

## TeamPOS 2000

### Summary:

The following is the installation procedure for the touch driver in Windows NT 4.0.

#### A. Procedure for Installing the Windows NT 4.0 touch driver in Single Touch Mode

Note: This procedure assumes the touch panel is connected to COM 1.

1. Establish a directory on the hard drive (example: c:\touch), transfer the file into it and un-zip the file using Win-Zip. Select [Start], then [Settings], then [Control Panel] and finally double click on [Mouse]. Select [General] and then click [Change]. Click on [Have Disk], then [Browse] and find the directory containing the file "Fidntra.inf" (example c:\touch\eng\A) and click on it.



2. Click [Open] then [OK], [OK], and finally [Close]. A message will come up asking "Do you want to reboot the computer?" Click [Yes]. When the machine restarts the touch panel should be active.

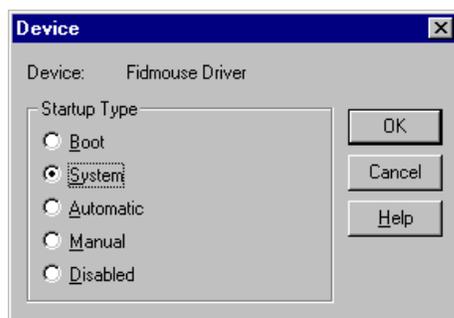
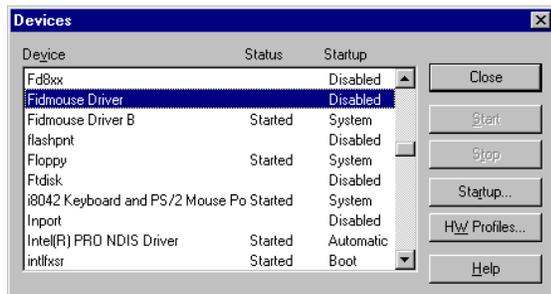
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### B. Procedure for Installing the Windows NT 4.0 touch driver in Dual Touch Mode

1. Using the Win NT 4.0 video procedure, activate dual display. Install the first touch panel by using steps 1&2 of Procedure A.

2. Select [Start], then [Settings], then [Control Panel] and finally double click on [Mouse]. Select [General] and then click [Change]. Click on [Have Disk], then [Browse] and find the directory containing the file "Fidntrb.inf" (example c:\touch\eng\b) and click on it. Click [Open] then [OK], [OK], and finally [Close]. A message will come up asking "Do you want to reboot the computer?" Click [Yes].

3. After the machine restarts go into the control panel and click on [Devices]. Scroll down until you see the "Fidmouse Driver" components under Device. Look to the left under Status and verify that both drivers are started. If not click on [Startup] and ensure the option [System] is selected.



4. Next click [OK] then [Start]. The following window will be displayed.



5. After the timer goes away both Fidmouse components status area should indicate Started. Click [Close] and then perform a normal shutdown

6. After the machine restarts go into the control panel and double click the touch panel icon. Click on the Display Tab and place a check mark box in the box "Use the function of the Multi Screen" This will enable the second touch. Click [Apply] then [OK]

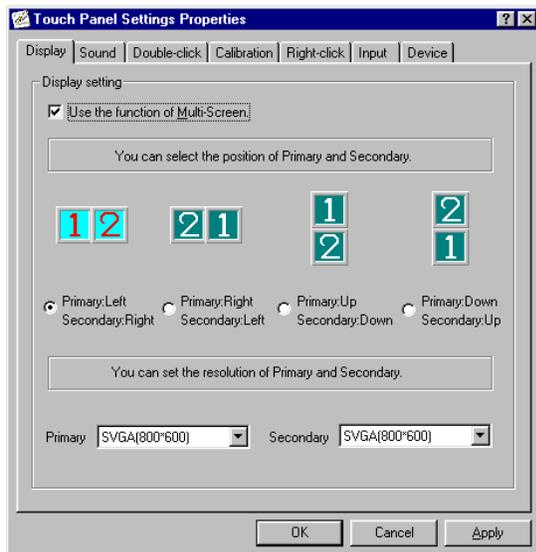
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### C. Touch Panel Settings Properties

The following section gives a brief description of the functions available in the touch program.

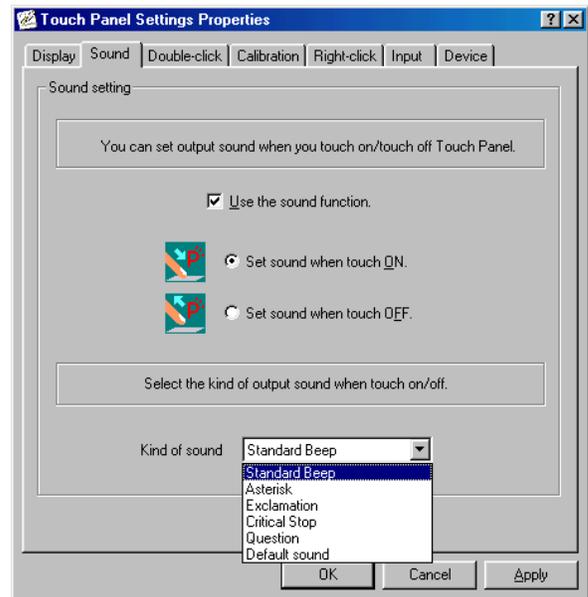
#### 1. Display Tab

- a. Ability to switch between Single screen or Multi screen Operation.
- b. Only the first 2 positions are applicable during the operation of Touch.
- c. The Resolution of both screens must be set to 800x600.



#### 2. Sound Tab

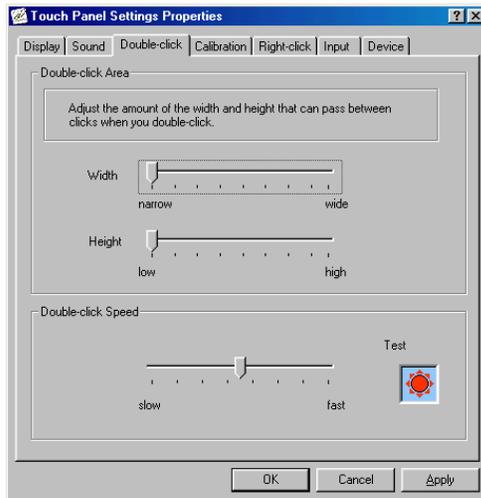
- a. Ability to control when sound is heard and the type of sound that is heard when initiated.



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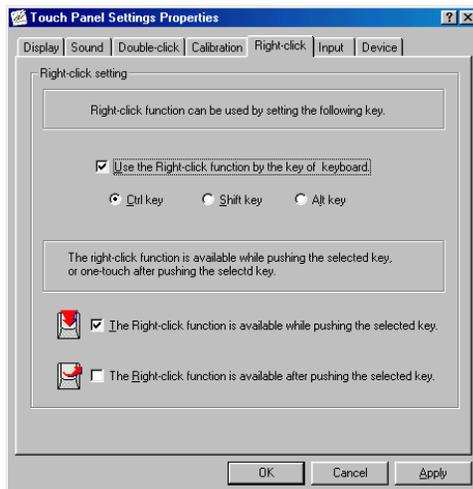
### 3. Double-click Tab

- a. Ability to adjust the width, height, and double-click speed. **The width and height screens should be set to the center to promote better performance of the double-touch operation.**



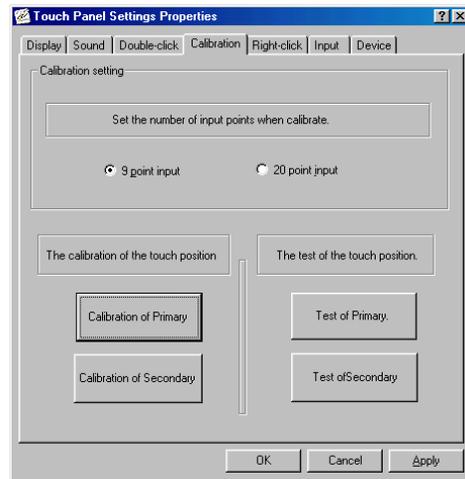
### 4. Right-click

- a. A right click option can be enabled to allow extended functions for the touch screen.



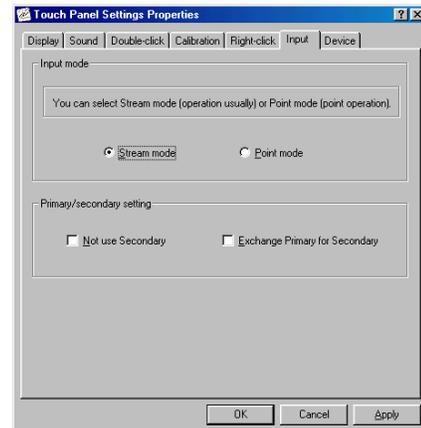
### 5. Calibration

- a. Ability to calibrate the screen using 9 and 20 points.
- b. Ability to calibrate and test both primary and secondary screens.
- c. (Calibration procedure is located at the end of this section)



### 6. Input/ Device

- a. The Input screen allows the touch mode to be switched between point and stream. It also has the ability to switch the primary and secondary touch panels. The Device tab simply displays the operation of the touch panels.



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### D. Calibrating the Touch Screen

1. In the touch control panel select the Calibration tab. Select 9 or 20 point calibration and click [Calibration of Primary] or [Calibration of Secondary] depending on what screen is to be calibrated. The following screen will appear on the screen that is being calibrated.



2. Using a blunt stylus or a finger touch the screen at the calibration points (red crosses) as they progress through the different points on the screen. When finished going through all the different positions (9 or 20 points), a window will open asking if you wish to end calibration. If satisfied with the calibration operation click [Yes] and then ok, or if not click [No] and recalibrate the screen.

3. The touch screen can also be tested after calibrated. To do this click on [Test of Primary] or [Test of Secondary]. A screen similar to the calibration screen will display. This screen can be used to determine the accuracy of the calibration performed. To calibrate the screen hit the Home key. To end the operation hit the Enter key.

4. The touchscreen should only be calibrated the first time it is installed and if the alignment is not correct. Otherwise the touch operation should not be something that degrades over time. There is no preventative maintenance requirement for calibration.