

1. USB-XD controller (Win Vista, XP, 2000, ME, 98, Mac 9.2.2-10.4.x, Linux.)

If there is a previous Magic Touch driver or other touch screen's driver installed in your system, **uninstall them first**.

All Windows and Linux drivers are included on one CD, and can be downloaded at www.magictouch.com/support_usb_xd.html. Windows 2000 and XP Multi Monitor setup and examples are under the folder MultiMonitor 2K-XP. Mac driver CD is included only if you have ordered Mac version (USB-M or USB-WM).

Mac user: please see **Sec. 1.3.** for instructions

Linux user: please see readme file in Linux folder for setup instructions.

1.1. For Windows: (Must logon with administrator's password for Vista/XP/2000)

1.1.1. Insert the setup CD. The setup window will display on the desktop. Click to select USB controller. Then click Install. (Vista may require your permission to allow setup to run.) **Note:** *If setup window does not open, the CD-Rom's autorun may be disabled. Click START\RUN to run the setup from the driver CD.*

1.1.2. For **Win XP & 2000:** When the system prompts "please plug in the Magic Touch USB to USB port", **plug in the controller**. After Windows has found the new hardware, click OK to continue.

1.1.3. When "must reboot Windows to complete the installation" shows, click OK to reboot. (For **Win 98 & ME**, **plug in the controller after reboot.**)

1.1.4. After Windows is rebooted, two new icons are created on desktop.



Touch USB



Swap Button

1.1.5. Double click Touch USB icon to open touch control panel.

1.1.6. Click the Calibration button, choose either 5 or 25 point calibration and click 'GO!' To calibrate, touch and hold the center of each circle for a full second before lifting your finger. The circle will then progress to the next one until all 5 or 25 have been touched. Use the stylus to perform calibration for better accuracy.

1.1.7. Repeat the calibration if necessary. Click OK to close the window.

1.1.8. See **8. Settings and Options**.

1.2. Alternative Installation for Windows Vista

1.2.1. You can install Magic Touch driver on Vista following the steps in **1.1.** or you can use Vista's embedded tablet driver, but you cannot use both drivers simultaneously. If you wish to use Vista's driver, do not install Magic Touch driver, or uninstall if you have already installed it.

1.2.2. Plug the Magictouch controller into a port on your computer. If your controller is a USB model, then Windows will detect it automatically. USB devices can be plugged in either while machine is shutdown or while it is running. If your controller is a serial ProE model, then plug in the device while the computer is shutdown. Windows will detect the controller automatically upon boot-up.

1.2.3. Windows will install the driver quickly and without input from you. After the driver is installed, the touch screen should react to your touch...though not accurately yet. To calibrate the screen, follow the instructions below:

1.2.3.1. Go to Start > All Programs > Accessories and click on Windows Explorer.

- 1.2.3.2. In the left window panel, scroll down and click on 'Computer.' Folders and files should appear in the right window panel.
- 1.2.3.3. In the right panel, scroll down and double-click on 'Windows.'
- 1.2.3.4. In the right panel, scroll down and double-click on 'System32.'
- 1.2.3.5. In the right panel, scroll way down and right-click on 'tabcal.' (might show tabcal.exe)
- 1.2.3.6. From right-click menu, select 'Create Shortcut.'
- 1.2.3.7. Windows will display a message saying that a shortcut cannot be placed there, and will ask whether Windows can place the shortcut on the desktop. Select 'yes.'
- 1.2.3.8. Close 'Windows Explorer.'
- 1.2.3.9. On your desktop, locate tabcal.exe and right-click on it.
- 1.2.3.10. On the right-click menu, select 'Properties.'
- 1.2.3.11. In the Properties window, there will be a property called 'Target' with a box after it with the words "C:\Windows\System32\tabcal.exe" written in it.
- 1.2.3.12. Click in the box and put your cursor at the end of the text (after tabcal.exe). Make sure that the words are not highlighted.
- 1.2.3.13. Push the space bar on your keyboard once to put a space after tabcal.exe.
- 1.2.3.14. After the space, type NoValidate. Make sure that the 'N' and the 'V' are capitalized, and that there is no space between 'No' and 'Validate.'

To calibrate, you can click on the tabcal shortcut on the desktop to launch the calibration utility. Use the stylus supplied to perform calibration for better accuracy.

1.3. For Macintosh with USB port (a quick guide file is included in the CD)

Plug in the controller to USB port and plug in the touch screen cable to controller.

- 1.3.1. Insert the installer CD. Double click to open the Magic Touch CD icon.
- 1.3.2. There are 4 folders for OS 9.2.x, 10.1.x, 10.2.x, 10.3.x and 10.4x.
- 1.3.3. Open the folder that matches your OS version. (see Apple->About this Mac)
- 1.3.4. Double-click MagicTouch.icon to run installation. If a LOCK icon appears on the lower-left corner, click and type in the administrator's password.
- 1.3.5. After installation is completed, restart the computer.
- 1.3.6. Calibrate the screen: For OS 10.x, click Go\Application\Magic Touch Utility\Magic Touch. For OS 9.x, click Apple\Control Panel\Magic Touch Utility\Magic Touch. Before entering the calibration screen, you will be prompted for "lift-off" mode selection. (This appears as a checkbox in OS X) In lift-off mode the mouse click is activated when touch is lifted from the screen. Please see quick guide for details. Once the selection is made, the calibration screen is shown. (OS X: Press calibrate) Touch the centers of the 3 Xs with stylus provided (for better accuracy) to complete the calibration. Check the accuracy, repeat if necessary. Press cancel to exit.

Note: Although the Windows driver CD is normally not included with the touch screen sold as Mac version, the user can download all Windows and Linux driver at www.magictouch.com/support_usb_xd.html for free.

2. ProE-X Controller (for Win Vista, XP/x64, 2000, ME, 98, 95, NT4.0, Linux.)

If there is a previous Magic Touch driver or other touch screen's driver installed in your system, **uninstall them first**.

All Windows and Linux drivers are included on one CD, and can be downloaded at www.magictouch.com/support_proe_x.html. For **NT 4.0 & Linux user**: please see readme file for setup instructions.

Note: MUST logon with administrator's password for Vista, XP, 2000 & NT 4.0.

2.1. Insert the setup CD. The setup window will display on the desktop. Click to select ProE controller. Then click Install. (Vista may require your permission to allow setup to run.) **Note:** If setup window does not open, the CD Rom's autorun may be disabled. Click START\RUN to run the setup from the driver CD.

2.2. When "must reboot Windows to complete the installation" shows, **plug in the ProE controller to a "free" Com port***, click OK to reboot. *Free Com port means there is no other device configured to use this Com port.

2.3. **Win XP/2000:** After reboot, the Detect New Hardware Wizard opens. Click next and continue anyway at Digital Signature prompt.

2.4. Two new icons are created on desktop.



Touch RS232



Swap Button

2.5. Double click TouchRS232 to open touch control panel.

2.6. Click the Calibration button, choose either 5 or 25 point calibration then click 'GO!' Touch and hold the center of each circle for a full second to complete the calibration. Use the stylus for better accuracy. Repeat the calibration if necessary. Click OK to close.

2.7. To use Vista's embedded driver, please refer to 6.2.3.

3. Settings and Options of Magic Touch Control Panel (Windows version):

3.1. **Mouse speed:** Control the tracking speed of mouse cursor.

3.2. **Double click speed:** Control the time interval between two clicks to activate a double click. Slow speed makes double click easier. Test the double click by tapping the K logo twice. If successful, the logo rotates.

3.3. **Lift Off:** When this option is enabled, the click is activated when touch is lifted away from the touch screen. **This mode is very useful for clicking hyperlinks, such as Internet browser, or programs that use "mouse-over" function.**

However, it is impossible to drag or draw in this mode. (*available in Mac version*)

3.4. **Beep:** Enable/disable an audible beep when a touch is sensed. Customize the beep's pitch and duration under 'Beep Options.'

3.5. **Move only:** Touching and dragging moves the mouse cursor without performing a click. This is only for an optional **click pen** (currently unavailable).

3.6. **Hide cursor:** Makes the cursor invisible (preferred for some applications).

3.7. **Uninstall:** Click to uninstall the driver. Correct password needed. (**magictouch** is the default password).

3.8. **Default setting:** Return the speeds and options to the original settings.

4. Touch screen functions:

4.1. Screen touched = left mouse button clicked

4.2. Touch down and drag = left mouse button held down and dragged

4.3. Tap twice = left mouse button double clicked

4.4. Swap Button: Select 'once' to right-click on next touch only, or 'always' to right-click on every touch. Select minimize to reduce to system tray as a shortcut!

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