

Double Clicks Recognized in Windows when using ELI – A Registry Fix

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1.0 Introduction

When you use Microsoft Windows, the OS uses Double Clicks to initiate a number of actions like opening an icon on the desktop. When using an ELI with a standard setup of Microsoft Windows, most of the time Double Clicks from ELI are not detected within Windows. This is because Windows is configured to recognize Double Clicks only when they occur very close to each other. When hovering your hand over an ELI touch screen, it is VERY difficult to touch as close as default Windows requires.

Windows, by default, is set to recognize a Double Click as two successive mouse clicks that occur within a set period and within 4 pixels of each other. Even with a stylus and keeping your hand still it is very difficult to get Windows to register a Double Click using an ELI system.

But, by editing two registry settings we can increase the acceptable distance between two successive clicks thereby resulting in two ELI touches being recognized by Windows as a Double Click. Issue solved.

This document details how to update the two registry entries in Microsoft Windows.

2.0 Affected Hardware

- ELI43-CR/ELI43-CP
- ELI101-CPW

3.0 Required Hardware

- Computer running Windows
- Affected ELI unit
- Mouse
- Keyboard

4.0 Required Software

- Microsoft Windows



5.0 Configuration

5.1 Configuring Windows to recognize ELI Double Clicks:

1. Click on the start menu and type “regedit”

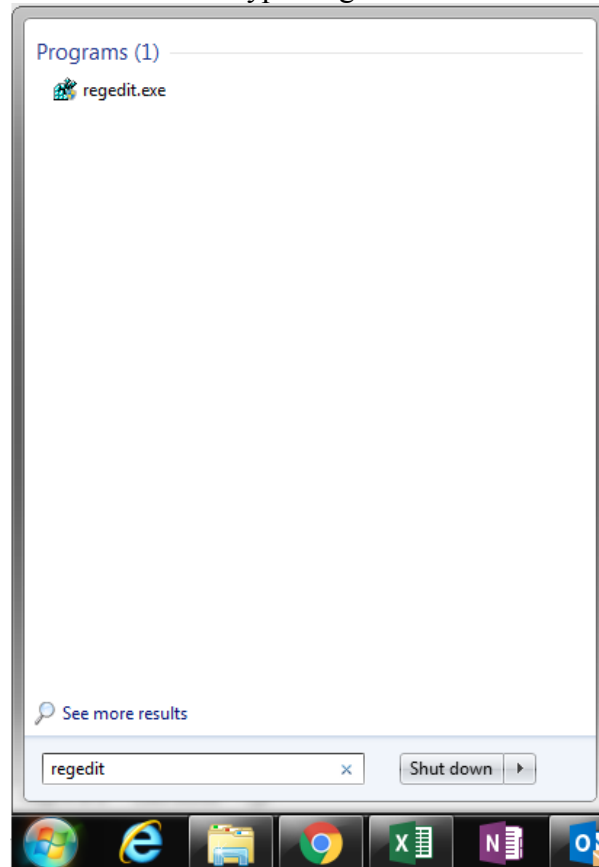


Figure 1 - Searching for regedit

2. Click “regedit.exe” when it appears under “Programs”
 - If Windows asks if you want to allow regedit to make modifications to your computer, click <Yes>.
3. Once the Registry Editor opens, click the arrow beside “HKEY_CURRENT_USER” to expand it.
4. Click the arrow beside “Control Panel”
5. Finally, click “Mouse” to show the mouse registry settings.

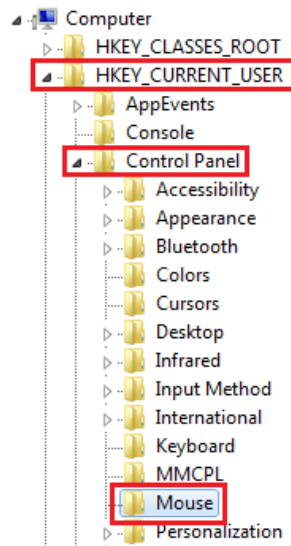


Figure 2 - Navigating to Mouse Registry Settings

6. Now, modify the values for “DoubleClickHeight” and “DoubleClickWidth” to expand the acceptable distance between two successive taps on the ELI touchscreen.
 - a. Make the following changes by double clicking on the “Name” field for the registry you want to modify:
 - i. DoubleClickHeight = 32
 - ii. DoubleClickWidth = 32
 - b. Note: These values can be higher or lower depending on your preference. We used 32 in this procedure.

Name	Type	Data
(Default)	REG_SZ	(value not set)
ActiveWindowTracking	REG_DWORD	0x00000000 (0)
Beep	REG_SZ	No
DoubleClickHeight	REG_SZ	32
DoubleClickSpeed	REG_SZ	500
DoubleClickWidth	REG_SZ	32
ExtendedSounds	REG_SZ	No

Figure 3 - Modifying the Mouse Registry Settings

7. Once the registries have been modified, close the Registry Editor.
8. Restart Windows.
9. Upon reboot, your new settings will take effect and you should find double clicking to be much easier.



6.0 Support

6.1 Where to Get Help

Online technical support is available at <http://www.teamfdi.com/support/>.

6.2 Useful Links

- Future Designs, Inc. Forums: http://www.teamfdi.com/?post_type=forum
- ELI43-CP Product Page: <http://www.teamfdi.com/product-details/eli43-cp/>
- ELI43-CR Product Page: <http://www.teamfdi.com/product-details/eli43-cr/>
- ELI101-CPW Product Page: <http://www.teamfdi.com/product-details/eli101-cpw/>

