

Installation and user guide for C19 Calibration APK rev1

Purpose:

The APK "SensorTools" is to calibrate G Sensor.

This calibration is needed if main PBA is replaced.

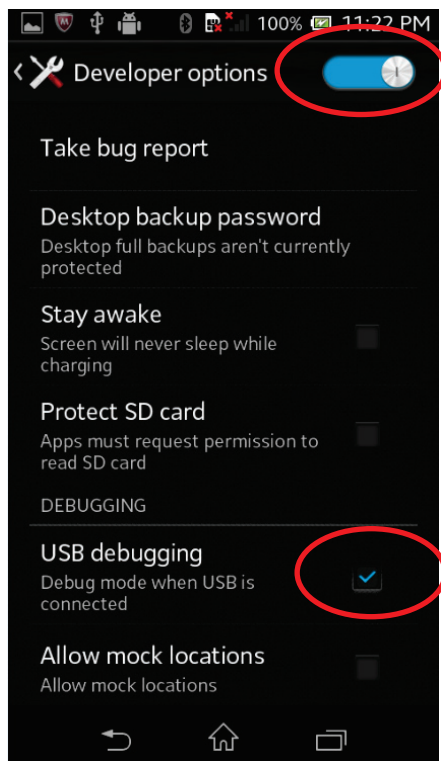
There are 4 chapters in this guide.

- 1. USB driver installation.**
- 2. How to install C19 calibration APK.**
- 3. How to calibrate G Sensor.**
- 4. How to remove APK and disable USB debugging.**

Caution:

Please read 2-d (item d in chapter 2) and 2-e (item e in chapter 2) carefully and follow the rules before you execute calibration, otherwise, it could make the calibration fail.

- ✧ Before installation, please go to device and press menu key → "Settings" → "Developer options" Enable USB debugging.



1. USB driver installation:

- Since the APK need to be installed by ADB command, please install USB driver first.
- There are 2 ways to install USB driver:
 - a. Via Install adb drivers: Installation guide is in below file

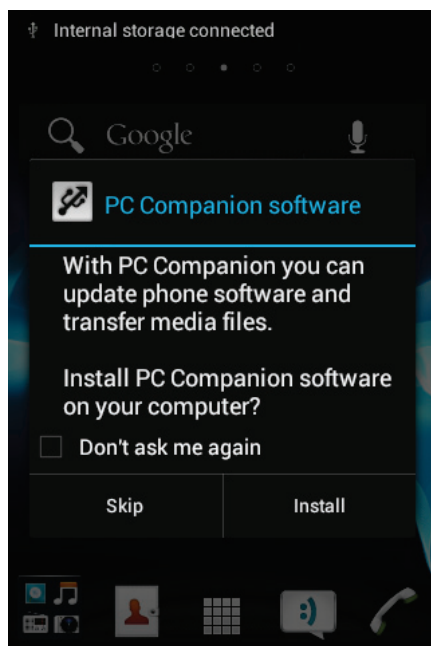
USB Driver Installation guide for C19

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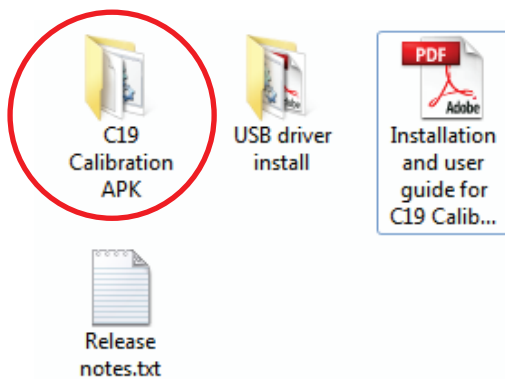
Revision	Description	Date
1	First release	13.08.02

- b. Via PC companion: When plugging USB cable, there is pop up window shown up in the device, tap “install” for installation

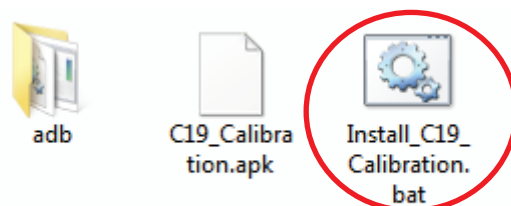


2. How to install C19 calibration APK.

- a. Prepare a PC and connect to device with USB cable and wait for USB driver installs.
- b. Open C19 Calibration APK folder.



- c. Double click [Install_C19 calibration.bat](#) to install calibration Apk.



Below screenshot should be shown in PC:

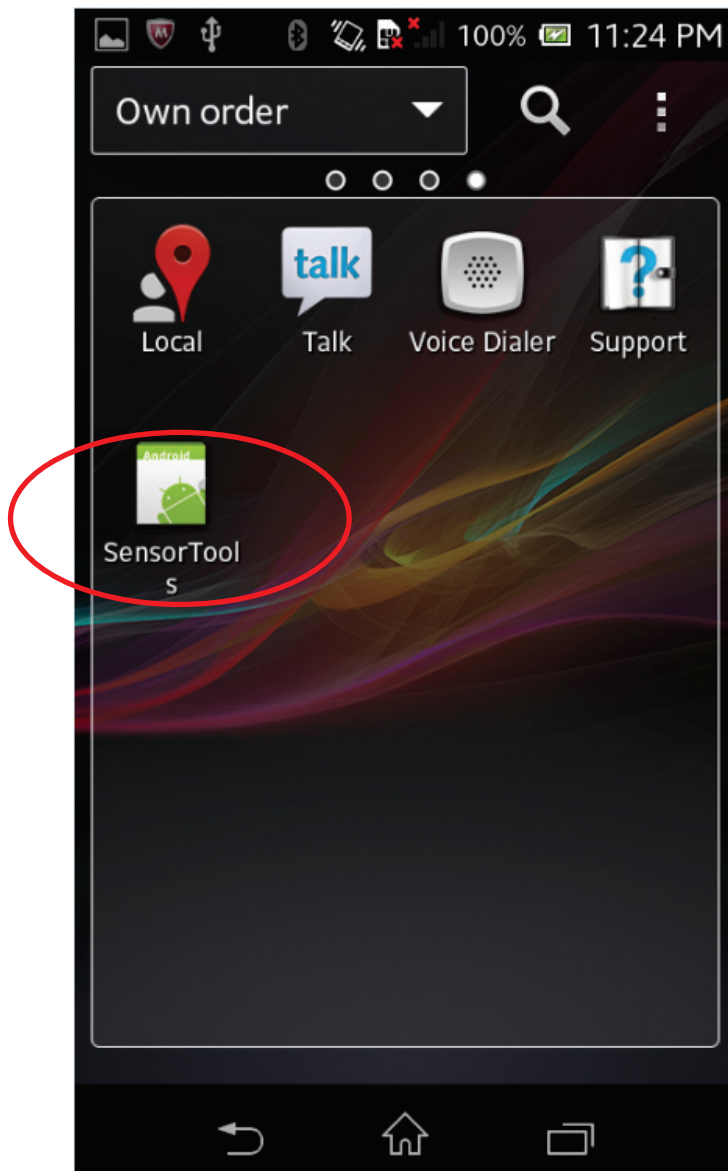
A screenshot of a Windows command prompt window. The title bar reads 'C:\WINDOWS\system32\cmd.exe'. The command history shows the following commands and output:
1. `C:\Users\23049357\Desktop\nicki\Nicki til cspn\C19 Calibration APK>"C:\Users\23049357\Desktop\nicki\Nicki til cspn\C19 Calibration APK"\adb\adb wait-for-devices`
2. `C:\Users\23049357\Desktop\nicki\Nicki til cspn\C19 Calibration APK>"C:\Users\23049357\Desktop\nicki\Nicki til cspn\C19 Calibration APK"\adb\adb install "C19_Calibration.apk"`
3. Output: `2484 KB/s (25445 bytes in 0.010s)`
4. Output: `pkg: /data/local/tmp/C19_Calibration.apk`
5. Output: `Success`
6. `C:\Users\23049357\Desktop\nicki\Nicki til cspn\C19 Calibration APK>pause`
7. Output: `Press any key to continue . . .`
The word 'Success' is circled in red.

If **Success**, the APK are installed.

d. **Unplug USB cable**

The most important step, please remember to unplug USB cable before you execute the application. The USB connection will interfere with calibration.

e. Select “**SensorTools**” icon to let the device execute auto calibration.

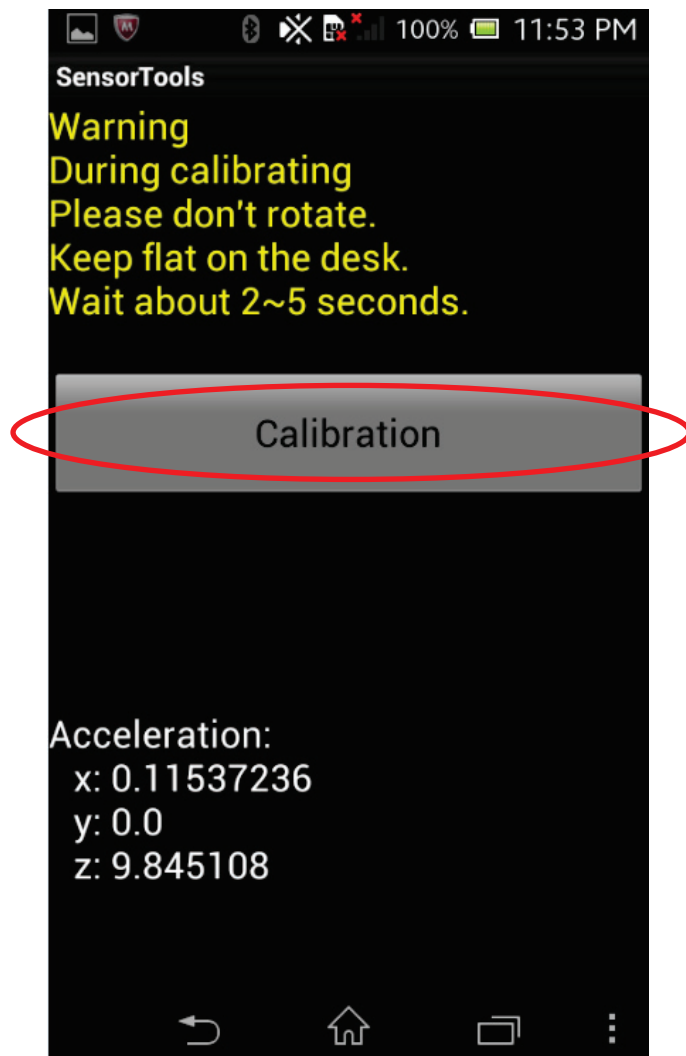


4. How to calibrate G- Sensor.

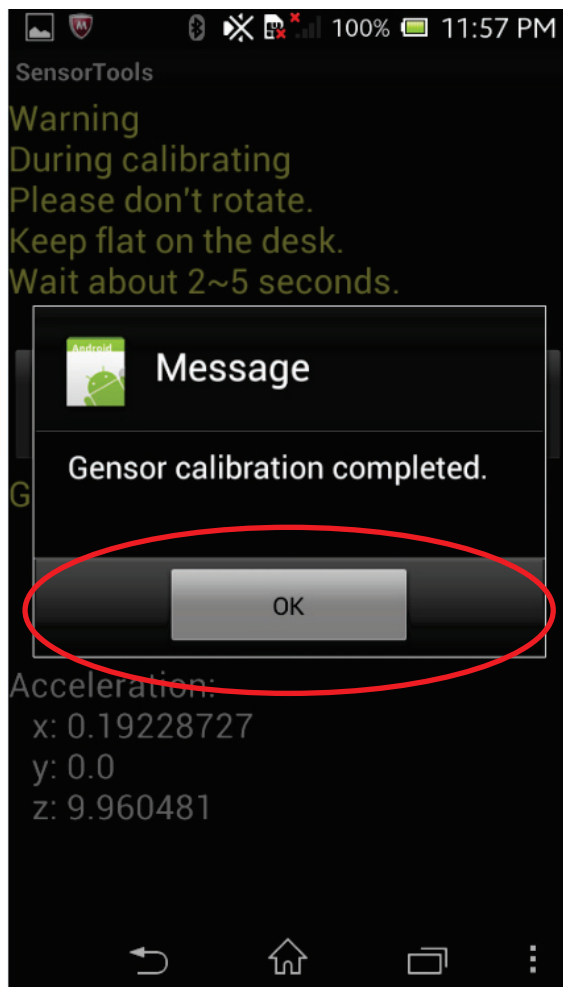
Warning: Keep phone flat on the desk.

During calibration don't rotate the phone

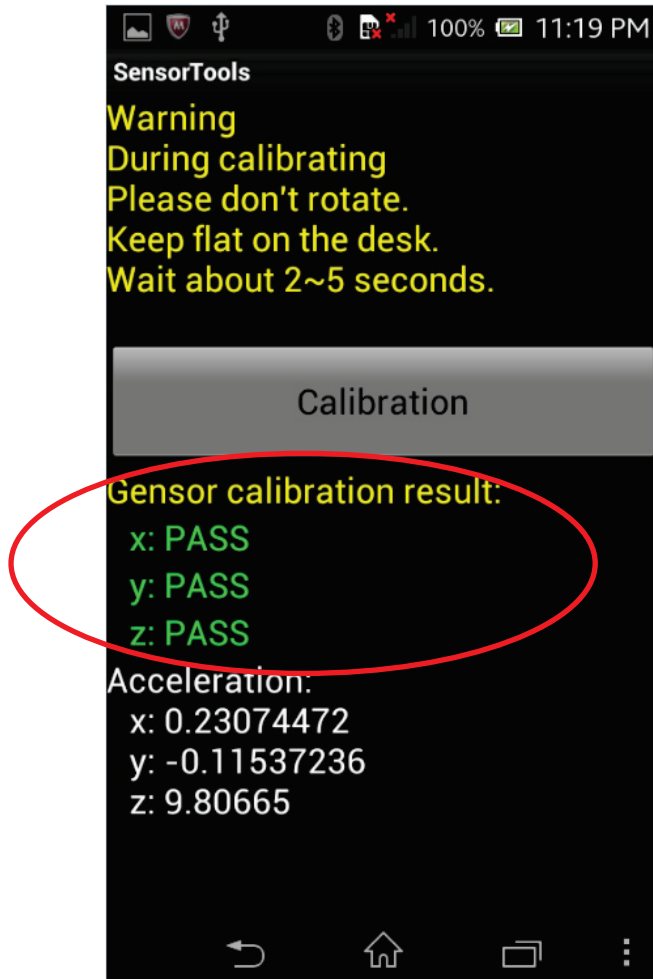
Press white part "Calibration" to start calibration.



To complete calibration press ok



The screen will show the result, **Green** means Pass and Red means NG



4. How to remove the APK and disable USB debugging.

The calibration APK will be auto removed.

Please go to device and press menu key → “Settings” → “Developer options” to disable “USB debugging”

