

ARM LOCK

345 Bayview Avenue Amityville, New York 11701 For Sales and Repairs 1-800-ALA-LOCK

## USB SERIAL COM PORT REASSIGNMENT GUIDE

WI1581 11/06

## For Technical Service 1-800-645-9440 Publicly traded on NASDAQ Symbol: NSSC © ALARM LOCK 2006

## OVERVIEW

When using a USB adapter and DL-Windows, it is possible that DL-Windows may not find the adapter due to the USB adapter being assigned a COM Port greater then COM4. To change this number, please use the following instructions.

**Note:** Although the images that follow were obtained from a Windows 98 installation, the procedure is nearly identical with Windows 2000, Windows ME and Windows XP installations.

## **CONFIGURE THE USB PORT**

Click Start > Settings > Control Panel to open the Windows Control Panel.



Double-click the **System** icon and the **System Properties** dialog opens:



In the System Properties dialog, click to open the Device Manager, and select the "View devices by type" option.

In the **Ports (COM & LPT)** entry, click the "+" symbol to display the devices in this category.

System Pr	operties	<u>?</u> ×
General	Device Manager Hardware Profiles Perfo	ormance
⊙ Vie	w devices by type C View devices by	<u>c</u> onnection
	<ul> <li>Floppy disk controllers</li> <li>Hard disk controllers</li> <li>HCFMODEM</li> </ul>	
	象 Keyboard ) Modem り Monitors	
	) Mouse IP Network adapters IP Ports (COM & LPT)	
	Sound, video and game controllers System devices	
P <u>r</u> o	pperties Refresh Remove	Pri <u>n</u> t
		OK Cancel

As shown above, click to select the entry **"USB Serial Port"** (this entry is followed by a COM Port number), then click on the **Properties** button to view the device properties.

USB Serial Port (COM3) Properties	? ×
General Port Settings Driver	
USB Serial Port (COM3)	
Device type: Ports (COM & LPT)	
Manufacturer: FTDI	
Hardware version: Not available	
Device status	
This device is working properly.	
2	
Device usage Disable in this hardware profile Exists in all hardware profiles	
ОК Са	ancel

In the USB Serial Port (COM3) Properties dialog (shown above), note the USB Serial Port is set to COM3.

The **General** tab (shown above) displays a variety of details including the status of the device selected (the **Device status** area confirms that the device is--or is not-- working properly with regard to the **Windows** operating system).

**Note:** The **COM** number may vary depending on which devices have been installed prior to plugging in the USB device.

For more device details, click the *Port Settings* tab:

USB Serial Port (COM3) Properties	? ×
General Port Settings Driver	
<u>B</u> its per second: <b>9600</b> ▼	
Data bits: 8	
Parity: None	
Stop bits: 1	
Elow control: Xon / Xoff	
Advanced	
OK Car	ncel

The *Port Settings* tab (shown above) displays the USB Serial Port default settings.

**Note:** Nearly all Windows operating systems will automatically select the COM port settings required by the device, therefore the default values can usually be left as-is.

The most frequent requirement is to change the COM Port

number. To do this, click the "Advanced..." button.

In the **Advanced Port Settings** dialog (shown below), the **COM Port Number** pull-down menu allows the COM Port number to be changed.

Ad	vanced Port Settings	×	[
	✓ Use EIFO buffers (requires 16550 compatible UART)         Select lower settings to correct connection problems.         Select higher settings for faster performance.         Beceive Buffer:       Low (1)         Iransmit Buffer:       Low (1)	OK Cancel Defaults	
	COM Port Number: COM3 COM3 COM4 COM5 COM6 COM7		

**Important:** Before changing the COM Port number, verify that the new COM Port number does not conflict with any other hardware or USB COM port present in the system by checking the existing devices listed in the **Device Manager** dialog (shown previously).

**Note:** The **Transmit Buffer** and **Receive Buffer** sliding pointers are used for hardware COM ports only and will not alter the performance of USB COM Ports.