

# PORT AUTHORITY USB 2.0 to SERIAL-ATA ADAPTER MANUAL

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## System Requirements:

### Hardware:

- A USB-enabled PC

### Software:

- Windows® 98/98SE/ME/2000/XP

### Package Contents:

- Installation Guide (this manual)
- The Port Authority USB 2.0 to Serial-ATA Adapter
- Driver CD for Windows 98
- Power Supply for drive
- 15-pin SATA power to 4-pin Molex power adapter cable
- Standard AC Power Cable
- Serial-ATA Data Cable


## Hardware Installation

1. Connect the power cable to the power adapter.
2. Connect the 4-pin molex (white) power plug to the power adapter.
3. Connect the 15-pin SATA (black) power plug to the SATA drive's power receptacle.
4. Connect the Serial-ATA data cable from the SATA drive to the receptacle on the adapter.
5. Plug the power supply into the wall. You should hear the drive spin up.
6. After the computer boots, connect the USB plug on the Port Authority adapter to an available USB port on the computer. Windows will find new hardware and install the appropriate drivers.
7. Hardware installation is complete. Your drive is ready to use!

## Software Installation

**If you are running Windows Me, Windows 2000, or Windows XP you DO NOT need to install a driver or any software from the included CD.**

### To Install the drivers for Windows 98/98SE

1. After plugging in the adapter, Windows will run a Add New Hardware Wizard. Make sure the driver CD is inserted, and Click *Next*.
2. Select **Search for the best driver...** and click *Next*.
3. Check only **Specify a location** and in the box type  Substitute D: for the letter of your CD-ROM drive.

4. Windows should find a driver for "JMicron SATA-USB Combo Device" or something similar. Continue to click Next, and finally Finish to conclude the driver installation.

### To Verify Successful Installation in Windows® 98

1. From the main desktop, right-click **My Computer**, select **Properties**. Click the **Hardware** tab, then **Device Manager**.
2. You should see a category called **Hard Disk Controllers** and a device called **JM20339 SATA, USB Combo**, and a category called **Disk Drives**, with the name of the drive listed.

### To Verify Successful Installation in Windows® 2000/XP

3. Right-click **My Computer**, and select **Properties**. Click the **Hardware** tab, then **Device Manager**.
4. You should see a category called **Universal Serial Bus Controllers** and a device called **USB Mass Storage Device**, and a category called **Disk Drives** with your drive listed as a USB Drive.

## Troubleshooting

**Problem:** Drive and adapter show properly in Device Manager, but no drive letter is available in My Computer or Windows Explorer.

**Solution:** This is a normal occurrence with a new drive, or with a drive that contains an existing partition that Windows does not understand.

Using a new drive with Windows 98/Me: Before you connect the drive via USB, you will need to connect it via IDE and partition and format it using normal methods. Once that is complete, you can connect the drive via USB and use it normally.

Using a new drive with Windows 2000/XP: You can partition and format the drive via USB using the Logical Disk Manager utility. Click Start, then Run. Type **diskmgmt.msc** , and click Ok. This will start the utility. The USB drive should be visible in the bottom pane. Use Windows help for assistance with using Logical Disk Manager. Once you have partitioned and formatted the drive, Windows will assign it a drive letter and it is ready to use.

Using a drive with existing data that Windows does not recognize: If Windows does not assign a drive letter for a drive with data on it, it is because Windows does not recognize the partition on the drive. This is common when connected an NTFS formatted drive (such as a drive from a Windows NT,2000 or XP machine) to a Windows 98 computer. Windows 98 only supports drives that are formatted using the FAT or FAT32 file system. Unfortunately, there is not a practical workaround. You will need to connect the drive to a Windows 2000 or XP computer to retrieve the data.

