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Raspberry Shake 4D Pi-Full Kit

Raspberry Shake 4D Pi-Full Kit User Guide

Contents

Raspberry Shake

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Specifications

- **Manufacturer:** Raspberry Shake, S.A.
- **Location:** Boquete, Panama
- **Website: raspberryshake.org**

Product Usage Instructions

- Raspberry Shake, S.A.
- Boquete, Panama
- Website: **community.raspberryshake.org**
- Email: **help@raspberryshake.org**

Initial Setup

- Find a suitable location for the Raspberry Shake close to a power outlet and an Ethernet port.
- After plugging in the device, it may need to update for a few minutes.
- Ensure the device is connected to the internet by checking for flashing lights on the Ethernet port.
- Plug in the Ethernet cable first, then the power cable.
- Default login credentials: Username – my shake, Password – shake me.

Network Configuration

- If rs. local/ does not open in your browser:
- Add a forward slash at the end of the address (rs.local/).
- Check if the Shake is still completing the initial update process.
- Find the IP address of your Shake from the WiFi router admin panel or using an app like Fing.

ShakeNet and Configuration

- To visualize earthquakes and configure your Shake:
- Use ShakeNet mobile and web apps at **raspberryshake.org/welcome**.
- Your new Shake should appear on ShakeNet within 24 hours.
- If you have a restricted network, contact your IT administrator to add the Shake's MAC or IP address.

Troubleshooting

- If your Shake is constantly rebooting or not turning on:
- Check the power supply output (2.5 Amps, 5-5.2 volts).
- Avoid using typical cell phone power supplies as they may not provide sufficient Amps.

FAQ

- How do I see my first earthquake?
- Easily visualize earthquakes of all sizes and intensities on our ShakeNet mobile and web apps. Go to:
  https://raspberryshake.org/welcome.

What if rs.local/ does not open in my browser?

If a search or an empty web page appears instead of the Shake configuration screen, remember to add a forward slash to the local address, like this: rs.local/ There is a possibility that your Shake is still completing the initial update process. The time varies depending on the internet connection speed, so try again in a little bit. You can try to find the IP address of your Shake from your WiFi router admin panel, or with an app like Fing. Enter the IP into your browser, which will open the same rs.local/ config page

How long does it take for my Shake to appear on ShakeNet?

Typically, your new Shake will appear on ShakeNet mobile and web apps within 24 hours, often much faster.

What if I have a restricted network (e.g., a firewall at schools or the office)?

Talk with your IT administrator to add your Shake's MAC and/or IP address to their system. We can always support you on the forum!

Does my Shake need a dedicated computer?

Nope, your Shake does not need a dedicated computer - it already is one!

What is an ideal location for my Shake after initial setup?

Can I plug my Shake into a monitor via HDMI?

Your Shake does not utilize the HDMI output for data visualization or configuration. The Shake can be accessed via the rs.local/ webpage and the data can be visualized remotely through the ShakeNet mobile and web apps.

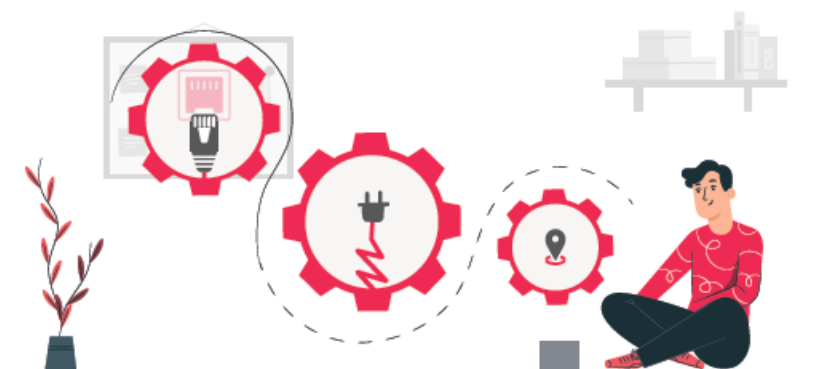Why might my Shake be constantly rebooting/not turning on?

We recommend that you check the output of your power supply, the Shake requires 2.5 Amps and between 5 and 5.2 volts. Note that your typical cell phone power supplies generally do not supply sufficient Amps.

For any other questions, visit our help page, our manual, or our technical support forum.

- Happy Shaking! **raspberryshake.org/help**.

Set up your Raspberry Shake

Step 1: First plug-in

Find a suitable place for a first-time plug-in. The Shake will need to be close to:

- A power outlet.
- An Ethernet port (often on your wifi router).

Plug in the Ethernet cable first, then power.

Note: We do not recommend using WIFI

Shaker Tips

- After turning on the device for the first time, it will likely need to update for a few minutes
- You can always change your Shake's location after the initial setup
- To ensure your device is connected to the Internet, look for flashing lights on the Ethernet port
- If required, the default login username

is: my shake, and the default password
is: shake me

Connect your Shake

Step 2: Connecting to rs. local

Connect to your Shake via a computer or mobile device that is on the same network:

- Type **http://rs.local/** into the address bar on any browser.
- You should reach the webpage displayed above.
- If you have any trouble, check out the FAQs in this guide.
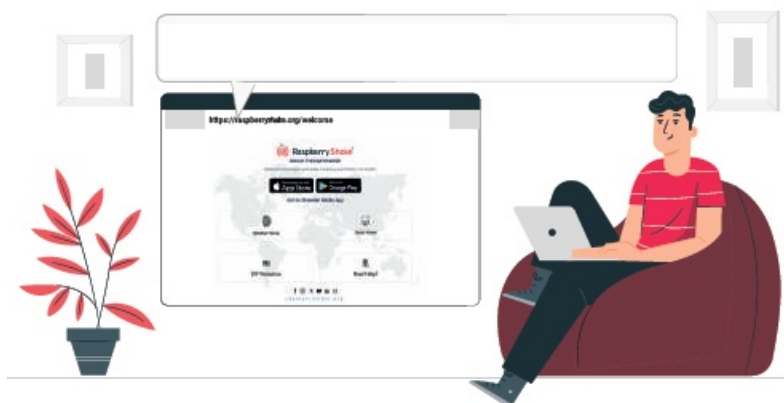
Step 3: Shake configuration

On the rs. local/ main page:

- Click on the Settings icon.
- Enter your information.
- Enter your location as accurately as possible for precise seismic triangulation.

Note: For privacy, we publicly obscure your Shake's location on our mobile and web maps.

Joining the ShakeNet Community

Step 4: Contribute to worldwide Earthquake detection!

Forward your data to the Raspberry Shake Data Center and be seen on our interactive mobile and web maps:

- In rs. local/ Settings ⚙️ select the DATA tab
- Check "Forward data"
- Click save and restart

Step 5: Start Shaking!

- Congratulations! You and your Shake are now a part of the world's largest seismic network!
- Scan the QR code for more helpful resources. **raspberryshake.org/help**.

Watch the Earth Move on your devices

- See your Shake's data in real-time on our ShakeNet mobile and web apps, available for iPhone and Android. Sign in to view thousands of Shakes online and streaming worldwide.

Get Online!

- Detect your first earthquake and see what's shaking around you!
- **https://raspberryshake.org/welcome**.

Contact Us

- Raspberry Shake, S.A.
- Boquete, Panama
- **community.raspberryshake.org**
- **raspberryshake.org/help**

Documents / Resources

	Raspberry Shake 4D Pi-Full Kit [pdf] User Guide QSF-FRONT-BACK, 4D Pi-Full Kit, 4D Kit, Pi-Full Kit

References

- (o) **welcome - Raspberry Shake**
- **User Manual**