Geomagic Touch X
Haptic Device

Quick Start Guide

GEOMAGIC TOUCH X QUICK START GUIDE

This quick start guide is a high-level overview of the steps you need to take to install, connect, and start to use the Geomagic Touch X haptic device. For detailed information, see the *Geomagic Touch X User Guide* available on the http://support.geomagic.com website.

EXISTING USERS:

### Remove any previous version of the PHANToM Device Driver that is installed on your computer:

•   Win 7 or Win 8: Control Panel > Programs and Features > Uninstall a program

Delete all older setup files in the following location: C:\Users\Public\Documents\SensAble\

PERFORM THE FOLLOWING STEPS:

1. Go to http://support.geomagic.com to download and install the latest version of the Geomagic Touch Device Driver. (Go to http://support.geomagic.com, from Products select Scanners and Hardware, then select the Touch device and Downloads).

2. After the device driver has installed, select the option in the installer to **Restart Your Computer**.

3. For a computer with no internet connection, follow the **Driver Installation** instructions found on page 2 of the Ethernet Adapter manual (included with your adapter).

4. Connect the Ethernet Adapter, if you have not already installed the driver – wait a few minutes for the driver to be automatically installed (you must have internet connection).

5. Connect the Geomagic Touch X Device (Ethernet cable and power supply) as shown below. Connect the Ethernet cable to the Adapter and then to either the **ETH 1** or **ETH 2** ports on the device. This is the 3D recommended connection. For alternative connections check Appendix B: Alternate Connections in the *Geomagic Touch X User Guide*.
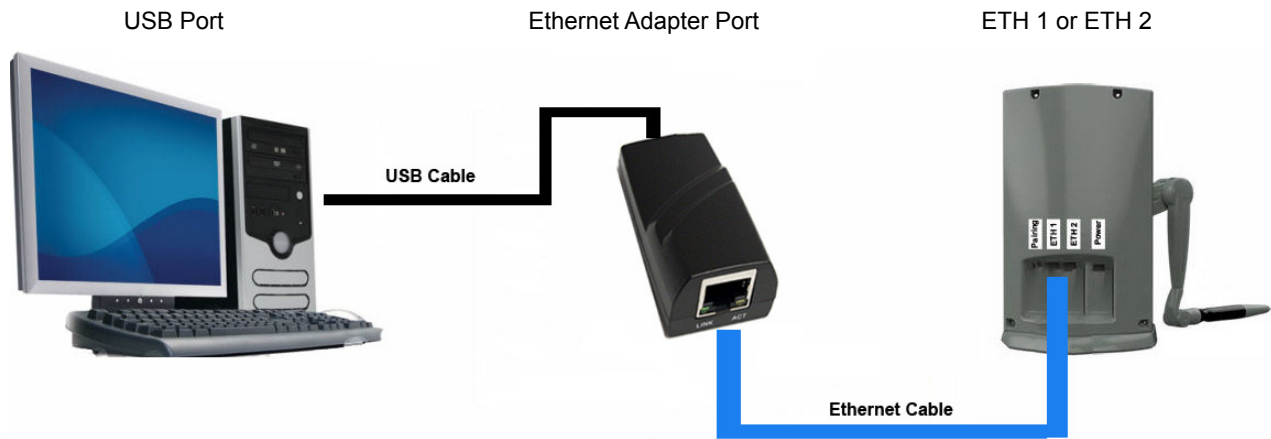
6. Check the Network Status Indicator on the Windows 7 or 8 taskbar.

3D Systems, Inc.   2

If you see this ![rotating icon] rotating icon, wait (this may take up to 3 minutes).

Proceed when one of the icons below appears:

![icon]   Geomagic Touch X connected without network connection

![icon]   Geomagic Touch X connected with network connection

7. Double-click the **Geomagic Touch Setup** icon on your desktop or click **Start>All Programs>3D Systems>Geomagic Touch>Geomagic Touch Setup**.

- Make sure the **Device Model** is set to **Touch X**.
- Set Interface to **LAN port.**
- Set **Host Name** to match the Geomagic Touch X serial number (located on the bottom of the device) to the corresponding device in this list (this could take up to 3 minutes depending on your network connection).
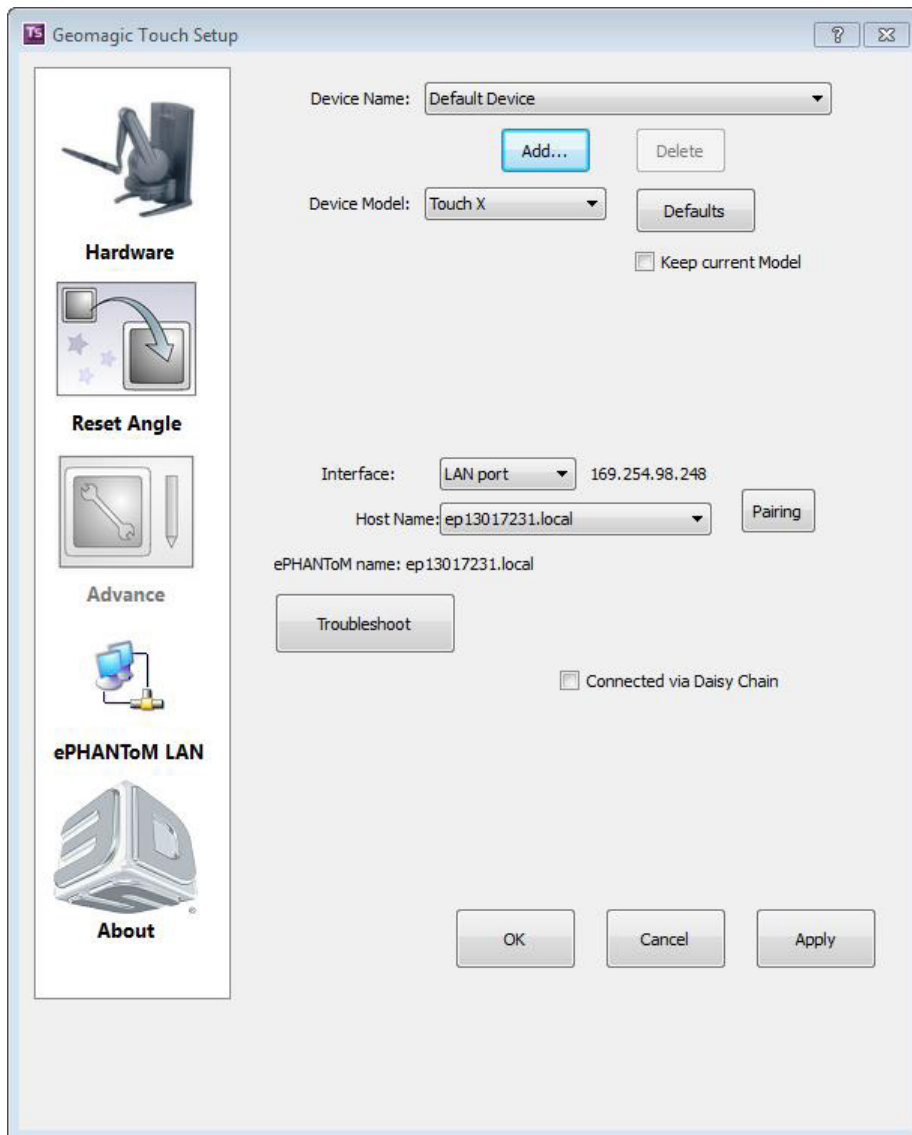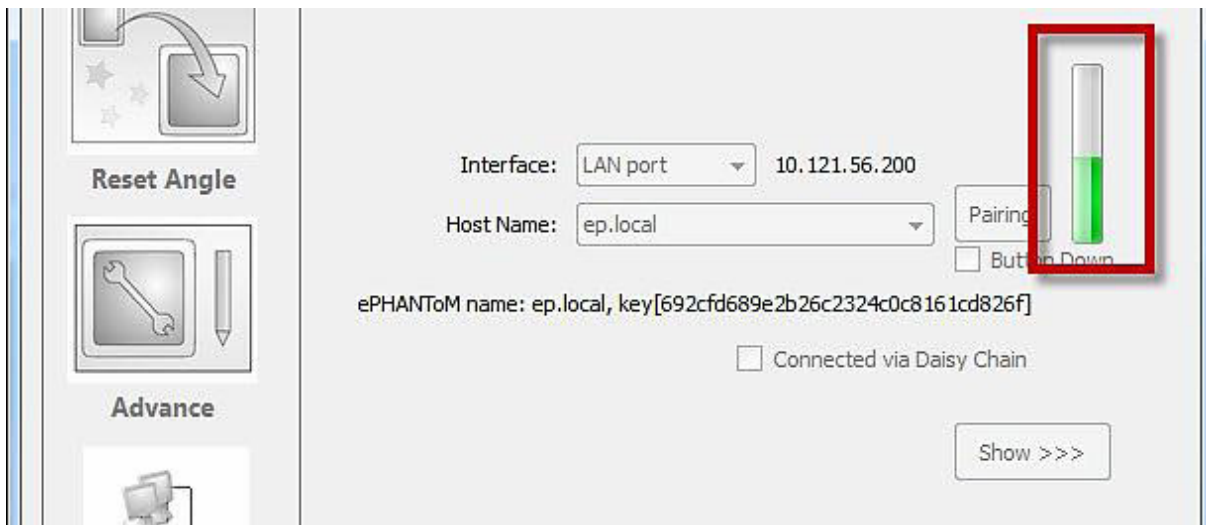

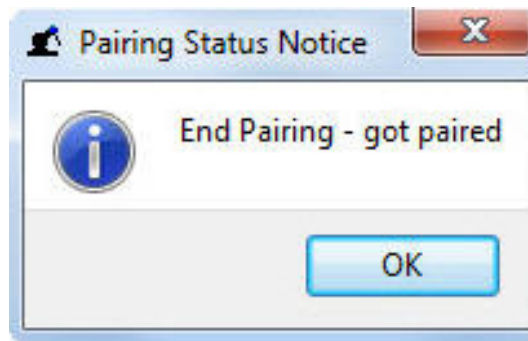8. Click the **Pairing** button in the Geomagic Touch Setup window.
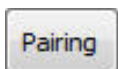
9. Press the **Pair** button on the back of the device.
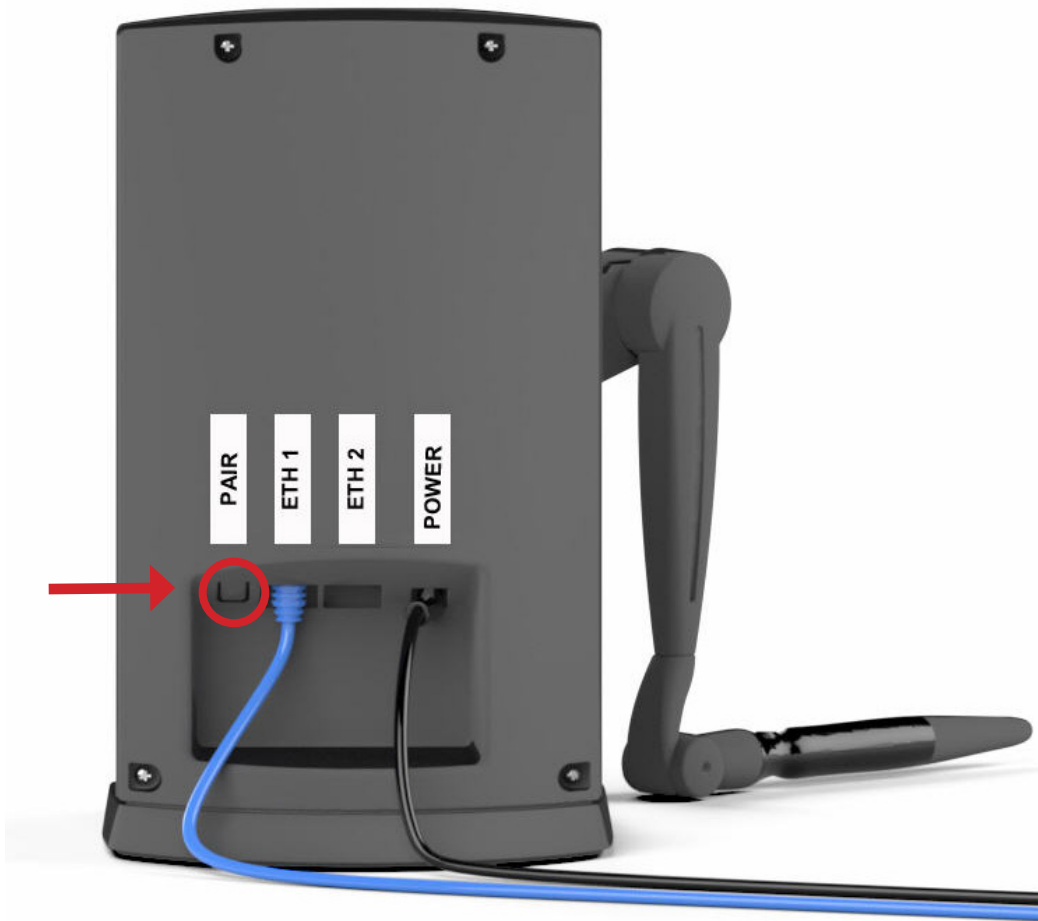
You must press the Pairing button before the **Green** progress bar times out – you have about 15 seconds (see image below).

If the progress bar times out before you have pressed the **Pair** button – repeat step 8.

When the computer and device have been successfully paired – the notice below will appear.

10. Click **OK**, then press the **Apply** and **OK** buttons in the Geomagic Touch Setup dialog.

11. On the Desktop, click to open the **Geomagic Touch Diagnostic** or click **Start>All Programs>3D Systems>Geomagic Touch>Geomagic Touch Diagnostic**.

12. Click the **Next** arrow in the bottom right of the dialog or click the Select tab to move on to the next step.

13. The **Select** tab initializes the Geomagic Touch X device and begins to run to the Servoloop. Click the Next arrow when the six remaining test tabs appear in the dialog to move on to the Calibration stage.
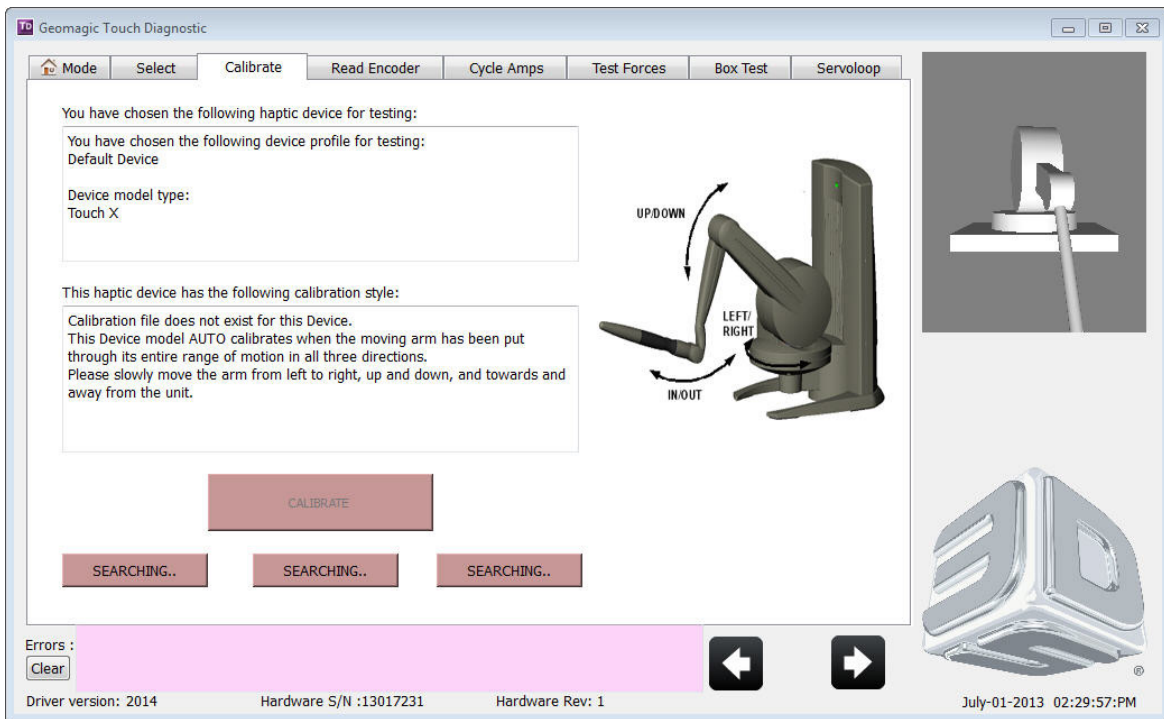
14. You will have to move the stylus through the complete range of motion to properly calibrate the device. Once each axis is calibrated, its icon will turn **Green**. All the icons will turn green (see image) when the device is properly calibrated.
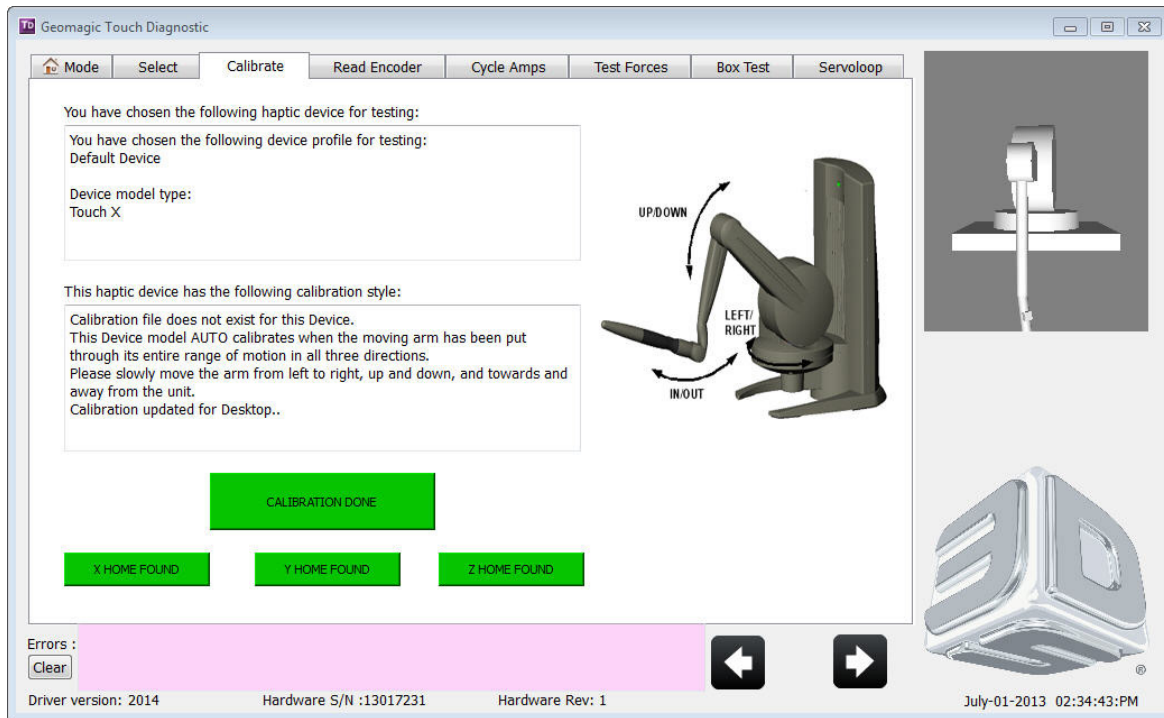
15. Complete the remaining Geomagic Touch tests. When complete, click the red X in the top right corner to exit the Geomagic Touch Diagnostic.

   Go to http://support.geomagic.com to download the *Geomagic Touch X Device Guide*.