

GroovyTouch Touch Screen Installation Notes

January 05 2010

Welcome to the touch world with the most premium touch screens. This note provides brief information and assistance for the USB and serial controllers (GT-C5RU-XX/GT-C4RU-XX/GT-C5RS-XX/GT-C4RS-XX/GT-C5RUS-XX/GT-C4RUS-XX) :

- a. Brief Specification
- b. Hardware Installation Notes
- c. Software Drivers
- d. General Notes

a. Specification

- . 11-bit ADC supporting 2048 x 2048 resolution.
- . Compact design on a small PCB.
- . On board LED indicator.
- . 4-point, 9-point and 25-point calibration.
- . Calibration supporting sensors to work in any direction.
- . Right mouse button supported.
- . Drawing test supported.

b. Hardware installation notes

The controller (the PCB) should be mounted on the chassis of the device by two screws. The two silver rings around the two holes should be grounded with the chassis.

The ribbon cable from the controller to the sensor could be connected in any direction. The calibration will decide the X/Y axis and the direction.

c. Software drivers

For windows 9x, ME, NT, 2000, XP, Server2003, Vista, and win 7 this CD supports AUTORUN for installing the touch screen drivers.

If the installation could not be finished successfully with AUTORUN, please run "setup.exe" directly.

A "TouchKit" utility is added to desktop during installation.

For win 9x, win ME, and win NT, start the "TouchKit" utility and click the "HELP" button at the right-bottom corner to get all the information and assistance. If necessary, run "Touchkit.hlp" before running "setup.exe".

For win 2000, win XP, win Server2003, win Vista, and win 7 please refer to "User_Guide.chm" for assistances.

For win CE, Linux, and iMac, please refer to "User_Guide.pdf", "Readme.pdf", or "Installation Guide" in each subdirectory for details.

For embedded win XP, please refer to "User_Guide.chm" in the subdirectory for details.

d. General notes

1. Precautions for screen sensor :

- . The screen sensor is fragile and has to be handled carefully.
- . Do not stack the screen sensors.
- . Do not just hold the flexible cable (tail) for the sensor.
- . The bus bar area around the edges is the most fragile part.
Any pressure or tests on the area should be avoided.
- . The screen sensors should be cleaned with ethanol.

2. Administrative privilege :

For NT series, the drivers could only be installed by the users with administrative privilege.

3. Calibration :

The calibration has to be done right after the touch screen driver is installed. The touch point and the cursor may not be consistent before the touch screen is calibrated.

4 points calibration is the default calibration.

25 points and 9 points calibration are the advance modes.

These modes should calibrate the touch screen more precisely and the touch screen could work more accurately.