

Calibrate the touchscreen for X.

We will install a `xinput_calibrator` and a script to load the calibration data each time X starts.

The first time you run X, you will be presented with a calibration screen. This will only run once, and you will be asked to touch the touchscreen a few times.

The calibration program will create a file which stores the calibration data(`/etc/pointercal.xinput`)

To perform calibration again, just delete `/etc/pointercal.xinput` and restart X. You will be presented again with the calibration program once X starts.

1. Install all the prerequisites required for calibration

```
sudo apt-get install libtool libx11-dev xinput autoconf libx11-dev libxi-dev x11proto-input-dev -y
```

2. Download and install `xinput_calibrator`

```
git clone https://github.com/tias/xinput_calibrator
cd xinput_calibrator/
./autogen.sh
make
sudo make install
```

When copying and pasting `./autogen.sh`, you will need to confirm that the dot is copied

3. Download and setup the calibration script

```
cd ~
wget http://s3.amazonaws.com/ttbox/xinput_calibrator_pointercal.sh
sudo cp ~/xinput_calibrator_pointercal.sh /etc/X11/Xsession.d/xinput_calibrator_pointercal.sh
sudo sh -c 'echo "sudo /bin/sh /etc/X11/Xsession.d/xinput_calibrator_pointercal.sh" >> /etc/xdg/lxsession/LXDE-pi/autostart'
```

When copying and pasting the last line above, you will need to confirm that all the quotes get copied correctly

4. Reboot

```
sudo reboot
```

5. Calibrating

[Menu] - [Preference] - [Calibrate Touchscreen]