



USB 1.1 Serial Adapter

DX-UBDB9

USER GUIDE

Before using your new product, please read these instructions to prevent any damage.

Dynex DX-UBDB9 USB 1.1 Serial Adapter

Contents

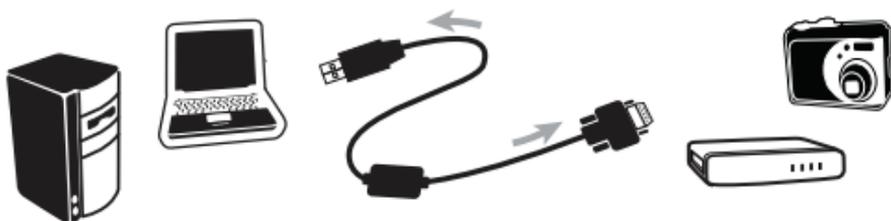
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Introduction

This USB 1.1 Serial Adapter operates as a bridge between a USB port and a standard serial port. Plug the cable into a PC, router, or hub port, and it lets you connect a serial (RS-232) device with a DB9P male connector.

USB Port of PC or laptop

Device with serial port



USB to Serial Adapter Cable

Important safety instructions

Always read the safety instructions carefully.

- Keep this User Guide for future reference.
- Keep this equipment away from humidity.
- Lay this equipment on a reliable flat surface before setting it up.
- If any of the following situations arise, get the equipment checked by a service technician:
 - The equipment has been exposed to moisture.
 - The equipment has been dropped and damaged.
 - The equipment has obvious sign of breakage.
 - The equipment is not working well or you cannot get it to work according to this *User Guide*.

Features

- Compliant with the USB 1.1 specification
- Plug & play compatible
- Debug UART for debug and code development
- USB device drivers available
- 115 kbps rate

Package contents

- USB 1.1 Serial Adapter Cable
- User Guide

System Requirements

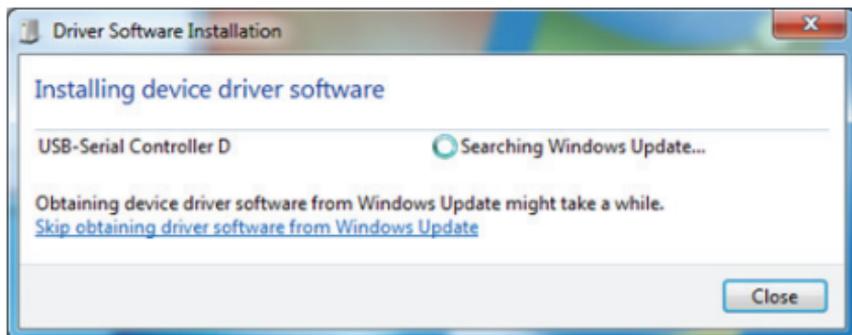
- IBM compatible Pentium-233 MHz processor or faster
- 64 MB RAM or more
- Available USB port
- OS support for all versions of Windows®, Mac OS X or later, and Linux

Installing the driver

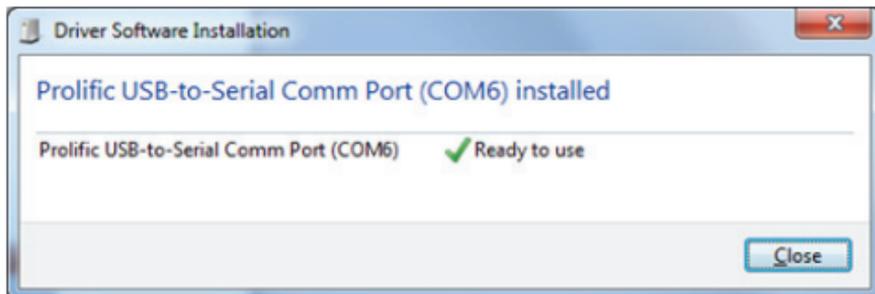
Installing the driver for Windows 7 or Windows 8 via Windows Update

To install the driver for Windows 7 or Windows 8 via Windows Update:

- 1 Make sure that your Internet connection is working.
- 2 Plug the DX-UBDB9 serial adapter into a USB port.
- 3 Windows checks Windows Update and downloads and installs the driver automatically.



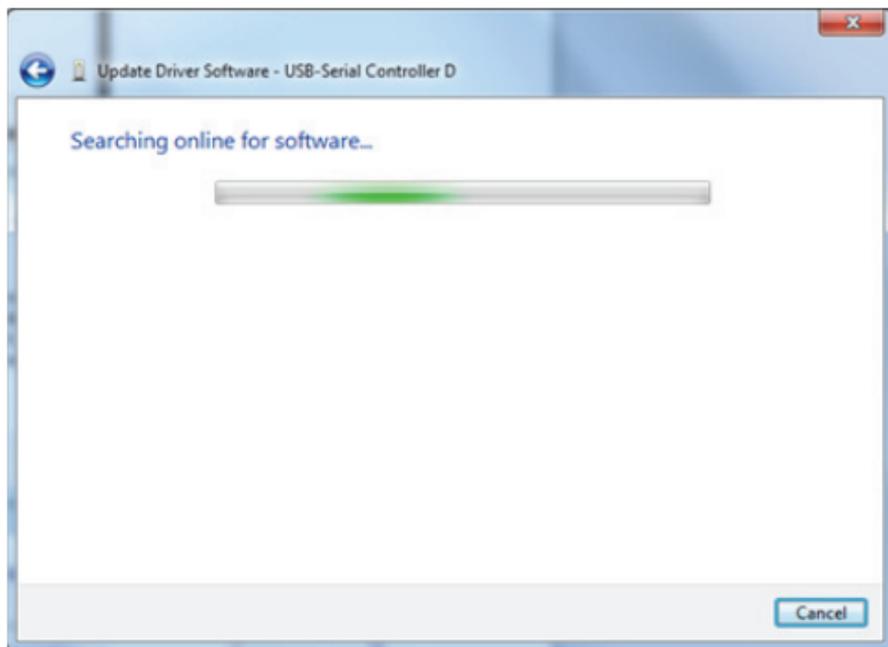
- 4 Windows then prompts you that the Prolific USB-to-Serial Comm Port (COM6) is installed and ready to use.



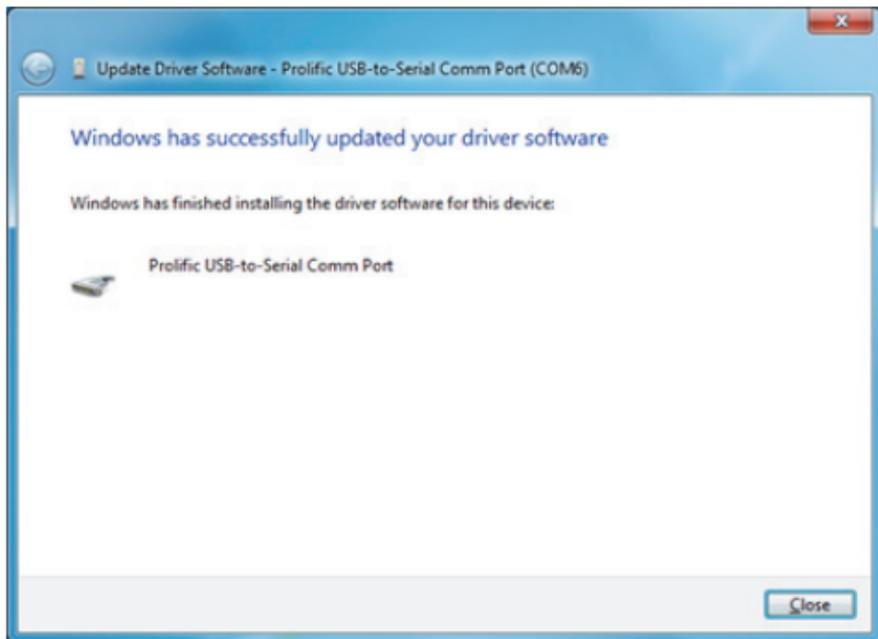
You can also right-click the **USB-Serial Controller** device in the **Device Manager**, then click **Update Driver**.



Windows searches for the correct software.



When Windows finds the software, it installs the software automatically.



- 5 Connect the USB end to an available USB port on your PC, then connect the RS-232 end of the cable to your serial device.

Installing the driver for all versions of Windows

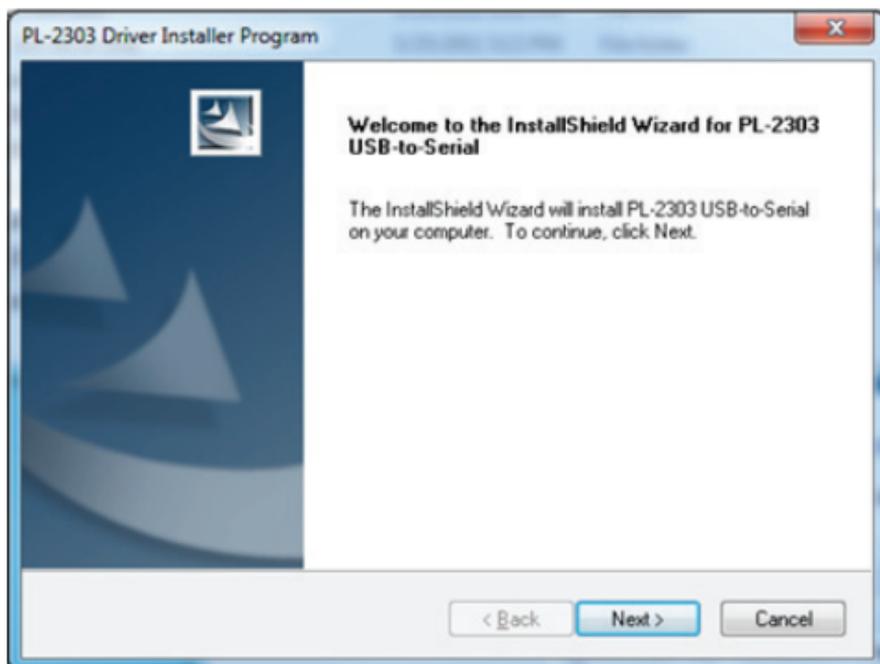
To install the driver for all versions of Windows:

- 1 Make sure that your internet connection is working, then go to www.dynexproducts.com.
- 2 Click **Support & Service**, then enter your model number (DX-UBDB9) in the **Search** field and press **Enter**. The product page opens.

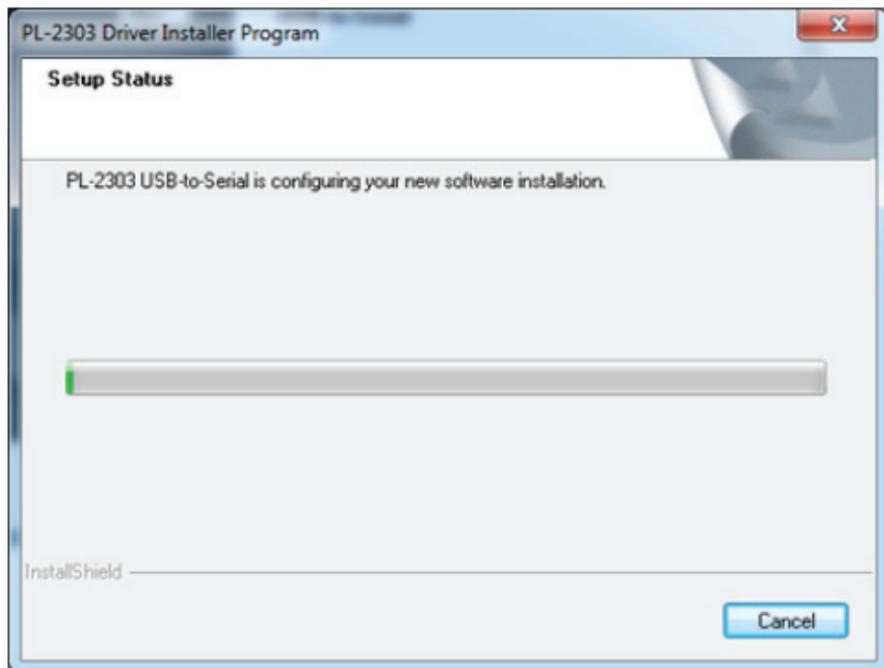
- 3 Click **Support/Downloads**. Under **Drivers, Firmware and Software**, click **Driver - PC English**. The driver will download.

If your computer doesn't have an Internet connection you can download the driver to a USB flash drive using another computer and then run the driver installation wizard from the flash drive.

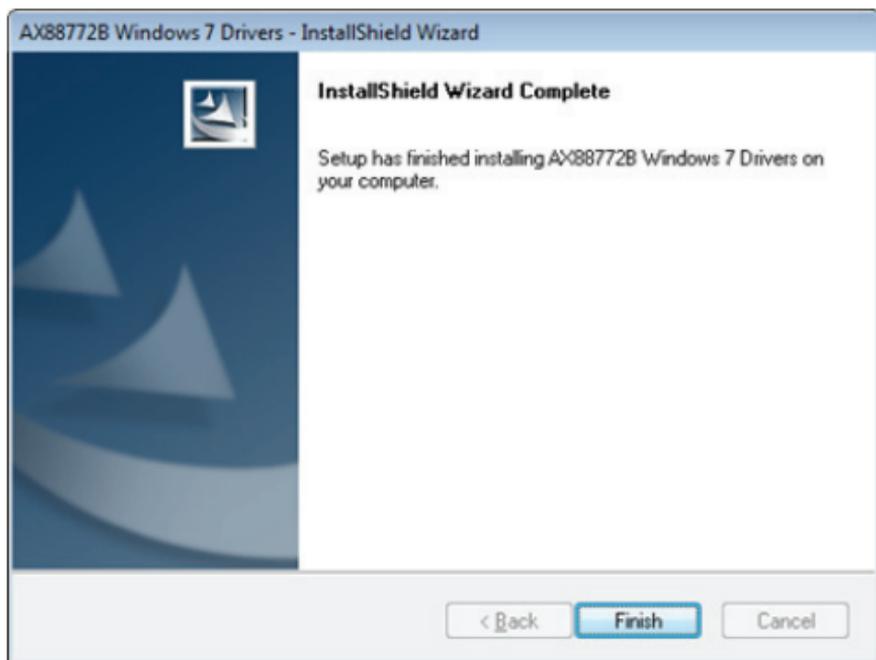
- 4 After downloading the driver, double-click **PL2303_Prolific_DriverInstaller_vX.X.X.exe**, or whatever version of the driver you just downloaded (the version numbers are shown as X.X.X in these instructions). The installation wizard begins.



- 5 Click **Next**. The driver installation begins. You can click the **Cancel** button at any time to stop the installation.



- 6 When the driver installation is complete, the following screen opens. Click **Finish** to close the wizard and automatically restart your computer.



- 7 Connect the RS-232 connector to your serial device. The device is now available for use.

Installing the driver for Linux

No drivers are required for the Linux Operating System.

Installing the driver for Mac OS X

To install the driver for Mac OS X:

- 1 Make sure that your internet connection is working, then go to www.dynexproducts.com.

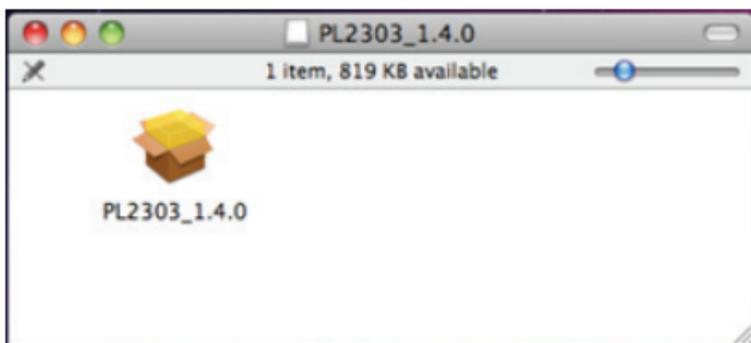
- 2 Click **Support & Service**, then enter your model number (DX-UBDB9) in the **Search** field and press **Enter**. The product page opens.
- 3 Click **Support/Downloads**. Under **Drivers, Firmware and Software**, click **Driver - Mac English**. The driver will download.

If your computer doesn't have an Internet connection you can download the driver to a USB flash drive using another computer and then run the driver installation wizard from the flash drive.

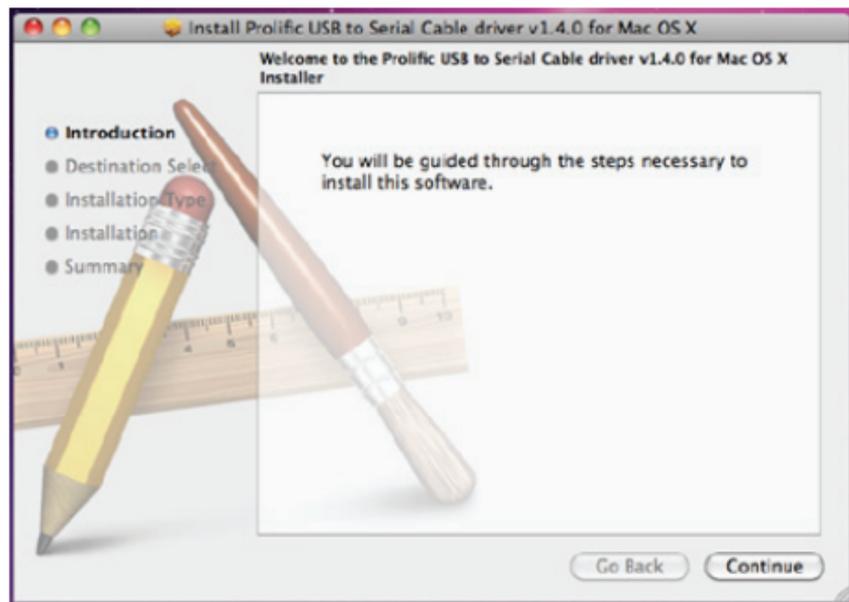
- 4 After downloading the driver, unzip the file **md_PL2303_MacOSX10_6_dmg_vX.X.X**, then click **PL2303_X.X.X.dmg**, or whatever version of the driver you just downloaded.

Note: These screenshots show specific driver version numbers which may not be current. The version numbers are shown as X.X.X in these instructions.

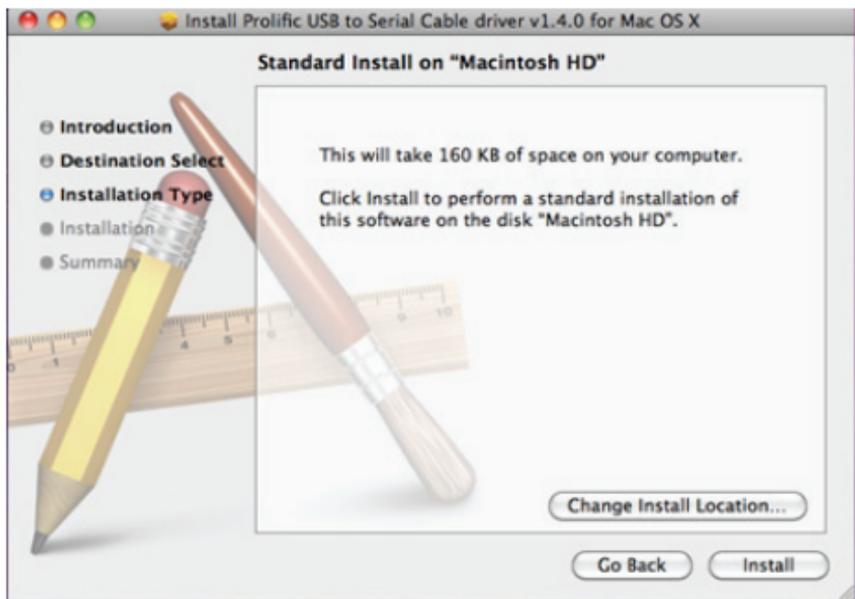
- 5 Click the **PL2303_X.X.X.dmg** icon.



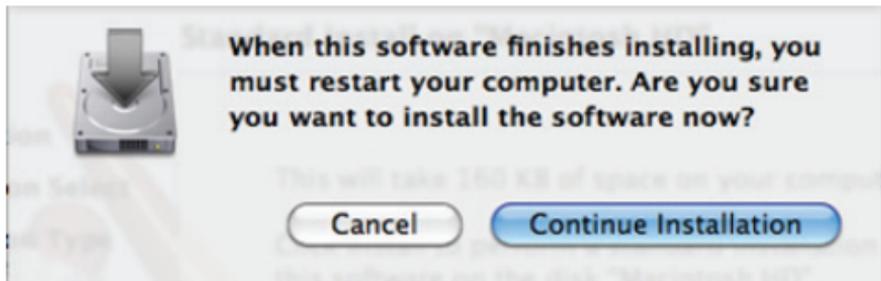
The *Install Prolific USB to Serial Cable Driver v1.4.0 for Mac OS X* screen opens.

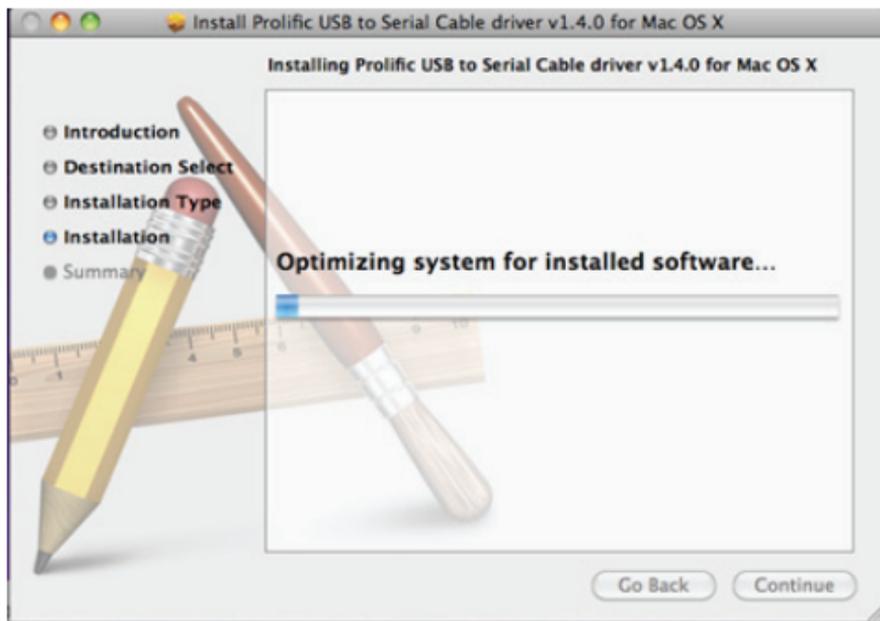


- 6 Click **Continue** to install the driver, then follow the instructions to complete the installation.

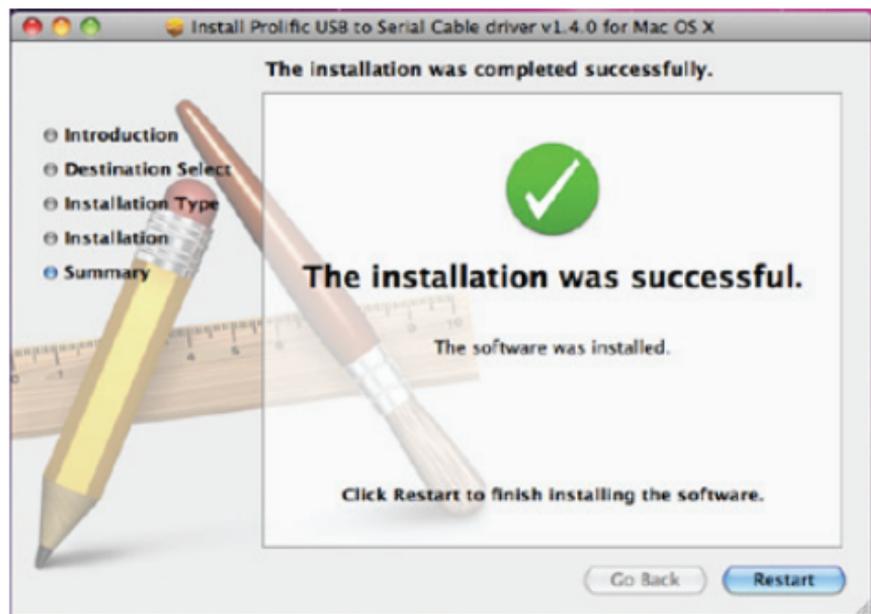


- 7 Click **Install** to continue with the installation. You can also click **Change Install Location** to install the software in a different location.



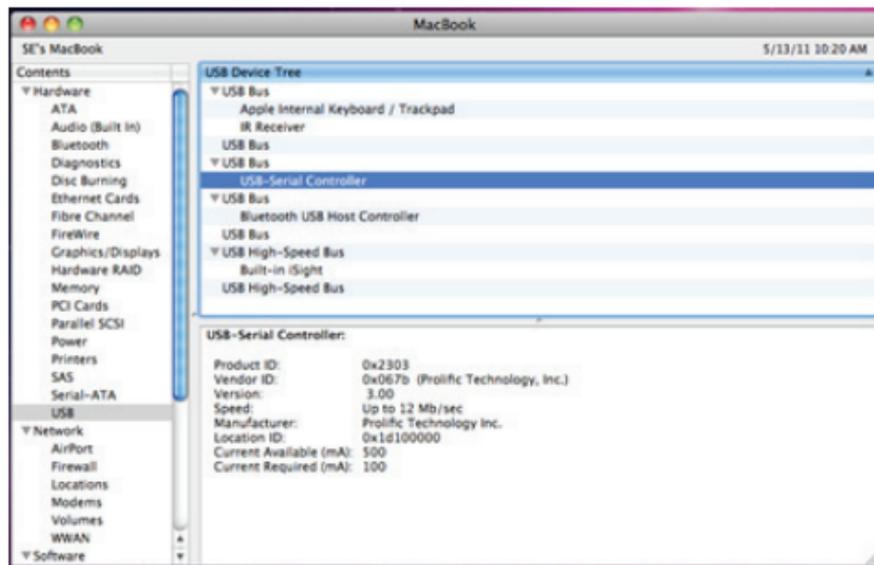


- 8 When the installation is complete, the following screen opens.



- 9 Close all programs, then click **Restart** to reboot your computer.

- 10** Connect the USB end of the DX-UBDB9 cable adapter into an available USB port on your Mac. Click the **USB Hardware Inside System Profiler**. The following screen opens.



- 11** Look for “USB-Serial Controller,” “USB-Serial Controller D,” or “IEEE-1284 Controller” to determine if your Mac has detected your new adapter. Mac OS may also open a dialog box indicating that the new network interface has been detected.



Specifications

USB 1.1 Serial Adapter	
Data transfer rate	115 kbps
Function	USB 1.1 Serial Adapter - Operates as a bridge between a USB port and a standard RS-232 port.

Legal notices

FCC Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measure

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver.

- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help

Warning

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Cables

Connections to this device must be made with shielded cables with metallic RF/EMI connector hoods to maintain compliance with FCC Rules and Regulations

Canadian Notice

IC Notice - Clause 8, ICES-003 Issue 5:
"CAN ICES-3 B/NMB-3 B"

For service and support call (800) 305-2204.

One-year limited warranty

Dynex Products ("Dynex") warrants to you, the original purchaser of this new **DX-UBDB9** ("Product"), that the Product shall be free of defects in the original manufacture of the material or workmanship for a period of one (1) year from the date of your purchase of the Product ("Warranty Period"). This Product must be purchased from an authorized dealer of Dynex brand Products and packaged with this warranty statement. This warranty does not cover refurbished product. If you notify Dynex during the Warranty Period of a defect covered by this warranty that requires service, terms of this warranty apply.

How long does the coverage last?

The Warranty Period lasts for one year (365 days) from the date you purchased the Product. The purchase date is printed on the receipt you received with the Product.

What does this warranty cover?

During the Warranty Period, if the original manufacture of the material or workmanship of the Product is determined to be defective by an authorized Dynex repair center or store personnel, Dynex will (at its sole option): (1) repair the Product with new or rebuilt parts; or (2) replace the Product at no charge with new or rebuilt comparable products or parts. Products and parts replaced under this warranty become the property of Dynex and are not returned to you. If service of products and parts are required after the Warranty Period expires, you must pay all labor and parts charges. This warranty lasts as long as you own your Dynex Product during the Warranty Period. Warranty coverage terminates if you sell or otherwise transfer the Product.

How to obtain warranty service?

If you purchased the Product at a retail store location, take your original receipt and the Product to the store you purchased it from. Make sure that you place the Product in its original packaging or packaging that provides the same amount of protection as the original packaging. If you purchased the Product from an online web site, mail your original receipt and the Product to the address listed on the web site. Make sure that you put the Product in its original packaging or packaging that provides the same amount of protection as the original packaging.

To obtain in-home warranty service for a television with a screen 25 inches or larger, call 1-888-BESTBUY. Call agents will diagnose and correct the issue over the phone or will have an Dynex-approved repair person dispatched to your home.

Where is the warranty valid?

This warranty is valid only to the original purchaser of the Product in the United States and Canada.

What does the warranty not cover?

This warranty does not cover:

- Customer instruction
- Installation
- Set up adjustments
- Cosmetic damage
- Damage due to acts of God, such as lightning strikes
- Accident
- Misuse
- Abuse
- Negligence
- Commercial use
- Modification of any part of the Product
- Plasma display panel damaged by static (non-moving) images applied for lengthy periods (burn-in).

This warranty also does not cover:

- Damage due to incorrect operation or maintenance
- Connection to an incorrect voltage supply
- Attempted repair by anyone other than a facility authorized by Dynex to service the Product
- Products sold as is or with all faults
- Consumables, such as fuses or batteries
- Products where the factory applied serial number has been altered or removed

REPAIR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS YOUR EXCLUSIVE REMEDY. DYNEX SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR THE BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT, INCLUDING, BUT NOT LIMITED TO, LOST DATA, LOSS OF USE OF YOUR PRODUCT, LOST BUSINESS OR LOST PROFITS. DYNEX PRODUCTS MAKES NO OTHER EXPRESS WARRANTIES WITH RESPECT TO THE PRODUCT, ALL EXPRESS AND IMPLIED WARRANTIES FOR THE PRODUCT, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTIES OF AND CONDITIONS OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE WARRANTY PERIOD SET FORTH ABOVE AND NO WARRANTIES, WHETHER EXPRESS OR IMPLIED, WILL APPLY AFTER THE WARRANTY PERIOD. SOME STATES, PROVINCES AND JURISDICTIONS DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS, WHICH VARY FROM STATE TO STATE OR PROVINCE TO PROVINCE.

Contact Dynex:

For customer service please call 1-800-305-2204

www.dynexproducts.com

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