DLC

Single-Axis Motion Controller/Driver





USB Driver Installation Manual

Precision Motion – Guaranteed™

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DLC Single-Axis Motion Controller for Delay Line Stages

1.0 Introduction

The DL controller uses the "Communications and CDC Control" USB-IF class. The driver for this USB class is included in windows but a custom file .inf is needed for windows 7 and 8. In Windows 10, a new INF, Usbser.inf, has been added that loads Usbser.sys automatically as the function driver.

We do not manage the automatic installation of the .inf file on your PC, but the files exist on CD, in the folder: DL Controller\USB driver

Please follow this note to install your USB driver.

2.0 Windows 7 Installation

Create a new folder on your computer then copy the driver files below from the "DLController Series" CD to this folder:

- usb_dev_serial.inf
- usb_dev_serial_amd64.cat
- usb_dev_serial_x86.cat

Connect the DL controller on an USB port on open the device manager from the control panel.







The DL controller is detected as « USB Serial Device » but has no COM port. Right click on the "USB Serial Device" and select "Update Driver Software".



Select "Browse my computer for driver software", select the folder where the custom .inf and the associated .cat files are located, and click "Next".



Brows the driver folder on your computer.

	×
🚱 🗕 Update Driver Software - USB Serial Device	
Browse for driver software on your computer	
Search for driver software in this location:	
C:\Newport\Motion Control\DLS\Driver Browse	
✓ Include subfolders	
Let me pick from a list of device drivers on my computer This list will show installed driver software compatible with the device, and all driver software in the same category as the device.	
Net Can	:el

Click on the « Install » Button.

Windows Security	×	
Would you like to install this device software?		
Name: Newport Corporation Ports (COM & LPT)		
Always trust software from "MICRO-CONTROLE - SPECTRA PHYSICS SAS".	Install Don't Install	
You should only install driver software from publishers you trust. How can I decide which device software is safe to install?		

The driver is now installed. Click on "Close" button.



The DL Controller have now a COM port and is ready to use.



3.0 Windows 8.1 Installation

Create a new folder on your computer then copy the driver files below from the "DLController Series" CD to this folder:

- usb_dev_serial.inf
- usb_dev_serial_amd64.cat
- usb_dev_serial_x86.cat

Connect the DL controller on an USB port on open the device manager from the control panel.



_ 🗆 🗙 Device Manager 4 File Action View Help 🗢 🌩 🔤 🔲 📴 🔽 📷 🔯 🙀 🎼 ▲ Hindows8PROx64 Audio inputs and outputs Batteries D Computer Disk drives Display adapters DVD/CD-ROM drives Þ Human Interface Devices DE ATA/ATAPI controllers Keyboards Mice and other pointing devices Monitors Network adapters Other devices Base System Device 🖶 Print queues Update Driver Software... ⊳ 2 Processors Disable Þ 🖬 Sound, video and ga Uninstall \triangleright Storage controllers System devices Scan for hardware changes Universal Serial Bus o Þ Properties Launches the Update Driver Software

The DL controller is detected as « Newport Virtual COM » but has no COM port. Right click on the "Newport Virtual COM" and select "Update Driver Software".

Select "Browse my computer for driver software", select the folder where the custom .inf and the associated .cat files are located, and click "Next".

🕒 🛛 (Jpdate Driver Software - USB Serial Device	1
Но	w do you want to search for driver software?	
•	Search automatically for updated driver software Windows will search your computer and the Internet for the latest driver software for your device, unless you've disabled this feature in your device installation settings.	
•	Browse my computer for driver software Locate and install driver software manually.	
		Cancel

Brows the driver folder on your computer.

Update Driver Software - USB Serial Device	×
Browse for driver software on your computer	
Search for driver software in this location: C:\Newport\Motion Control\DLS\Driver	
 Let me pick from a list of device drivers on my computer This list will show installed driver software compatible with the device, and all driver software in the same category as the device. 	
Next Cancel	

Click on the « Install » Button.

•	Windows Security	×
Would you like to Name: New	o install this device software? vport Corporation Ports (COM & LPT) MICRO-CONTROLE - SPECTRA PHYSICS SAS	
Always trust softwork SPECTRA PHYSIC	ware from "MICRO-CONTROLE - 25 SAS".	Install Don't Install
You should only install driver software from publishers you trust. How can I decide which device software is safe to install?		

The driver is now installed. Click on "Close" button.

×
📀 💄 Update Driver Software - USB Serial Device (COM12)
Windows has successfully updated your driver software
Windows has finished installing the driver software for this device:
USB Serial Device
Close



The DL Controller have now a COM port and is ready to use.

4.0 Windows 10 Installation

4.1 Windows 10 Generic Driver

In Windows 10 a generic driver is automatically installed when you connect the DL Controller.

You can use the COM port attributed by this generic driver without need of installing the Newport custom .inf file.



Service Form

Your Local Representative

Tel.: _____

	Fax:
Name	Return authorization #
Company:	(Please obtain prior to return of item)
Addross:	Date:
Audress	Date.
	Phone Number:
P.O. Number:	Fax Number:
Item(s) Being Returned:	
Model#:	Serial #:
Description:	
Reasons of return of goods (please list any specific problems):	

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