



Raspberry Shake - Home Earthquake Monitor (RS1D)

SEN-14835

DESCRIPTION INCLUDES DOCUMENTS

This shake brings an easy-to-use earthquake monitor to the yard! Developed and made on a *literal* volcano, the Raspberry Shake is a highly accurate seismograph you can use in your home, office, and classroom. This Raspberry Pi accessory uses a single, vertical geophone as its sensor – a very sensitive yet rugged Earth motion microphone widely used in the oil and gas industry, to detect seismic vibration. The Raspberry Shake was originally designed with citizen scientists and educational facilities in mind, but can easily be used by other hobbyists, makers, and enthusiasts, as well!

Included with this kit is everything you need to equip your Raspberry Pi Zero, Pi Zero W, 3 Model B, 3 Model B+, 2 Model B, Model B and Model B+ with everything it needs to detect and measure earthquakes and seismic activities like fracking, explosions, eruptions, avalanches, landslides, and more. All you need supply is the Raspberry Pi itself.

Note: The Raspberry Shake Home Earthquake Monitor only includes the parts found in the Includes Tab. This kit will require some assembly and does **NOT** include a Raspberry Pi or power source. These items will need to be purchased separately.

Tags

- 1-AXIS
- EARTHQUAKE
- ENVIRONMENT
- GEOPHONE
- HAT
- KIT
- RASPBERRY PI
- RASPBERRY SHAKE
- RS1D
- SEISMOGRAPH
- SENSOR
- VIBRATION

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Raspberry Shake - Home Earthquake Monitor (RS1D) Product Help and Resources

VIDEOS

SKILLS NEEDED



Product Showcase: Raspberry Shake

PUBLISHED ON SEPTEMBER 27, 2018


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REVIEWS 0

Customer Comments

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 [Thaingad](#) / about 3 months ago / ★ 1

I have one set up and running in my garage. Assembly is trivial, and after that it is plug and play. It provides a web interface for configuring the location, after which it broadcasts to a network (<https://raspberrysake.net/stationview>). The online documentation provides security guidance (ie, change the default password).

It is very sensitive. I can tell when I'm walking around my house. I am a little concerned about someone using this as a way to tell when I'm out. Something to consider.

There is a store at the raspberrysake homepage that offers weatherproof enclosures. This kit is obviously not that.

 [Jon Self](#) / about 4 months ago / ★ 1



Ah man this is so cool! Definitely one to add to my wishlist :) So does the pi sitting inside of the enclosure have any way to be sealed off from the elements? (i might not understand something here, if so sorry!)

 **START**
SOMETHING.



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