Cài đặt screen touch

**Calibration for the touchscreen(in Raspberry PI).**  
Note: *The next steps are performed in the Raspberry PI's Debian Wheezy. This is a method for calibrating the touchscreen which will work just for Xserver and Xserver based applications.*  
  
Install xinput\_calibrator.  
Install some dependencies:

*sudo apt-get install libx11-dev libxext-dev libxi-dev x11proto-input-dev*

Download xinput\_calibrator somewhere in the Raspberry PI's folder structure.

*wget http://github.com/downloads/tias/xinput\_calibrator/xinput\_calibrator-0.7.5.tar.gz*

Unpack it and then navigate to the unpacked folder and then install it using:

*./configure*  
*make*  
*sudo make install*

After this step you should run xinput\_calibrator(from Xserver terminal console: first startx then open console and then run it).

*xinput\_calibrator*

Follow the on screen instructions(touching some points on screen) and after calibration is complete you will receive a message like this:

*Calibrating EVDEV driver for "eGalax Inc. USB TouchController" id=8*  
*current calibration values (from XInput): min\_x=1938, max\_x=114 and min\_y=1745, max\_y=341*  
 *Doing dynamic recalibration:*  
*Setting new calibration data: 121, 1917, 317, 1741*  
 *--> Making the calibration permanent <--*  
*copy the snippet below into '/etc/X11/xorg.conf.d/99-calibration.conf'*  
*Section "InputClass"*  
*Identifier    "calibration"*  
*MatchProduct    "eGalax Inc. USB TouchController"*  
*Option    "Calibration"    "121 1917 317 1741"*  
*Option    "SwapAxes"    "1"*  
*EndSection*

For Raspbian you have to create a file:

sudo nano /usr/share/X11/xorg.conf.d/01-input.conf

Add in this file the content above(starting with *Section "InputClass"* line) and then save it(ctrl+O).