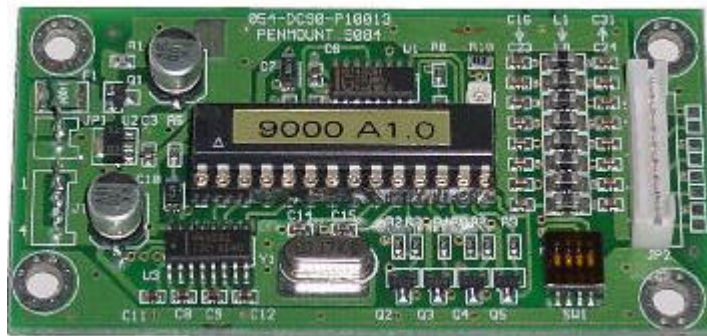


## PenMount 9084 Setup and Users Manu

### [DMC9000 For Windows98/Me V2.1](#)



PenMount 9084 control board is the new control board from Salt, its touch screen controller is DMC9000 that interfaces analog resistive touch screens to a personal computer through its COM port. PenMount 9084 control board is designed to have a small mechanical size in order to be located inside the system easily. Together with PenMount driver counterparts on various, PenMount 9084 control board becomes the most popular touch screen solution worldwide. It's designed to have LED one board to show the touch status and also bundled with three interface cables, customer only needs to power in 5V to 12V DC power to the board, and via RS-232 interface to computer system, PenMount touch screen solution is in your hand.

Resolution: 10 bit (1024\*1024)

PenMount 9084 Control Board Features:

Design for best touch performance and easy configuration

Design for best cost arrangement

Supporting 1024\*1024 pen device resolution

Built-in 10-bit A/D converter inside the DMC9000

Fast conversion and transmission, 19200 baud rate fixed

Upgraded noise handling mechanism (3 level scheme)

Fixed and high speed sampling rate

4-wire and 8-wire touch screen supported

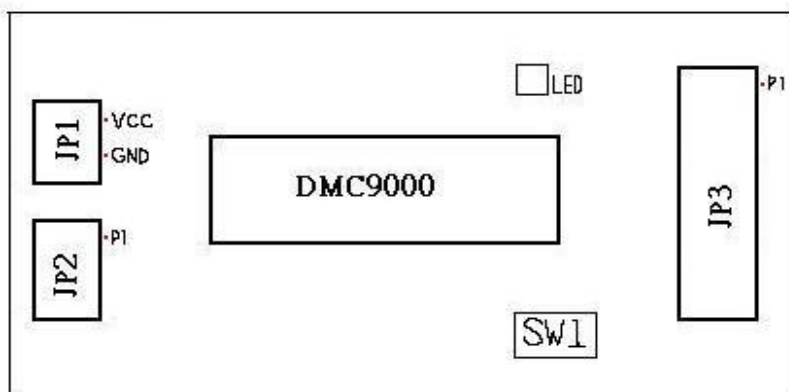
RS-232 interface supported

5V to 12V power input

Power protection fuse to protect the circuit

Touch activated indication LED on board

## ***PenMount 9084 Control Board Description***



*JP1:*

*Power cable: 5V to 12V DC power*

*JP2:*

*RS-232 cable connector: PIN1: RTS*

*PIN2: TXD*

*PIN3: RXD*

*PIN4: GND*

*JP3: Touch Screen cable, for 4-wire or 8-wire touch screen*

*SW1: always set at "ON" for 4-wire or 8-wire touch panel*

## ***PenMount 9084 Control Board Hardware Installation***

1. Connect the RS-232 cable to JP2 on the control board.
2. Connect the RS-232 cable's DB-9 female connector to a nine pin serial COM port on the back of the computer.
3. Connect the touch screen to the controller using one of the controller interconnect cables (4-wire or 8-wire).
4. Connect the DC power cable to JP1. (5V to 12V)

## ***PENMOUNT WINDOWS 98/ME DRIVER INSTALLATION***

PenMount Windows98/Me driver supports Windows 98/Me system. PenMount Windows 98/Me driver file detailed contents is list below:

|                    |                    |
|--------------------|--------------------|
| <b>_INST32I.EX</b> | <b>SETUP.EXE</b>   |
| <b>_ISDEL.EXE</b>  | <b>OS.DAT</b>      |
| <b>LANG.DAT</b>    | <b>_SETUP.DLL</b>  |
| <b>SETUP.INS</b>   | <b>DATA.TAG</b>    |
| <b>SETUP.INI</b>   | <b>_SYS1.HDR</b>   |
| <b>_SYS1.CAB</b>   | <b>_USER1.HDR</b>  |
| <b>_USER1.CAB</b>  | <b>SETUP.LID</b>   |
| <b>SETUP.BMP</b>   | <b>DATA1.HDR</b>   |
| <b>DATA1.CAB</b>   | <b>LAYOUT.BIN</b>  |
| <b>DMC9000.INF</b> | <b>DMC9000.VXD</b> |
| <b>README.TXT</b>  |                    |

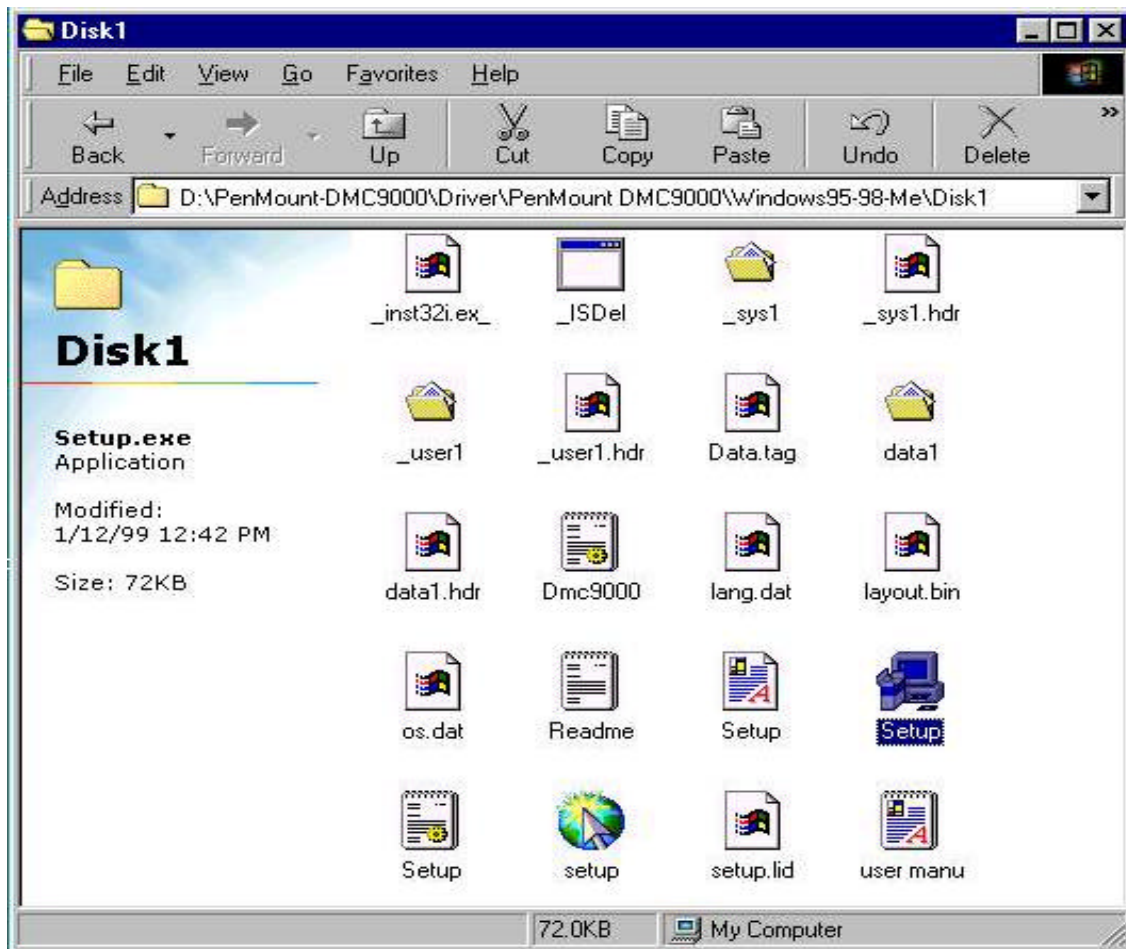
To install the software to your computer, you must have Windows 98 or Windows Me system running and a PenMount Windows 98/Me driver. If you have an older version PenMount Windows 98 driver installed in your system, remove it first.

Follow up below steps to install the PenMount Windows 98/Me driver:

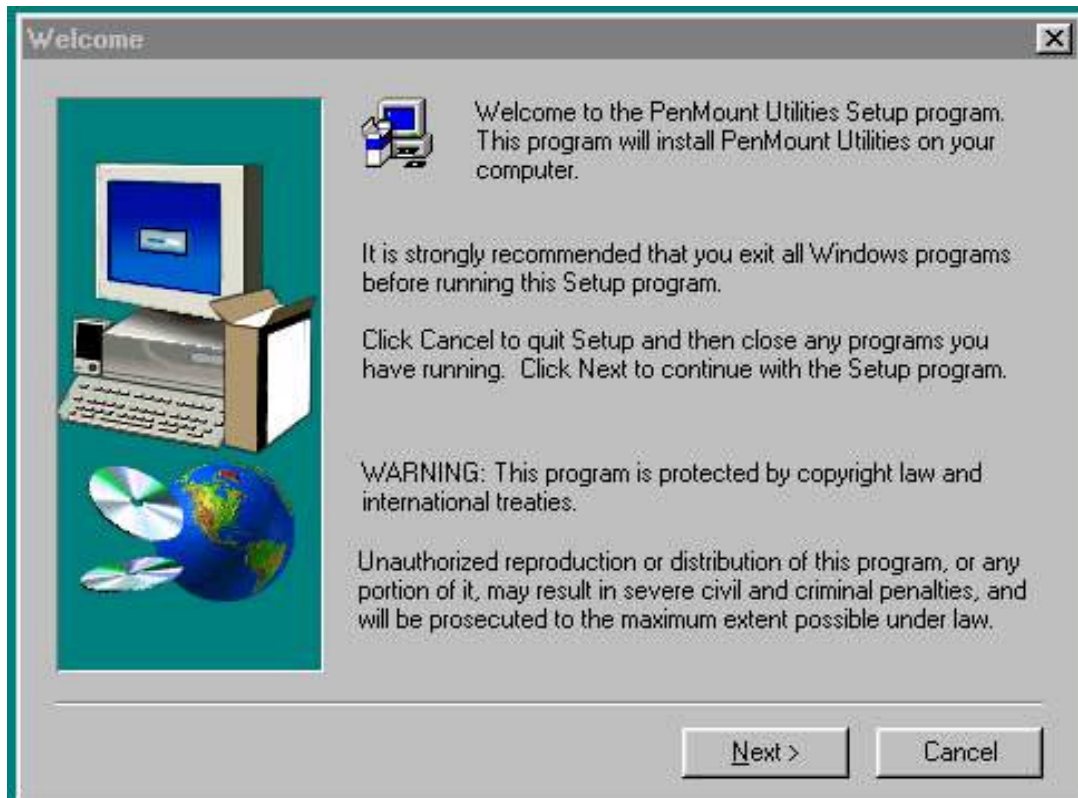
1. You will find out "Unknown Device" when start the system, please choose "Cancel"



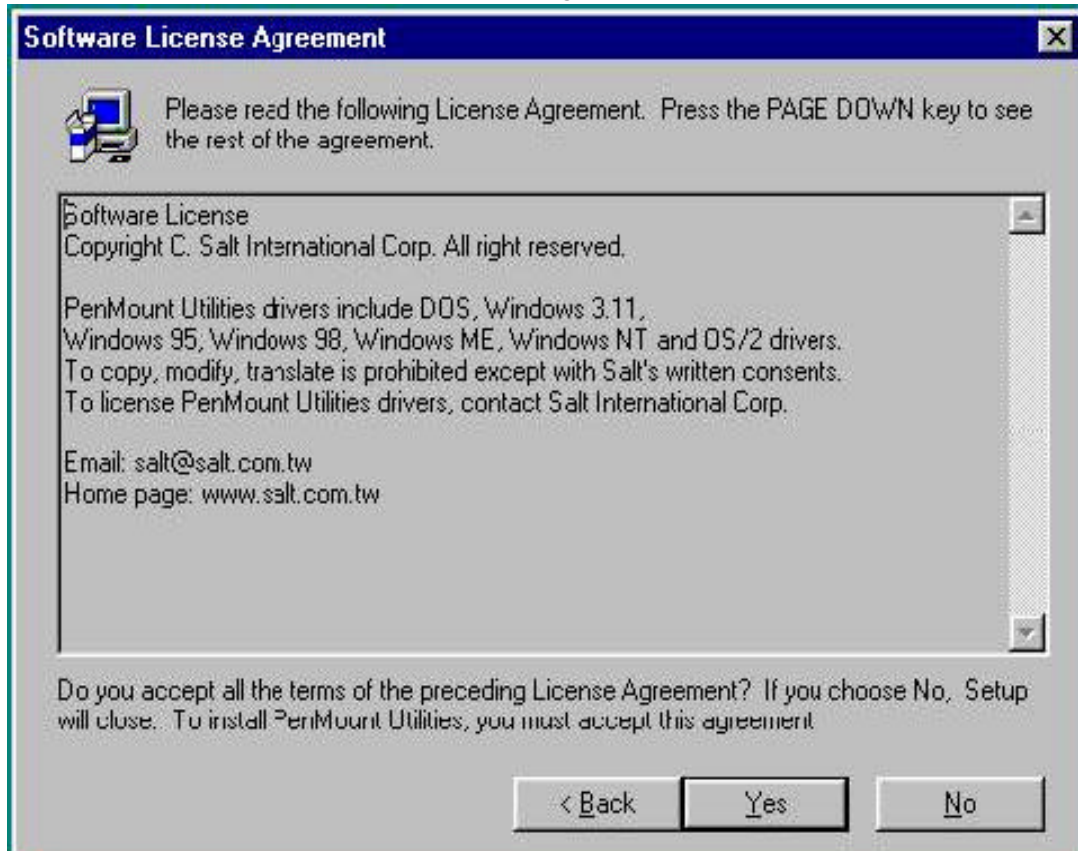
2. Select CD-ROM "PenMount DMC9000\Driver\PenMount DMC9000\Windows98-Me\Disk1" to install PenMount windows 98/Me driver to system



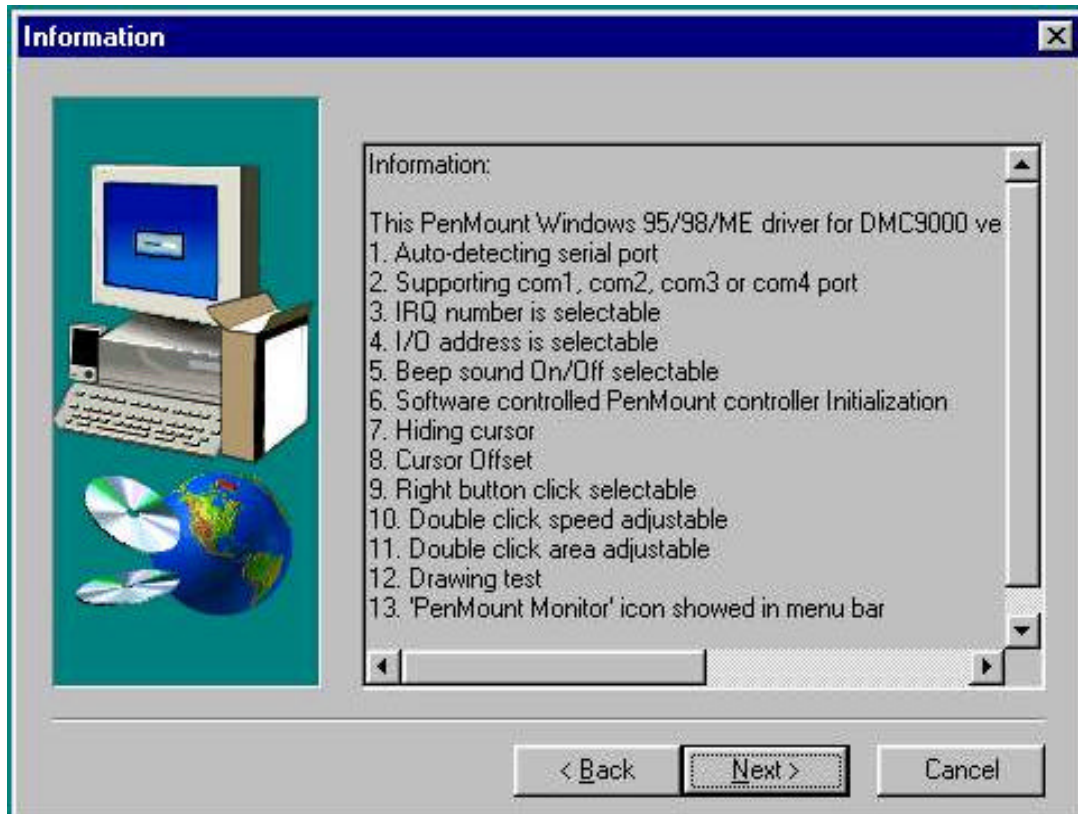
3.The screen displays PenMount logo, copying "installation wizard" and ' PenMount Utilities" screen plus "welcome" message appears. Select "Next".



4.The next screens are "Software License Agreement", select "Yes" .



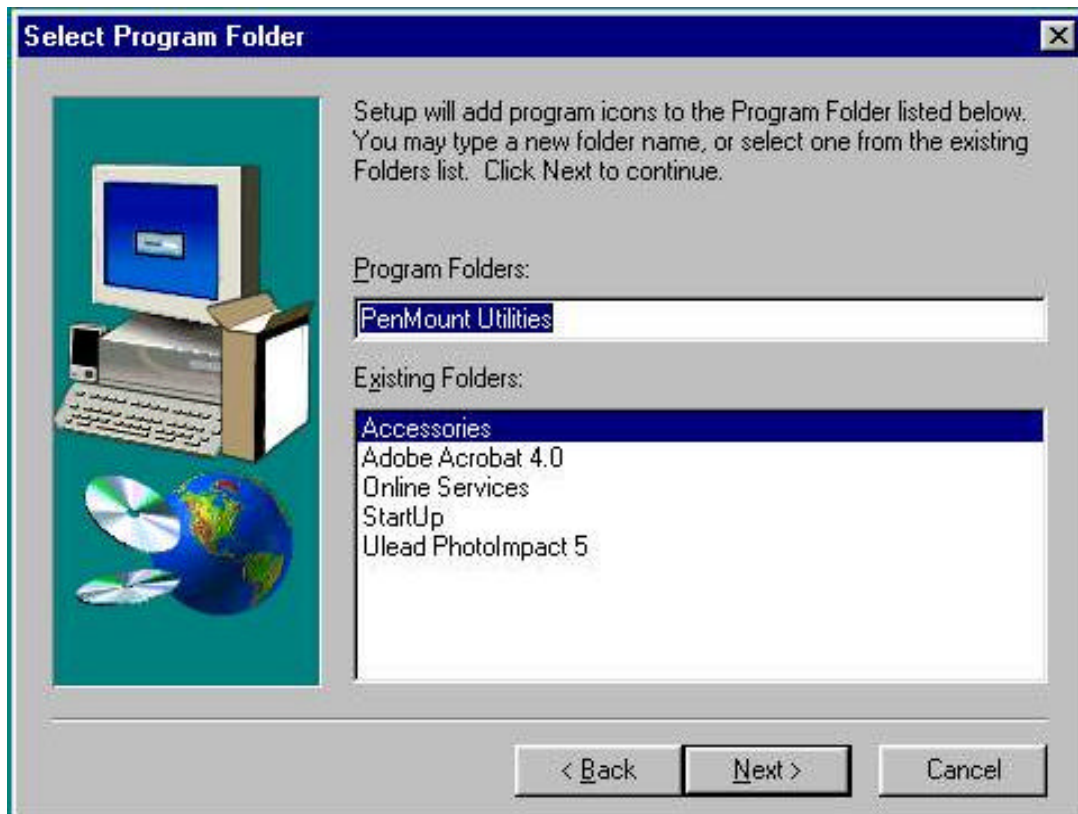
5. The next screens are "Information" , select "Next".



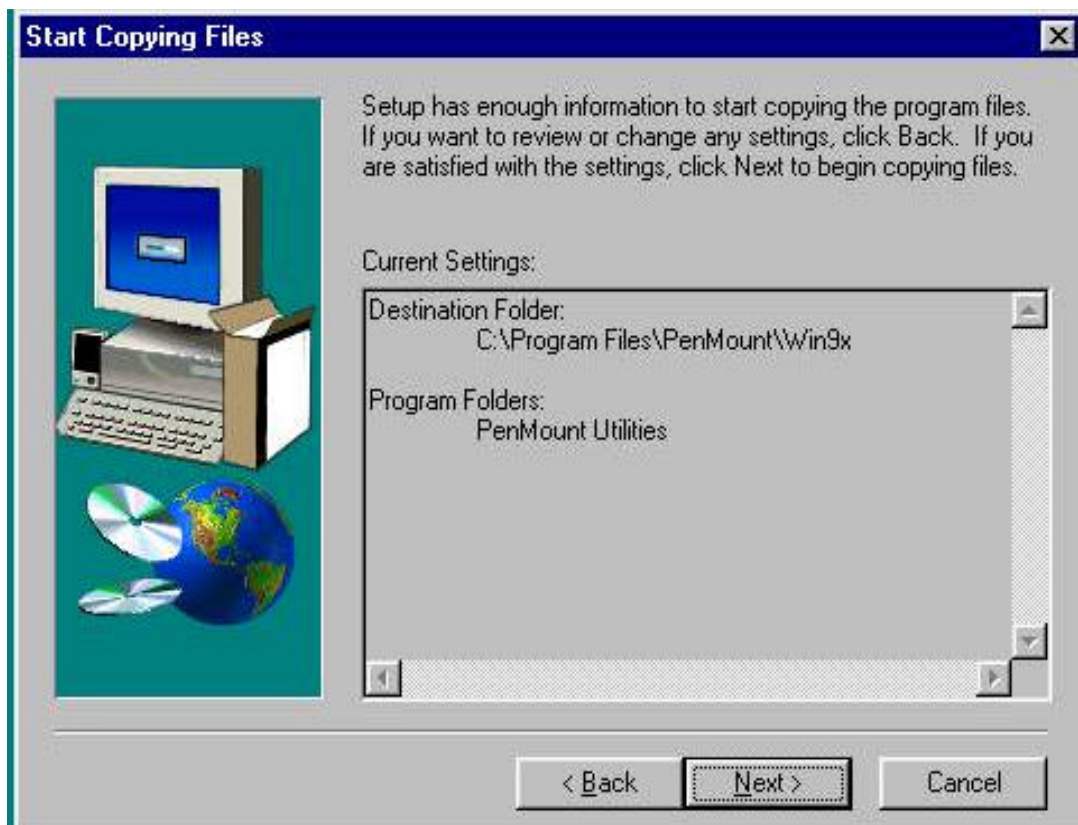
6. The next screen is "Choose Destination Location". It is for Setup installing PenMount Utilities in the folder: C:\Program Files\PenMount\Win9x, select "Next" or modify the folder name you like to use.



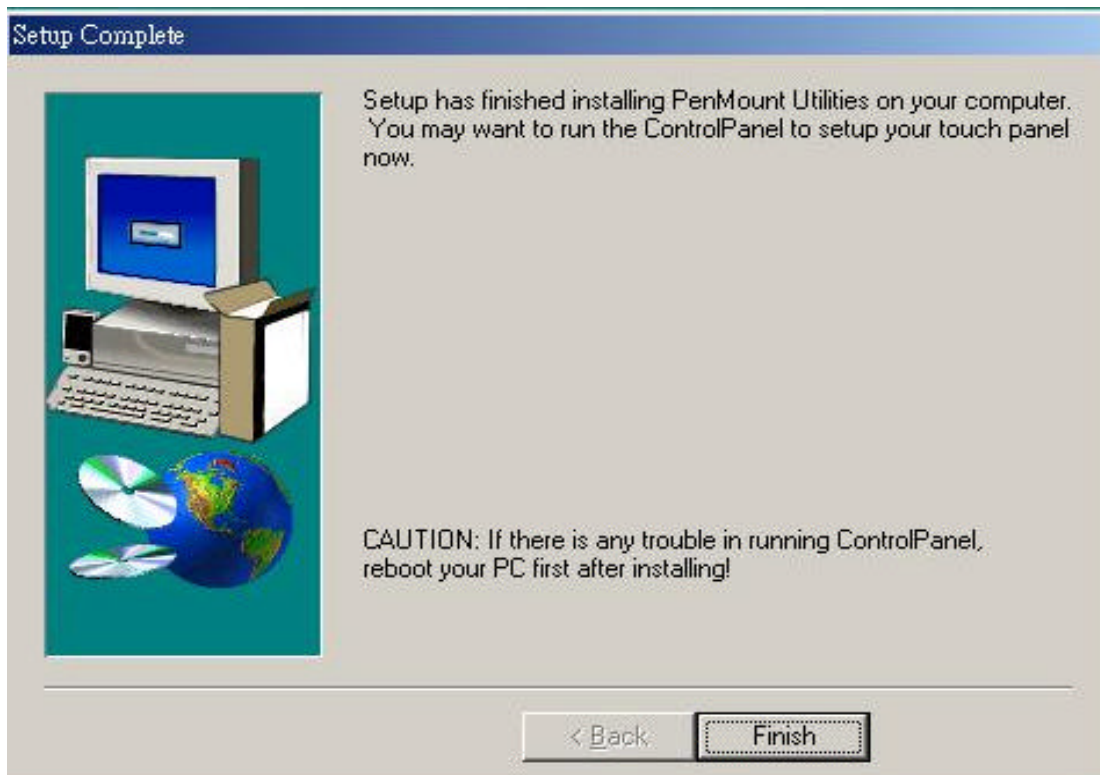
7. The next screen is "Select Program Folder", the default is set at "PenMount Utilities", select "Next" or change it.



8. The screen is showing "Start Copying Files", select "Next" for starting copy files to system.



9. The screen is show, "Setup Complete", select "Finish".



10. The screen now is| "Restarting Windows", select "Yes I want to restart my computer now", and "OK"



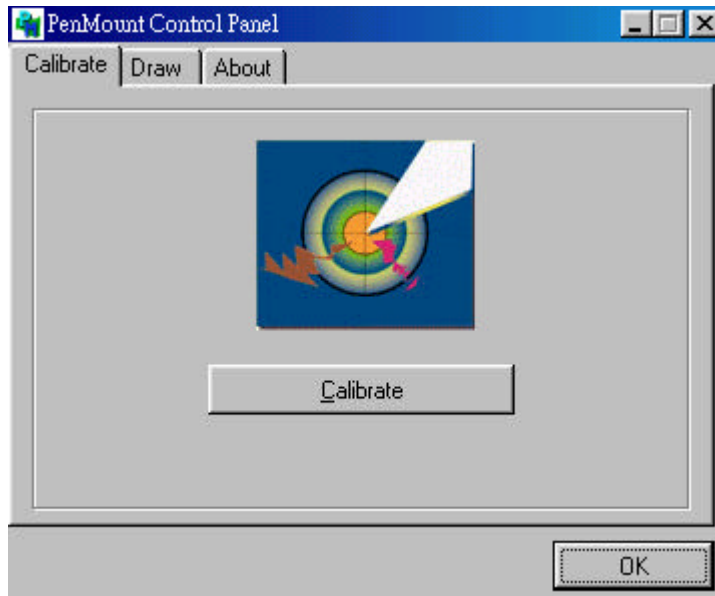
## **PenMount Windows 98/ME Driver Functions**

### **A. PenMount control Panel**

There are several functions on this configure:

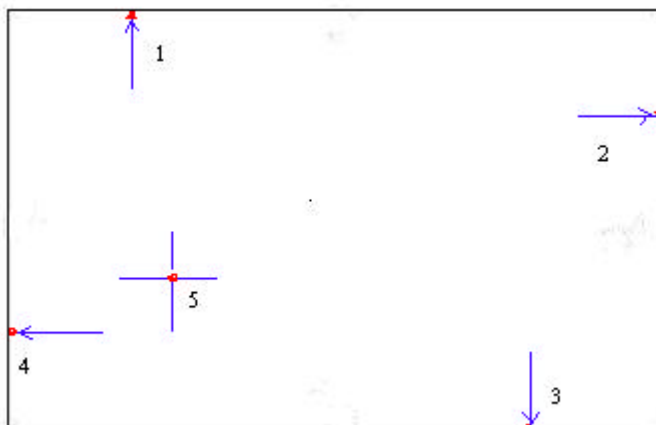
#### **Calibrate**

"Initial" and "Calibration" function is available here.



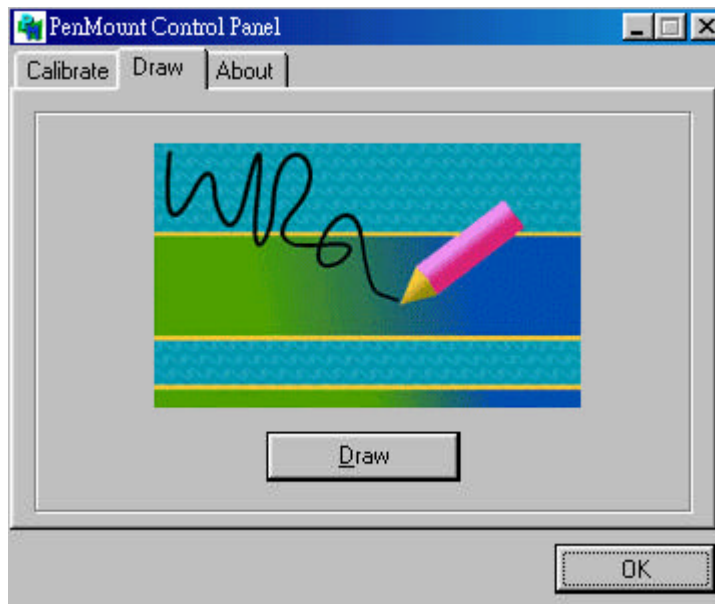
#### **Calibration:**

To adjust the display with touch panel, click "Calibration" and follow the calibrate point to do calibration, there are five points on screen for calibration.



## **Draw**

Test or demonstrate PenMount touch screen operation, also the touch location is shown on the display, touch "DRAW" to start.



## **About**

It shows information about PenMount controller and this driver version.



## **B. PenMount monitor**

The "PenMount monitor" icon, see below the icon picture, will be shown in the menu bar of Windows 95/98/Me system when turn on "PenMount Monitor" from "PenMount Utilities".

There are several functions on PenMount monitor:



### **Right Click Button:**

When select this function, there is a mouse icon shown in the right-bottom place of screen. It shows 'left button' being as default for normal use, touch this mouse icon to change the next touch to be 'Right Button' function. After one touch, the mouse icon will change to 'Left Button' automatically. If user needs to use right button again, user has to touch the mouse icon again for changing the button function.

### **Beep Sound:**

On or off beep sound.

### **Exit:**

Close the PenMount Monitor function.

For double click speed, user could adjust from 'Start', select 'Control Panel' and select 'Mouse' to modify the double click speed.

## **C. How to uninstall PenMount Windows 98/ME driver**

Before you uninstall PenMount Windows98/Me driver, please 'EXIT' the 'PenMount monitor' in menu bar first.

From 'PenMount Utilities' of 'Programs', select 'Uninstall' utility, computer will ask you "are you sure you want to completely remove 'PenMount Utilities' and all its components"? Select 'Yes' to remove PenMount Windows98/Me driver.