Windows 10 Installation Instructions for the PR3

# **NOTE: If Windows 10 installed the drivers for the PR3, these instructions are not needed. These instructions are only to be used if Windows 10 did not automatically install the drivers.**

#### **Required equipment:**

- PR3 or PR3 Xtra
- Downloaded and extracted PR3 files from <u>www.digitrax.com/downloads</u> (PR3 Windows XP, Vista, 7, 8, and 10 Drivers) or Installation CD which was included with the original PR3
- USB Cable
- PS14 (or equivalent) 14-volt power supply

#### **STOP!** Read these instructions before connecting the PR3 to your Computer

- NOTE The Windows Vista drivers are compatible with Windows 10.
- These instructions are for a new installation of the PR3 Drivers.

Microsoft made many changes to Windows 10 and how it handles serial devices. You should be able to plug the PR3 into a USB Port and Windows 10 will automatically install the required drivers. Once installation of the drivers is complete, go to Device Manager to verify the PR3 is installed properly and make note of the assigned COM Port.

### PART ONE

Changes to Windows 10 need to be made before you can proceed! Please do the following:

1. Click into the "Search Windows" box



2. Type in "settings", the "Settings" option should show up above. Click on the "Settings" option.



3. The Settings options will show up. Click on "Update & Security"



5. Click on "Recovery"

0	← Settings		- 🗆	×
Recycle B	🔅 UPDATE & SECURITY		Find a setting	2
Recycle B	Vindows Update Windows Update Backup Recovery Activation For developers	<section-header>     Windows Update     Over the series of the series of</section-header>	Find a setting	2
		o e 📮 🛱 🖪	へ 値 斎 40) 間	1:37 PM 8/7/2015

6. Click on "Restart Now" under "Advanced startup"



7. Windows will now restart into a new options menu, select "Troubleshoot".

8. In the Troubleshoot menu, click on "Advanced options"

© Tro	bleshoot
<u>C</u>	Reset this PC Lets you choose to keep or remove your files, and then reinstalls Windows.
	Advanced options

9. In the "Advanced Options" menu click on "Startup Settings"

	System Restore Use a restore point recorded on your PC to restore Windows	C:\	Cornmand Prompt Use the Command Prompt for advanced troubleshooting
	System Image Recovery Recover Windows using a specific system image file	\$	Startup Settings Charge Windows startup behavior
<b>&lt;0&gt;</b>	Startup Repair Fix problems that keep Windows from loading	₽	Go back to the previous build

10. You will now want to click on "Restart" to boot into the Startup Settings boot screen.



11. Once your computer has rebooted, the "Startup Settings" screen appears, Press "7" or F7" on your keyboard to "Disable driver signature enforcement". Your computer will reboot and you will now be able to install the PR3 Driver.



# PART TWO

If you downloaded the drivers from the Digitrax website, extract the zipped files and note where you stored them prior to beginning installation:

- 1. Right click on the file folder.
- 2. Then click on *Extract All*...
- 3. Select a location, such as the desktop, where you will save the extracted files.
- 4. Click on Extract.
- 5. The files will decompress into a new folder.
- 6. Note the location where you saved the extracted files. You'll need it later in the install process.

#### Installation

- 7. Plug PS14 into a wall outlet.
- 8. Plug the 2.1mm jack of the PS14 into the PR3's Power Connector located on the back of the PR3.
  - a. The red LED (next to "ERR") should light solid and
  - b. The Green LED (next to "USB") should blink on and off.
- 9. Press and Hold both buttons until the bi-color "STAT" LED flashes red and green. Release both buttons, the PR3 is now reset to its default settings (MS-100 Mode, No Termination).
- 10. Plug the USB cable into an open USB port on the computer. Select a port that is convenient and can be dedicated to the PR3. Using the same USB port will allow the PR3 to use the same Virtual Com Port number and ease future software configuration.
- 11. Plug the other end of the USB cable into the USB plug on the PR3.
- 12. A message saying that the driver has successfully installed will show.
- 13. If using the supplied CD-ROM Device Driver disk, insert the disk now.

**NOTE** - The following steps and screen captures may vary depending on your computer, software version and settings.

14. Click in the "Search Windows" Box, type in "device manager" and then click on the "Device Manager" option above.



15. The *Device Manager* will open. Right Click on the *USB Serial Device* that shows up under Ports (COM & LPT)

0					
Recycle	an 🚔 Device Manager		 - (	×	
	File Action View Help				
	(+ +) 🗊 📓 🖬 🛤 ⊵ 😽 🚳				
icons	Auto in puts and outputs     Buteries     Buteries     Disk drives     More and other pointing devices     Mice and other pointing devices     Monotors     Disk Seria Device (COM3)     Processors     Discors     Software devices     Software devices	Right-click the USB Serial Device that shows up under Ports (COM & LPT)			
	<ul> <li>Sound, video and game controllers</li> <li>Storage controllers</li> <li>System devices</li> <li>Universal Serial Bus controllers</li> </ul>				
		🗆 😑 🧮 着 🎩			へ 雪 <i>底</i> (小)) 民 <sup>1:45</sup> PM 8/7/2015

16. Click on Update Driver Software...



17. Click on Browse my computer for driver software.

ycle Bin	Eile	evice M Action	anag Vi	w	Heli																				-	E	]	×								
	(= c)			2	F	1	2	ê d		5			_		_	_																				
cons	<ul> <li>3</li> <li>4</li> <li>4</li></ul>	MSI-G a Au Baasa Babasa Coo Dississ Dissi		Ш н	up >> >	do y Sear Wind or yc ettin 3rov	orive ch i ows or ur d gs.	r Soft wan uto vill se vice, my (	ma arch unle	- USI sea icall your ss yo	3 Ser rch y fc com u've	for for unput disa	evic dri er ar bled driv manu	e (CC ver ated ad this this er s ually.	oM3) soft	twa ver ernet ir ware	sof	twa the la ur dev	ire atest vice i	drive	r soft	tware	e	 _	×	I.										
	>	Un 🦉					_		_															Can	cel									-		
											1				1								-													

18. Click the Let me pick from a list of device drivers on my computer button

0				
Recycle	Bin Device Manager		- 🗆 🗙	
	File Action View Help			
		1		
icons	→ ▲ MSI-GT > ▲ Auc ← ① Update Driver Software > ▲ Bat	- USB Serial Device (COM3)	×	
	Browse for driver sc	ftware on your computer		
	> Point Dist > Poi	in this location:		
	> Firr s\Scott\Downloads\PR3	WindowsXP Vista32_64 VindowsXP		C. Dessel
	> 🕼 Hui 🔽 Include subfolders			
	> III Me			
	> 🖉 Mic	1		
	> 📮 Net			
	✓      ✓      Por     ✓	m a list of device drivers on my computer stalled driver softw <mark>are compat</mark> ible with the device, and all driver	s	ALC: NOT THE
	> Pro software in the same	e category as the device.		
	> 🖾 Sen			
	> 1 Sol			
	> 🔆 Sto	Next	Cancel	
	Sys     Universal Serial Bus controllers			
	Search Windows	🗆 e 📄 🖨 🖉		へ 🖮 🌈 (小) 同 1:46 PM 8/7/2015

19. Click Have Disk

0				يوياق الط		
Recycle Bin	Device Man	ager				
	File Action	View Help				
		📴   🗾 🗊   👰 😭 🍢 🖏				
S.	V 🚔 MSI-G1			×		
icons	> I Auc		LD COMP			
		<ul> <li>Update Driver Software - USB Ser</li> </ul>	al Device (COM3)			
	> 🛄 Cor					
	> Disl	Select the device driver you	want to install for this hardware.			
		Select the manufacturer ar	d model of your hardware device and then	click Next. If you have a		
	> Firr	disk that contains the drive	er you want to install, click Have Disk.			
	> 🕼 Hui					
	> C Key					
	> A Mic	Show compatible hardware				
	> 🥅 Mo	Model				
	> Net	USB Serial Device				
		USB Serial Device				
	> 📾 Prir					
	> 🔲 Pro					
	> 🚾 Sen	This driver is digitally signed.		Have Risk		
	> 🖬 Sou	Tell me why driver signing is in	portant	43		
	> 🗘 Sto					
	> Sys			Next Cancel		
Se			🗆 🤶 🛤 🖨 🍕			へ 雪 (症 4)) 局 1:46 8/7/2

- 20. Click on *Computer*.
- If using the Installation CD, click on the CD-Rom or DVD Drive. Typically (D:). OR, if you downloaded the drivers from the Digitrax website, browse to the location on your computer where you saved the drivers.
- 22. Click into the subdirectory *win\_xp\_vista32\_64*.

23. Select the "mchpcdc.inf" file. Click "Open".

0						
Recycle Bi	Device Manager			-		
	File Action View Help					
		R 🖟 🙀 🕫				
icons	✓     MSI-GT       >     ▲ Aut       >     ▲ Batt       >     ■ Cor       >     ■ Mat       >     ■ Key       >     ■ Mat       >     ■ Tor       >     ■ Fir       >     ■ Fir       >     ■ Fir       >     ■ Soft       >     ■ Soft	Driver Software - USB Serial Device ne device driver you want t Lockin: win_yo_vi Lockin: win_yo_vi Quick access Desttop Libraries This PC Network File name: Files of type:	(COM3) D install for this hardware.	× fyou have a	× rpe rcel	
-		([])	e 📑 🕯 🍯			へ 🗐 🌈 小)) 🗟 1:47 PM 8/7/2015

24. Click the **OK** button.

0			걸려난 (코)(22)	
Recycle	Bin 📓 Device Manager		- 🗆 ×	
	File Action View Help			
		n 🙀 n 🖥		
icons	▼       MSI-GT         >        Auc         >        Bat         >        Mat         >        Mat	ftware - USB Serial Device (COM3) e driver you want to install for this har rom Disk Insert the manufacturer's installation disk, and then make sure that the correct drive is selected below. Copy manufacturer's files from: [C:\Users\Scott\Downloads\PR3 WindowsXP Watz gitally signed. wer signing is important	rdware.	
	Search Windows	🗆 🤤 🗮 🛱	4	へ 🎟 <i>(</i> ぽ 句)) 1:47 PM 8/7/2015



**26.** A Windows can't verify the publisher of this driver software dialog box will pop up. Click on "Install this software anyway"



27. A Windows has successfully updated your driver software box will pop up.

0						
Recycle Bin	Device Mana	ger				
	File Action \	/iew Help				
		] 🛛 📰 🔍 🖹 🥀 🖏				
N.	V 🚔 MSI-G1			×		
icons	> ¥ Auc	- Indate Driver Software - Comm	inications Port (COM2)			
	> Blu	U opdate briver software - Comm	inications Port (COMS)			
	> 🛄 Cor					
	> 👝 Disl	Windows has successfully u	pdated your driver software			
	> BR Dis					
	> Ein	Windows has finished installing the	driver software for this device:			
	> 0 Hui					
	> 🥅 Key	Communications Port				
	> 🔝 Me					
						the second s
	> 📮 Net					and the second se
	Y Por					
	4		20			A CONTRACTOR OF
						the second s
	> 🖾 Sen					
	> 👖 Sof					
	> 🛋 Sou					
	Svs					
	> Uni			Close		
Se			🗅 🤤 🗮 🛃			へ 😑 🌈 🕼 🗟 🤐 1:47 PM 8/7/2015

- 28. Note the COM Port that windows assigned the PR3. You will need this COM Port information for various Digitrax Utilities or 3rd party software programs. If you plug your PR3 into the same physical USB Port each and every time, Windows will always assign the same COM Port to your PR3.
- 29. Device Manager will show your newly installed COM port under Ports (Com & LPT).

Click the *Close* Button

*Reboot your computer* – this is important to complete the install process!

You have successfully installed your PR3 Driver Software