USB Serial Adapter Installation

- 1) Install the USB to Serial Adapter Software (For this example the USB to Serial Adapter is Tripp-Lite.)
 - a) Place the USB to Serial Configuration adapter CD into your PC's CD/DVD drive.
 - b) Connect the USB end of the USB/Serial adapter to the PC.
 - c) The installation software automatically starts.

Found New Hardware Wizard						
	Welcome to the Found New Hardware Wizard Windows will search for current and updated software by looking on your computer, on the hardware installation CD, or on the Windows Update Web site (with your permission). Read our privacy policy					
	Can Windows connect to Windows Update to search for software? Yes, this time only Yes, now and giveny time I connect a device No, not this time Click Next to continue.					
	< Back Next > Cancel					

d) Click the "*No, not this time*" option, then press the Next> button. The content of the window changes to the picture below.



- e) Click the "*Install from a list or specific location (Advanced)*" option followed by pressing the **Next>** button.
- f) The window's messages changes to select the folders that contain the drivers. Press the **Browse** button to open the Browse For Folder.



Please choose your search and installation options.	
Search for the best driver in these locations. Use the check boxes below to limit or expand the default search, which includes local paths and removable media. The best driver found will be installed. Search removable media (floppy, CD-ROM)	Browse For Folder
D:\ Browse D:\ Browse Don't search. I will choose the driver to install. Choose this option to select the device driver from a list. Windows does not guarantee that the driver you choose will be the best match for your hardware. (Back Next > Cancel	Select the folder that contains drivers for your hardware Desktop Deskto
	S an-c0339 on 'moh-fil-002(users\$' (Y:) Any Sharing Folders Any Sharing Folders, click a plus sign above.

- g) Click on the CD/DVD drive that contains the install CD.
- h) Open the sub-files till the driver file for your PC's operating system is displayed. Highlight the appropriate OS file and press the **OK** button.

Browse For Folder	Browse For Folder
Select the folder that contains drivers for your hardware.	Select the folder that contains drivers for your hardware.
To view any subfolders, click a plus sign above.	To view any subfolders, click a plus sign above.
OK Cancel	OK Cancel

i) Press the Next> button.



j) The USB to Serial Adapter drivers install.





k) If the warning window on the bottom right of the picture above pops open, press the **Continue Anyway** button.

Found New Hardware Wiz	ard
	Completing the Found New Hardware Wizard The wizard has finished installing the software for Tripp Lite USB to Serial Bridge
	< Back Finish Cancel

- I) When the completed the window above pops up. Click the **Finish** button.
- 2) Configure the PC(Laptop)
 - a) Click the Start button. Scroll to Settings and click Control Panel.



b) Double click the **System** icon to open the System Properties window.





c) Click on the Hardware tab followed by pressing the Device Manager button.





d) Click on Ports (COM & LPT) to open the list of current ports in use. Look for the USB to Serial Adapter installed and associated COMx port. If the COM port number is greater than six, Right click on that installed adapter to open the Properties window. Else, close all windows and go to step 3.

ripp Lite USB to Serial Bridge (CO General Port Settings Driver Details	M8) Properties	?
Bits per second:	9600	~
<u>D</u> ata bits:	8	~
Parity:	None	*
<u>S</u> top bits:	1	~
Elow control:	None	~
<u>∆₫</u>	vanced <u>R</u> esto	ore Defaults
		Canaal

e) Press the **Advanced...** button to open the Advanced Settings for COMx window.

Ad	vanced Setting	s for COM	8						? 🛛
	✓ Use FIFO buffers (requires 16650 competible UART) Select lower settings to correct connection problems. Select higher settings for faster performance.							OK Cancel	
	Receive Buffer:	Low (1)				— Ç	High (14)	(14)	<u>D</u> efaults
	<u>I</u> ransmit Buffer:	Low (1)				— Ţ	High (16)	(16)	
	COM Port Number:	COM4	*						J

f) Select an unused COM port between 1 and 6 by pulling down the **COM Port Number:** list. (In this example, COM4.) Press **OK** to close all windows.



g) Return to the Device Manager window and highlight Ports (COM & LPT). Click your right mouse button. Click Scan for hardware changes. The Device Manager window updates the new COM port setting.



- 3) Configure Test Instrument
 - a) Power On the instrument.
 - b) Connect the serial male connector of the USB to Serial Adapter to the female connector of the serial cable attached to the test instrument.
 - c) Run Handheld Software Tools (HHST)



d) Click **Communication** under the **Settings** menu. The Program Preferences window opens.



Pre	ogram Preferences			×					
	Clipboard Format	Misc.	Properties	1					
	Communication	De	Default Plot Settings						
	COM Port								
	your Site Master:								
	C COM 1	C COM 3	COM 5						
	C COM 2	COM 4 C COM 6							
	Please refer to your Site Master User's Guide — Section "Communication Port Setting" for more information.								
	Transfer Baud Rate								
	C 9600 € 38400 C 115200								
	C 19200	C 56000							
		1	<u>K</u> ancel						

- e) Click the **COM x** port that was set in the Device Manager. Then set the **Transfer Baud Rate** to 38400. Click the **OK** button.
- 4) Test the Connection to the Instrument
 - a) Click on the Capture menu.
 - b) Click **Capture Plots to Screen**. The display screen on the instrument is captured and displayed in HHST.

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💽 File Edit View	Capture	Tools Se	ettings V	Vindow H	elp				- 8	×
🖻 🖬 🖆	Capture	e Plots to : e Plots to	Screen .dat files		?					
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Min Sweep Time: 1.001	Milli Sec		•-	ws: 10:05:4	0					
Model: MS 2711D			Seri	al # 00350	62				Preamo Ol	N
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