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UNDER EMBARGO UNTIL JULY 18, 2016

Raspberry Shake, watching the earth move

Revolutionary Innovation Makes Earthquake Detection Technology Available to the Masses

VOLCAN, CHIRIQUI, Panama July 11, 2016 Scientist and engineer, Ángel Rodríguez has made it possible to use professional-level seismographic technology for thousands around the world with his newest invention, Raspberry Shake. This palm-sized device, described as the little brother of the esteemed OSOP Sixaola short period six-channel seismograph, packs quite a punch. It can detect and record earthquakes that are magnitude two and more within a radius of 50 miles and those that are magnitude four and more within a radius of 300 miles. Though it's simple to use and comes ready to go right out of the box, anyone who needs support can look to the dedicated Raspberry Shake community forum or access assistance via email or Whatsapp. Perfect for makers and Raspberry Pi enthusiasts that want to have a little fun with some real science. For other single board computer users there are DIY instructions to connect with any SBC with RX/TX and a free GPIO.

"With Raspberry Shake I want to bring to you in an affordable way the joy of seeing the earth shake. Not the rare massive earthquakes that knock buildings down, the quakes that make the evening news. But the small day to day rumblings that happen within a day's bike ride from where you live. There are thousands every day. They are not glamorous or newsworthy but none the less very interesting. This kit gives you the everything you need to make a seismograph and lets you pair it with the same software written and used by the USGS to view your data", says Rodríguez.

Having been a maker and tinkerer all of his life, Rodríguez has spent the bulk of his career building things. In the early days, he made [bicycles and tandems](#), but now he has found that his true passion is making seismographs. He works with a group of international scientists at OSOP building seismographs and exploring the earth by analyzing the messages it sends through vibrations. He has been developing and testing Raspberry Shake since July 2015, and after many trials the final prototype is ready for production. It is set to be released by the end of this year.

All of the components of the Raspberry Shake along with a guide book, "Personal Seismology", will be available for pre-order exclusively on Kickstarter. Backers can choose a fully-functional completed kit or get the components add a little shake to their own Raspberry Pi B, B+, 2 B, or 3. The campaign runs from July 18 until August 19. During this time, early adopters can take advantage of special discounted offers.

For more information about Raspberry Shake, please visit our [website](#) or follow us on [Facebook](#), [Twitter](#) and [Instagram](#).

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