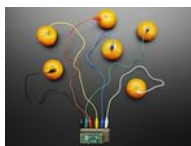
Bare Conductive Pi Cap

PRODUCT ID: 3224

DISCONTINUED

[DESCRIPTION](#)

[TECHNICAL DETAILS](#)



DESCRIPTION

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Add precise capacitive touch, distance sensing and high quality audio to your Raspberry Pi A+, B+, Zero and later (any Raspberry Pi with a 40 pin GPIO connector) with the **Pi Cap** from Bare Conductive! Connect [Electric Paint](#) or anything conductive to one of the 12 electrodes to control sounds, video and more. Connecting the physical world to the digital world is easy with [Bare Conductive's fully featured libraries and extensive online tutorials](#).

Features

- High quality audio output
- Extensive tutorials and easy startup experience
- Powerful Python and C++ libraries so that you can include sensors in your project
- User-programmable RGB LED and multi function button
- Prototyping area with GPIO breakout to add additional sensors or buttons
- Works with Raspberry Pi A+, B+, Zero and later (*Any Raspberry Pi with a 40 pin GPIO connector*)

The Pi Cap software is in the official Raspbian repository, so installing all the software you need is as easy as Pi. This also means you'll get updates through **apt-get**, just like you do with the core Raspberry Pi packages. Hooray for Linux!

Check out Bare Conductive's tutorials on setting up your Pi Cap on [Raspberry Pi 1, 2 & 3](#), and [Pi Zero](#).

An error occurred.

[Try watching this video on www.youtube.com](#), or enable JavaScript if it is disabled in your browser.

TECHNICAL DETAILS

For Bare Conductive product support, email them at info@bareconductive.com

Revision History:

- As of Sept 4, 2018 the layout has changed so the clicky button is easier to press. Overall layout/code/functionality is not affected!

Peep this tutorials from Bare Conductive:

- [How to change the volume on the Pi Cap](#)
- [How to use the LED on the Pi Cap](#)
- [How to make a power switch for the Raspberry Pi](#)
- [How to make a MIDI piano with the Pi Cap](#)
- [How to create a DJ mixer with the Pi Cap](#)

Product Dimensions: 85.0mm x 40.0mm x 6.7mm / 3.3" x 1.6" x 0.3"

Product Weight: 12.6g / 0.4oz

[Datasheet](#)

[Pin Map](#)

[Raspi Guide](#)

MAY WE ALSO SUGGEST...

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Raspberry Pi 3 - Model B -



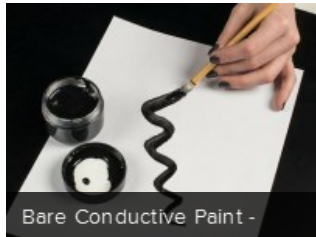
Bare Conductive Paint Pen -



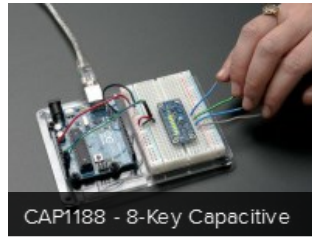
Sensor pack 900



Raspberry Pi Zero - Version



Bare Conductive Paint -



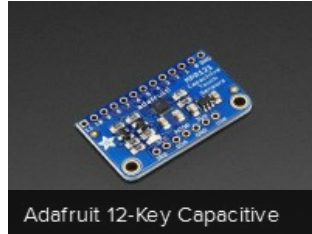
CAP1188 - 8-Key Capacitive



Pimoroni Enviro pHAT for



MaKey MaKey by Jay Silver



Adafruit 12-Key Capacitive



Raspberry Pi Sense HAT

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"I long to accomplish a great and noble task, but it is my chief duty to accomplish humble tasks as though they were great and noble" - [Helen Keller](#)

