### Bad interaction with Sound

If sound is enabled on your Pi, this will not work together with the LED matrix,

as both need the same internal hardware sub-system (a first test to see if you

are affected is to run the progrem with `--led-no-hardware-pulse` and see if

things work fine then).

If you run `lsmod` and see the `snd\_bcm2835` module, this could be causing trouble.

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In that case, you should create a kernel module blacklist file like the

following on your system and update your initramfs:

```

cat <<EOF | sudo tee /etc/modprobe.d/blacklist-rgb-matrix.conf

blacklist snd\_bcm2835

EOF

sudo update-initramfs -u

``

Reboot and confirm that the module is not loaded.

sasch@raspberrypi:~/rpi-rgb-led-matrix/examples-api-use $

sudo ./demo -D0 --led-rows=64 --led-cols=64 --led-slowdown-gpio=1

```shell

sudo apt-get update && sudo apt-get install python3-dev python3-pillow -y

make build-python PYTHON=$(command -v python3)

sudo make install-python PYTHON=$(command -v python3)

```