



Touch Tool
Version: 1.05

Chapter 1. Features

Features	
Coordinate Revision	9 Point Position
Mouse Emulator	1. Left / Right button emulation Hide mouse cursor 2. General / Click on Touch / Click on release
Sound Option	1. Silent 2. Frequency adjustment 3. Length adjustment
Double Click	1. Set up double-click speed 2. Set up double-click domain
OS. Support	1. Windows 95/98/ME/NT4/2000/XP/ Windows XP Tablet PC Edition 2. Linux (X Window Version: 3.4 Red Hat 6.0 ~ 8.0 Mandrake 5.0 ~ 9.0)

Chapter 2. TouchTool Installation

TouchTool is a controller driver software that uses RS232 communication connector.

Please install *TouchTool* according to the following sequence.

1. Log in to **root** account
2. Insert *TouchTool* CD to the CD-ROM.
3. Move to directory `/mnt/cdrom/Linux/IGT_linux_bin`
4. **#. ./ino_setup**

The following will be copied when above command is executed.

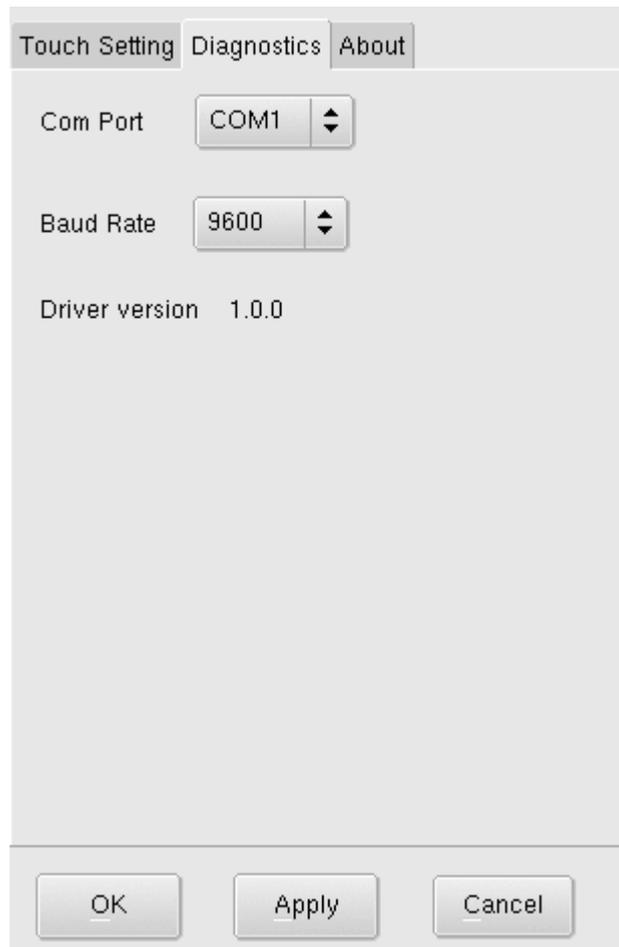
`IGT.cur`, `*.xpm`, `IGT_setting`, `IGT_app`, `IGT_rightbutton` will be copied to `/usr/bin` directory of Linux.

`touchtool_drv.o` will be copied to `/usr/X11R6/lib/modules/input` directory of Linux.

5. Please check if the copied files are located in the specified directory.
If not, perform 3 again or copy them directly with **cp** command.

```
cp [target file] [location to be copied]
ex> cp touchtool_drv.o /usr/X11R6/lib/modules/input
```

6. Execute `IGT_setting` to `/usr/bin` and click on **Diagnostics** tab. Set up **Com Port** and **Band Rate** where the controller is installed



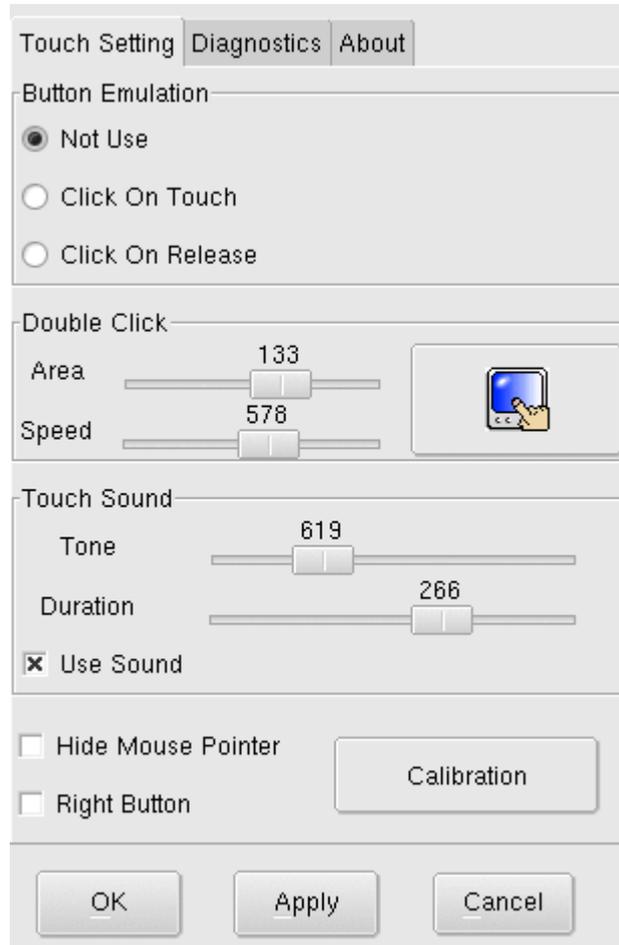
7. Click on **[Apply]** to apply changes.
8. Setup is complete when the following sentence shows after checking `/etc/X11/XF86Config`. This may show at **XF86Config-4** according to the version of **XFree86**.

```
Section "InputDevice"
    Identifier "TouchTool"
    Driver "touchtool"
    Option "Device" "/dev/ttyS0"
    Option "Speed" "9600"
EndSection
```

9. Restart **X** window.

Chapter 3. Setup Utility

There are 3 tabs, **Touch Setting**, **Diagnostics** and **About**, at *TouchTool* driver utility.



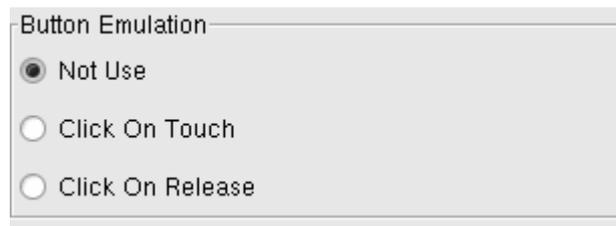
1. Touch Setting

<Calibration>

Set the 4 points of panel and screen exactly. This is done only once while operation for the first time. Click on **[Apply]** to apply setting.

<Hide Mouse Pointer> and <Right Button> operates only in **GNOME** environment.

Button Emulation provides with mouse button function.



<Not Use>

This provides with all mouse function including dragging.

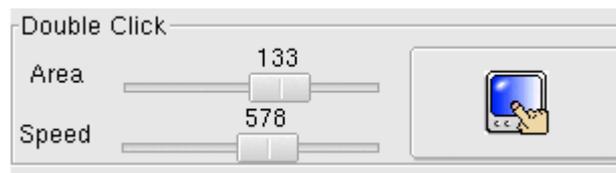
<Click On Touch>

Click operation is done when user contacts the touch panel.

<Click On Release>

Click operation will only be done when fingers are taken away from the panel.

Double Click is provided to set up the area for double click allowance and the speed..



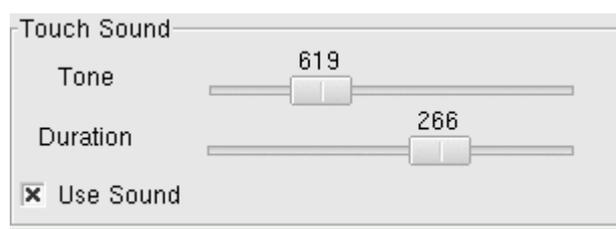
<Area>

The contact does not always occur to one point. There is range of error while contact. Thus if the user sets up the double click area in small number, it will become sensitive, to click on exact one point. If the user sets up the area wider, larger contact point is included.

<Speed>

Double click speed refers to response from the system after double-click. User can adjust the double-click speed to easy one to his or her taste.

Touch Sound notifies the contact reaction by sound when there is contact to the panel.



<Tone>

User can adjust the tone of sound.

<Duration>

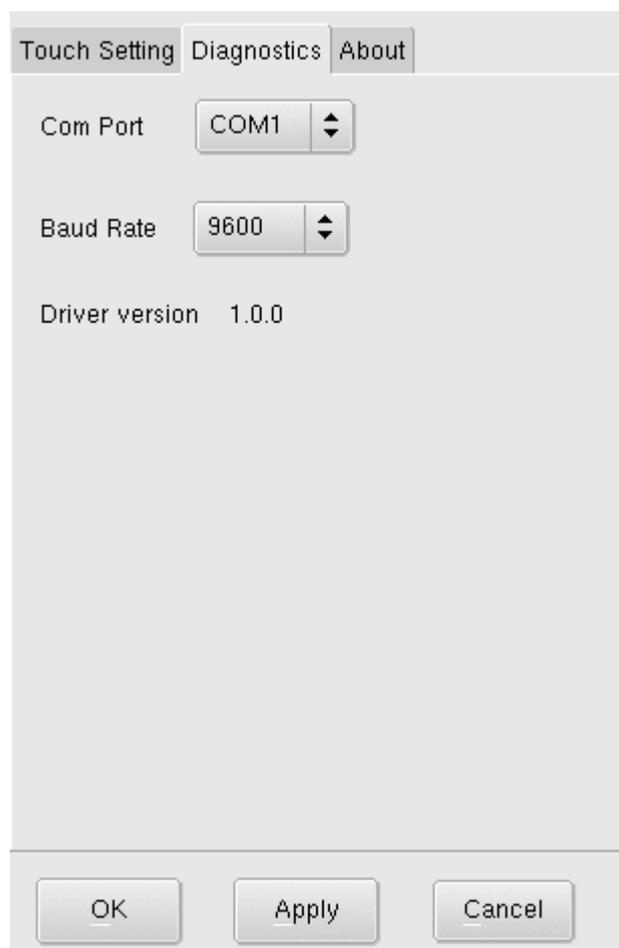
User can extend or reduce the length of sound.

<Use Sound>

User can turn on or off the sound.

2. Diagnostics

This is the page to set up communication speed with the Com port.



<Com Port>

Open the port you wish to use. Com1~4 are supported.

<Baud Rate>

This sets up the communication speed between the controller and PC.

<Driver Version>

This shows the current version of the drive being used.

3. About



Cautions

1. User should log into 'root' account for installation and setup.
2. Please click on **[Apply]** to apply changes.