Field Service Bulletin

806310 - March, 2009





Introduction

Purpose

This field service bulletin provides instructions for replacing the driver for the touchscreen in a Mariner CNC after the touchscreen is updated or replaced.

Tools and materials needed

PC keyboard and mouse (USB preferred) 1/4" Hex nut driver

Kit contents

Item	Part number	Description	
1	228401	Mariner Touchscreen Replacement instructions	1

Overview

If you replace or update the touchscreen on a Mariner CNC, you must also update the driver for the touchscreen. To do this, you must first uninstall the existing driver, then install the new driver.

Updating the Touchscreen Driver

To update the touchscreen driver:

1. Enter the following URL in your browser's address field:

www.hyperthermautomation.com/file_lib/elorohs

The following screen displays:

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Monday, January 29,	2007 10	0:41	AM 264358	ELO ROHS.zip	
Tuesday, August 21,	2001 4	4:48	AM 286720	EloLib.exe	
Thursday, November 07,	2001 1.	0.04	AM 30464	Flauvagt Doug and	
Tuesday, December 07,	2000 :	0.17	an 7961 DM 10702	Flourst CAT	
Friday, October 26.	2001	2:33	M 114688	EloVa.exe	
Nednesday, August 30.	2000	1:55	AM 5460	License.txt	
Tuesday, November 13.	2001 (8:48	AM 434176	monmouse.cpl	
Wednesday, April 05,	2000	1:30	PM 326	Null.cur	
Monday, November 12,	2001 9	9:53	AM 7817	Readme.txt	
Wednesday, April 05,	2000 :	1:30	PM 28672	Uninst.exe	
Wednesday, April 05,	2000	1:30	PM 40960	ZAxis.exe	

2. Copy the ELO ROHS.zip folder and save it to your desk top or to a memory stick.



3. Create a folder on a memory stick. Give the folder any name that you choose.

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4. Extract the files from the ELO ROHS.zip folder to the new folder on the memory stick.



- 5. Plug in a keyboard or mouse to the USB ports on the bottom surface of the Mariner CNC. If a USB-compatible keyboard is not available, open the back door of the CNC enclosure and locate the PS2 keyboard connector on the motherboard. Plug a PS2 based keyboard into this connector.
- 6. Power up the CNC.
- 7. After the Phoenix software starts, press Alt/F4 to shut Phoenix down.
- 8. Press the Windows Start button on the keyboard or press the Windows Start button in the lower left corner of the touch screen.

9. On the Start menu, select Settings > Control Panel > System.



10. When the System Properties window opens, select the Hardware tab then the Device Manager button.



11. Expand the Human Interface Devices list and double-click on ELO TouchSystems 2700 IntelliTouch USB Touchmonitor Interface.



12. Select the Driver tab and click or press Uninstall to delete the driver and remove the ELO touch screen interface from the Human Interface Devices list.



13. Select Scan for hardware changes on the Action menu on the Device Manager screen to refresh the Human Interface Devices list. Close the Device Manager window.



14. On the Human Interface Devices screen, select ELO Touch Screen from the list and click Update Driver.



- 15. On the first screen of the Hardware Update Wizard, select Install from a list or specific location (Advanced).
- 16. Click Next.



- 17. Select Search for the best driver in these locations and include this location in the search.
- 18. Click the Browse button and select to the folder that you created on your memory stick and that contains the ELO software.
- 19. Click Next.



- 20. In the next window, select the ELO TouchSystems in the Model window.
- 21. Click Next.

- 22. Click Finished.
- 23. Click OK on all windows to close them.
- 24. Cycle power on the Mariner control.

Calibrating the Touchscreen

To calibrate the touchscreen using the Phoenix software:

- 1. From the Main screen, select Setups > Diagnostics > System Diagnostics. The system automatically starts the calibration process.
- 2. Follow the instructions on the screen to complete the calibration process.



3. After calibration is complete, press Yes on the Check Video Alignment screen.

Check Video Alignment	×
Touch different areas on the screen.	
Does the cursor jump to your fingertip?	
Align will cancel in 30 seconds.	
Press Esc key to cancel now.	
Yes No	

4. Click OK until you return to the Setups screen.

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