

USB DRIVER INSTALLATION

In order to function properly, the CBLUSB23-USB to RS-232 converter requires the installation of the proper USB driver files. Further, the PC must be configured to assign the cable to a suitable COM port.

DRIVER INSTALLATION

Connect the CBLUSB23 to one of your PC's USB ports. Windows will prompt you, indicating that a new device has been found.

Select "No, not this time." at the first prompt. Then, select the Advanced installation when prompted.

Found New Hardware Wizard	Found New Hardware Wizard
Welcome to the Found New Hardware Wizard Windows will search for current and updated software by bolding on your computer, on the hardware installation CD, or on the Windows Update Web are (with your permission). Read our privacy policy	This wizard helps you initial software for: GoldX GXMU-1200 USB-to-Serial Bridge
Can Windows connect to Windows Update to search for software?	If your hardware came with an installation CD or floppy disk, insert it now.
C Yes, this time only C Yes, now and every time I connect a device No, not this time No, not this time	What do you want the wizard to do? C. Install the software automatically [Recommended] © Install from a list or specific location (Advanced)
Click Next to continue.	Click Next to continue.
< Back Next> Cancel	< Back Next> Cancel

The next prompt allows you to specify the locations to be searched in order to find the appropriate driver. Check the "Include this location..." property, and then click the browse button.

Found New Hardware Wizard
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)
Include this location in the search:
C:\Program Files\Red Lion Controls\Crimson 2.0\Dev
C Don't search. I will choose the driver to install.
Choose this option to select the device driver from a fat. Windows does not guarantee that the driver you choose will be the best match for your hardware.
K Back Next > Cancel

Browse to the folder C:\Program Files\Red Lion Controls\Crimson 2.0\Device\GoldX. Select the folder that describes the Windows OS that you're running, and then click the OK button.



When warned that the driver has not passed Windows Logo testing, click the Continue Anyway button. This completes the driver installation.

Hardwar	e Installation
⚠	The software you are installing for this hardware: GoldX GXMU-1200 USB-to-Serial Bridge
	has not passed Windows Logo testing to verify its compatibility with Windows XP. (<u>Tell me why this testing is important.</u>)
	Continuing your installation of this software may impair or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the hardware vendor for software that has passed Windows Logo testing.
	Continue Anyway STOP Installation

PORT CONFIGURATION

Crimson 2.0 allows you to download via Ethernet, USB or serial. Since the CBLUSB23 is converting USB to serial, you must select to download via serial. However, you must first make sure that the CBLUSB23 is assigned to COM port in the range of COM1-COM4.

Go to Windows Control Panel, and double-click the System icon. Then, select the Hardware tab, and click the Device Manager button.



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System F	lestore	Autom	atic Updates	Remote		
General	Computer Name Hardware Adva		Advanced			
			13			
Device Ma	nager					
Ĩ	he Device M in your compu roperties of ar	an agerlists all ter. Use the D ny device.	the hardware devic levice Manager to c	es installed hange the		
			Device M	anager		
Drivers						
	river Signing compatible with row Windows	lets you make h Windows, W connects to V	sure that installed o /indows Update lets Vindows Update for	rivers are you set up drivers.		
	Driver Signing Windows Update					
Hardware F	Profiles					
چ 😓	lardware profi lifferent hardw	les provide a are configural	way for you to set up tions.	and store		
-			Hardware	Profiles		

Navigate to the item Ports (COM & LPT), and select the GoldX GXMU cable from the list. If the assigned port is COM1, COM2, COM3 or COM4, there are no other steps required. Simply make note of the assigned COM port number.

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File Action View Help	
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E-3 Computer	-
🗄 🛶 Disk drives	
🕀 🥞 Display adapters	
E S DVD/CD-ROM drives	
🗄 🎰 Human Interface Devices	
🗉 😁 IDE ATA/ATAPI controllers	
🕀 🦚 IEEE 1394 Bus host controllers	
🗈 🦢 Keyboards	
⊕) Mice and other pointing devices	
😥 🍌 Modems	
🕀 😼 Monitors	
Network adapters	
1394 Net Adapter	
Broadcom NetXtreme 57xx Gigabit Controller	
Dell Wireless 1390 WLAN Mini-Card	
🖮 📓 PCMCIA adapters	
🚊 📝 Ports (COM & LPT)	
Communications Port (COM1)	
GoldX GXMU-1200 USB-to-Serial Bridge (COM9)	_
Recessors	•

If the number exceeds COM4, double-click cable item to open the properties dialogue. Select the Port Settings Tab, and click the Advanced button.

GoldX GX№	W-1200 U	5B-to-Seri	al Bridge	(COM9) P	roperties	?	1
General	Port Setting	Driver	Details				
		Bits pe	r second:	9600		•	
			Data bits:	8		•	
			Parity:	None		•	
			Stop bits:	1		•	
		Flo	w control:	None		•	
			Ad	vanced	Resto	e Defaults	
					DK	Cancel	_

Select a COM port in the range of COM1-COM4. If all COM ports within the range are marked with (in use), you may still proceed. However, for your computer's peripherals to work properly, you may need to undo this change later.

Advanced Settings for COM4						·	<u>? ×</u>
Use FIFD buffers (requires 16550 compatible UART) Select lower settings to correct connection problems. Select liver settings rater performance.							OK Cancel
Receive Buffer: Low (1)				—Ţ	High (14)	(14)	Defaults
Transmit Buffer: Low (1)	1			—Ţ	High (16)	(16)	
COM Port Number: COM4							J
COM5 (COM5 (COM5 (COM5 (COM5 (COM5 (COM10 COM10	in use) in use) in use)						

After selecting an appropriate COM port, click the OK button.

CRIMSON 2.0 SETUP

Run Crimson 2.0, and go to Link -> Options.



Select the Communications Port that matches the COM value assigned to the CBLUSB23 cable.

Link Options	×
Communications Port	
С сом <u>і</u>	
C COM <u>2</u>	
С СОМ <u>з</u>	
COM4	
C USB K	
○ <u>I</u> CP/IP 0 . 0 . 0 . 0	
TCP Port 789 🗖 Slow Link	
Panel Emulation	
☐ Send to Emulator <u>C</u> onfigure	
OK Cancel	

That completes the configuration necessary to download via the CBLUSB23 converter cable.