

Touch Tool user manual for Windows 9x/2k/XP

Version: 1.05

This touch panel controller provides the optimum performance of analog resistive touch panels for 5 wire models. It communicates with PC system directly through RS232 connector. User can see how superior the design is in sensitivity, accuracy and friendly operation. The touch panel driver emulates mouse left and right button function and currently supports operation systems including Microsoft Windows 95/98/ME/2000/NT/XP/XP. This controller is also compatible with third party software such as ELO supporting most of operation systems.

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Chapter 1. Features

Features				
Calibration	Fast full oriental 9 points position			
Draw Test	Position and linearity verification			
Mouse Emulator	 Right / Left button emulation Cursor visibility – Show/Hide Normal / Click on touch / Click on release mode 			
Sound Notification	 No sound – Beep Enable Frequency adjustment Duration adjustment 			
Double Click	 Configurable double click speed Configurable double click area 			
OS support	1. Windows95/98/ME/NT4/2000/XP/WindowsXP Tablet PC Edition			
Note: The driver supporting Win 9x/2k/XP is available now, but this controller is compatible with third party software supporting all operation systems.	 Windows CE 2.12, 3.0, .NET Linux (X Window Version: 3, 4 Red Hat 6.0 ~ 8.0 Mandrake 5.0 ~ 9.0) MS-DOS: Support display resolution: 320x200, 640x200, 640x350, 640x480, 800x600, 1024x768 and 1280x1024 			

Chapter 2. Installing and using Touch Tool

Touch Tool is software, which contains driver of the touch panel controller for the specified communication connectors, RS232.

Follow these steps to install Touch Tool.

- 1. Insert the *Touch Tool* CD to CD-ROM.
- 2. Change directory to Windows 9x,2k,XP
- 3. Double click the **TouchTool.exe**, then windows starts to run the installation program.
- 4. Just click **[Next >]** button to continue installation.



5. License Agreement

Just click **[Yes]** button if you agree.

InstallShield Wizard	X
License Agreement Please read the following license agreement carefully.	
Press the PAGE DOWN key to see the rest of the agreement.	
License Agreement IMPORTANT READ CAREFULLY: This inotouch technology End-User License Agreement ("EULA") is a legal agreement between you (either an individual or a single entity) and inotouch technology for the software portion of this inotouch technology touch screen and controller or touch monitor, which includes the accompanying computer software, printed materials and any "online" or electronic documentation ("SOFTWARE"). By installing, copying or otherwise using the SOFTWARE, you agree to be bound by the	
Do you accept all the terms of the preceding License Agreement? If you choose No, the setup will close. To install TouchMan, you must accept this agreement.	
InstallShield	

Select the appropriate folder where set-up files will be installed. Then click
 [Next >] to continue installation.

InstallShield Wizard		×
Choose Destination Location	and the second s	
Select folder where Setup will install files.		
Setup will install TouchMan in the following folde	er.	
To install to this folder, click Next. To install to a another folder.	different folder, click Browse and select	
Destination Folder		
C:\Program Files\TouchMan	B <u>r</u> owse	
InstallShield		
	< <u>B</u> ack <u>Next></u> Cancel	

8. Then type in the name of program folder for *Touch Tool* or click [Next >] to continue. There will be a default name for it.

Select Program Folder		
Please select a program folder.		- mark
Setup will add program icons to the Progra name, or select one from the existing folde	am Folder listed below. You ers list, Click Next to contin	u may type a new folder ue.
Program Folders:		
TouchMan		
Existing Folders:		
Accessories Administrative Tools Games Startup		
stallShield	< <u>B</u> ack [Next > Cancel

The following figure shows that TouchTool Setup performs the requested operations.

InstallShield Wizard	×
Setup Status	
TouchMan Setup is performing the requested operations.	
0%	
,	
InstaliShield	
	Cancel

Windows is copying files to disk and the setup is complete.

Restarting Windows		
Setup has finished copying files to your computer. Before you can use the program, you must restart your computer.		
Choose one of the following options and click OK to finish setup.		
 Yes, I want to restart my computer now. No, I will restart my computer later. 		
ОК		

9. Setup is complete.

a. Select a COM port which you need to use and then click [Apply] button.



Chapter 3. Configuration Utility and Right Button Emulator

There are three property pages in *Touch Tool* utility, and they are Calibration, Setting and Advanced. Each property page contains different functions for users to do the adjustments. Therefore, users can easily manage all the *Touch Tool* controllers through *Touch Tool* Utility.



1. Calibration

<9 points Calibration>

Correct 9 point locations on screen with the panel.



Touch the blinking symbol on panel until stop blinking.

2. Setting

There are two functional groups in Setting property page, Setting A and Setting B.

Setting A: Mouse button emulation, Double Click , Sound Setting

a. Mouse button emulation

The **Mouse Mode** provides user different operating options. They are as follows:

Fast	Slow	⊢ Mouse button emul. –	Mouse button emulation opt
Click Zone2		Show/Hide	
Frequency Low	High	Beep Enable	

Press [Show/Hide] button to get a mouse icon, which shows up a small rectangular box on the right bottom corner of the desktop.

The [Show/Hide] button will show or hide the mouse icon by pressing.

Change right / left button by pressing the small rectangular box of Touch Tray.

b. The Sound options provide user the click feedback while touching the panel. Select preferred option first.

	Setting A Setting B	×
	Double Click Speed Fast Slow Test Window >> Slow	
	Click Zone2	
	Frequency Low Duration	
Sound options	Short — Long	
	OK Cancel Apply Help	

<No Sound>

Users could choose to make no sound by pressing [Beep Enable] button.

<Frequency>

Sound frequency, drag the cursor from left to right is low to high.

<Duration>

Sound duration, drag the cursor from left to right is short to long.

c. The Double Click adjustment provides user to set up the tolerance while double pressing. They are as follows:

		×
	Setting A Setting B	
Double Click _ Adjustment	Double Click Speed Fast	
	Frequency Beep Enable Low High Duration Short Long OK	
	OK Cancel Apply Help	

<Double Click Speed>

Double Click Speed is the double click response time for Windows system. User can adjust the proper double click by dragging the cursor from left to right.

<Double Click Area>

Each one touch has its own touch tolerance once someone may not fix in one point. User can adjust to tolerate the smaller or larger touch point movement while pressing [Click Zone2] button. The rectangle box will be smaller or larger to show the double click area.

Setting B.Touch mode setting – Normal, Click on touch, Click on release

There are three kinds of mouse mode user could choose,

[Normal Mode]

It provides all the mouse functions, including the dragging function.

[Click on Touch]

Click action is executed as soon as user touches the panel.

[Click on Release]

Click action will not be executed until finger leaves the panel.

			×
Setting	A Setting B		
	ouch mode setting		
	Normal	Provides general mouse functions, including the dragging function.	
	Click on touch	Click action is executed as soon as user touches the touchscreen.	
	Click on release	Click action is executed as soon as user's touch leaves the touchscreen.	
		1	
	OK.	Cancel <u>Apply</u> Help	

3. Advanced

This **Advanced** option provides user the touch sensitivity and the cursor stabilization while touching the panel.

- a. Drag the cursor from left to right to get touch pressure lower or higher and then press [Apply] button.
- b. Drag the cursor from left to right to get proper cursor stabilization and then press [Apply] button.

These four options are a combination of co-related controls for users to choose to get high or low touch pressure with cursor stabilization.

This is defaulted to set up optimized touch sensitivity and cursor stabilization. We suggest that you keep the condition defaulted.

After you adjust them and want to go back to set up the original conditions, press [Default] button.

Advanced	×
Touch Sensitivity	1
Pressure: 705	Apply
DownCount: 3	Default
UpCount: 7	
Stabilization Delay: 360	ОК

Follow these steps to uninstall Touch Tool.

1. Go to Start / Programs / Touch Tool / Uninstall, and execute it.



 Touch Tool Setup Maintenance program appears, and select Remove. Then click [Next >] to continue uninstallation.

InstallShield Wizard	×
Welcome Modify, repair, or remove the program.	
Welcome to the TouchMan Setup Maintenance program. This program lets current installation. Click one of the options below.	you modify the
C Modify	
Select new program components to add or select currently ins components to remove.	talled
Repair Reinstall all program components installed by the previous set	up.
Eemove Remove all installed components. InstallShield	
< <u>Back</u> <u>N</u> ext >	Cancel

3. Confirm dialog, click **[OK]** to start un-installation; **[Cancel]** to cancel un-installation.

Confirm Uninstall	X
Do you want to completely remove the sel	ected application and all of its components?
(OK)	Cancel

4. Start to uninstall Touch Tool.

InstallShield Wizard Setun Status	X
TouchMan Setup is performing the requested operations.	
0%	
InstallShield	
	Cancel

If user does not want to uninstall *Touch Tool* at this moment, click **[Cancel]** to terminate the uninstall process.

5. *Touch Tool* will not be removed until system re-boot. Click **[Yes]** to re-boot immediately or **[No]** to re-boot later.

