

Install is simple, you need to setup and properly configure alsa, then you can just build and run pocketsphinx

```
sudo apt-get update
sudo apt-get upgrade
cat /proc/asound/cards
```

check your microphone is visible or not and if on which usb extension

```
sudo nano /etc/modprobe.d/alsa-base.conf
```

Now change this

```
# Keep snd-usb-audio from being loaded as first soundcard
options snd-usb-audio index=-2
```

To options snd-usb-audio index=0

if there is some other options snd-usb-audio index=1, comment it out

```
sudo reboot
cat /proc/asound/cards
check your device is at 0
sudo apt-get install bison
sudo apt-get install libasound2-dev
```

download sphinxbase latest , extract

```
./configure --enable-fixed
make
sudo make install
```

download pocketsphinx, extract

```
./configure
make
sudo make install
export LD_LIBRARY_PATH=/usr/local/lib
export PKG_CONFIG_PATH=/usr/local/lib/pkgconfig
```

Run it, should work

```
pocketsphinx_continuous -inmic yes
```

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