NexStar·DX

EXTERNAL 5.25" SATA ENCLOSURE

USER MANUAL

SERIAL ATA

www.vantecusa.com

Package Contents:

Nexstar DX External 5.25" SATA Enclosure:

(NST-530S2):
- Driver CD
- User Manual
- NexStar DX External 5.25" SATA Enclosure
- Power Cable
- USB Cable
- Screws

TRADEMARKS

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Table of Contents:

1. Introduction:

With the Vantec NexStar DX External 5.25" SATA Enclosure, you can easily add any 5.25" SATA Device to your existing system. The NexStar DX connects to your computer through USB 2.0, offering speeds up to 480Mbps and eliminating the need to open your system! The NexStar DX is perfect for anyone looking to add any 5.25" SATA device, such as a DVD burner, to a notebook or desktop computer. Because you don't have to open your computer, you don't have to worry about voiding your existing warranty or dealing with messy wires.The integrated fan and aluminum case also keep your device cool and operating at optimum conditions. The NexStar DX External 5.25" SATA Enclosure is the smart way to upgrade your computer.

2. Specifications/Features:

Nexstar DX External 5.25" SATA Enclosure:

Specifications:
- Interface: SATA to USB 2.0
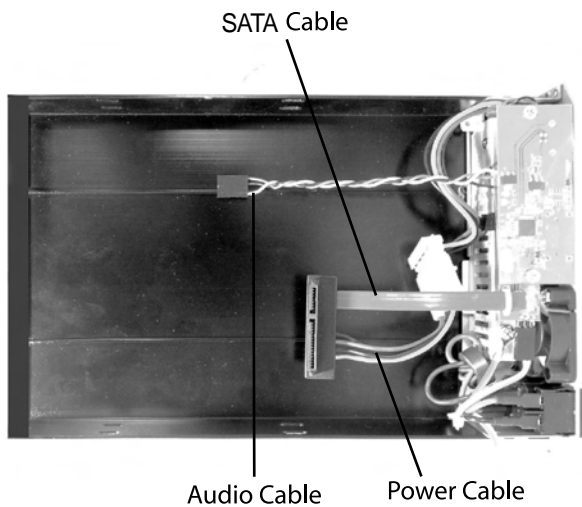- Dimension: 251.5 x 172 x 49 mm

Features:
- Aluminum case
- Integrated 40mm Cooling Fan
- Transfer Rates Up to 12Mbps With USB 1.1
- Transfer Rates Up to 480Mbps With USB 2.0
- Easily Add A 5.25" SATA Device to Any System With USB
- Hot-Swappable: Plug & Play Without Rebooting!
- Easy Installation: No Need To Open Computer!

3. System Requirements:

- Intel Pentium II 350MHz-compatible or Apple G3 processor and greater
- Microsoft Windows 98SE/ME/2000/XP/VISTA or Mac OS 8.6 and greater
- USB-equipped system
- For USB 2.0 speeds, the system must support USB 2.0 specifications
- CD Rom drive (if drivers are needed)

4. Parts Layout:

Nexstar DX External 5.25" SATA Enclosure:

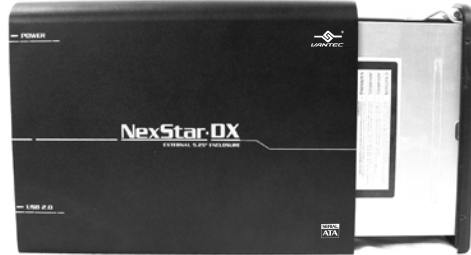

SATA Cable

Audio Cable   Power Cable

5. Nexstar DX External 5.25" SATA Enclosure:

5.1. Hardware Installation:
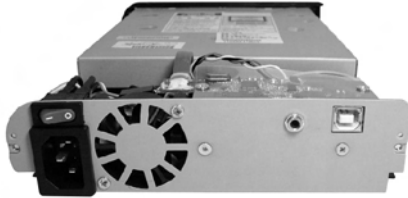
Preparing the 5.25" device:

1) Set the jumper on the device to MASTER (if applicable). Please refer to the documentation included with your device for information on how to accomplish this.

2) Remove the back plate from the enclosure and slide the tray out from the housing.

Installing the 5.25" SATA device in the NexStar DX:

3) Connect the SATA cable and power cable to the 5.25" device as pictured below. If your device supports external audio, connect the audio cable to the device with the RED wire corresponding to the R and the WHITE wire corresponding to the L on the device.

4) Set the 5.25" device into the tray so that the holes in the device line up with the holes in the tray. Align the device so that the front of the device is flush with the front of the NexStar DX. Using the included screws, attach the device to the tray.

5) Slide the housing back onto the tray. Attach the back plate to the enclosure and attach with the two screws provided.

Note: When removing the 5.25" device from the Nexstar DX, be careful not to yank on the SATA cable or the power cable. To remove the SATA cable, grasp the cable between your thumb and index finger and gently pull at the sides until the cable comes loose. To remove the power cable, grasp the sides of the plug and pull.

Connecting the Nexstar DX to your computer:

1) Connect the appropriate interface cable between the Nexstar DX and your computer
   a. USB: Connect the type B connector to the Nexstar DX and the type A connector to an available USB 1.1/2.0 port on your system.
2) Connect the power cable to the Nexstar DX and plug the cable into an available outlet.
3) Turn on the Nexstar DX via the power switch.
4) Your operating system should detect the Nexstar DX and automatically install the necessary drivers (if you have Windows 98SE/MacOS 8.6, you will need to install drivers). Once your operating system finishes setting up the Nexstar DX, it will mount your new device and assign a drive letter. If the device does not mount, you may need to install drivers for the 5.25" device (not Nexstar DX). Please refer to the 5.25" device's instructions on how to install its drivers.
5) The 5.25" device in the Nexstar DX Enclosure is now ready for use.

Using the Audio Jack:

1) If you have connected the audio cable to your 5.25" device, you can access the audio from that device through the included Audio Jack, labeled "AUDIO" as pictured on right. Using a standard 3.5mm plug, you can connect the Nexstar DX to a pair of headphones or to a speaker setup.

8   Installation: Nexstar DX External 5.25" IDE SATA Enclosure

5.2. Driver Installation:

Windows ME/XP/2000/VISTA - *(NST-530S2):*

1) No drivers are necessary when using Windows ME/XP/2000/Vista. If the device does not appear under My Computer, you may need to install drivers for the 5.25" device (not Nexstar DX). Please refer to the 5.25" device's instructions on how to install its drivers.

Windows 98SE

USB (NST-530S2):

1) If this is the first time you are using the Nexstar DX, unplug the Nexstar DX if you currently have it connected. If the [Add New Hardware Wizard] dialog box is open, close it.

2) Insert the driver CD into your CD Rom drive.

3) If the CD does not autoplay, open the drivers CD and run "SETUP.EXE."

4) Follow the on-screen prompts to complete the installation of the USB drivers for the Nexstar DX.

5) After the install is completely, the install program will create the shortcut [USB SAFE REMOVER] on your desktop. A green Unplug or Eject hardware icon will appear in the system tray too. If the device does not appear under My Computer, you may need to install drivers for the 5.25" device (not Nexstar DX). Please refer to the 5.25" device's instructions on how to install its drivers.

6) Repeat the steps listed under "Connecting the Nexstar DX to your computer."

Mac OS 9.0 or later - (NST-530S2):

1) No drivers are necessary when using Windows ME/XP/2000. If the device does not appear under My Computer, you may need to install drivers for the 5.25" device (not Nexstar DX). Please refer to the 5.25" device's instructions on how to install its drivers.

> Note: If you are using Toaster as your CD recorder software in Mac OS 9.0 or later, you must install the USB 2.0 extension driver for Toaster. Please check http://www.roxio.com for more information.

Mac OS 8.6 - (NST-530S2):

1) Unplug the Nexstar DX if you currently have it connected.
2) USB Mass Storage Support 1.3.5 must be installed on your system. If it is not, you can download the USB Mass Storage Support 1.3.5 from the Apple Software Updates website: http://www.apple.com/support
3) Follow the direction associated with the USB Mass Storage Support driver to install
4) Repeat the steps listed under "Connecting the Nexstar DX to your computer."

6. Disconnecting the Nexstar DX:

> Warning: NEVER remove the Nexstar DX while the device in the enclosure is in use. Doing so may damage the device in the enclosure, the Nexstar DX, or the computer.

Windows 98SE/ME/XP/2000/VISTA:
1) Make sure all operations using the hard drive within the Nexstar DX has ceased.
2) Close any windows and programs pertaining to the Nexstar DX.
3) If a CD/DVD drive is installed in the Nexstar DX, eject any CD/DVD media in the tray.
4) If connected by USB, double click the green "Unplug or Eject Hardware" icon in the system tray and select [Safely Remove Hardware]. Select the device you wish to remove and click on [Stop]. The system should prompt, "It is now safe to remove the USB device." If not, wait for any programs still using the device to finish and try again.
6) Turn off the Nexstar DX.
5) Unplug the USB/Firewire cable from the system.

Mac OS:
1) Make sure all operations using the hard drive within the Nexstar DX has ceased.
2) Close any windows and programs pertaining to the Nexstar DX.
3) If a drive is mounted to the desktop, drag the Nexstar DX drive to the trash. If a CD/DVD drive is installed in the Nexstar DX, eject any CD/DVD media in the tray.
4) Turn off the Nexstar DX.
5) Unplug the USB/Firewire cable from the system.

Disconnecting the Nexstar DX   11

7. Troubleshooting/FAQ:

Nexstar DX External 5.25" SATA Enclosure:

Q. What should the jumper settings on my 5.25" SATA device be set to?
A. We recommend the 5.25" SATA device be set to MASTER.

Q. My computer recognizes the Nexstar DX, but it does not mount the device.
A. Your device may require its own additional drivers, separate from the Nexstar DX drivers . Please follow the installation instructions that come with your 5.25 " SATA device If you are using a Mac system , please note that for CD / DVD drives , the drive will only mount on your desktop when there is CD/DVD media inserted.

Q. My computer sometimes recognizes the Nexstar DX, but sometimes gives me errors.
A. If your computer is giving you problems with the Nexstar DX, be sure to connect the USB cable to a rear port, directly off the motherboard or USB PCI card. The cables connecting front USB ports are not always properly shielded and cannot properly handle USB 2.0 speeds, thereby corrupting the signal between the Nexstar DX and the computer.

Q. Why am I getting "Delayed Write Errors" in Windows XP/2000?
A. Windows XP/2000 tries to write 512K packets of data to through FireWire occasionally, which is much more than what is supposed to be written (128K packets). Microsoft has since released a patch for Windows XP with its Service Pack 2 release. A similar fix should be available for Windows 2000 through Microsoft's website.

12   Troubleshooting/FAQ

8. Warranty:

The Nexstar DX comes with a 1 year limited warranty (90 day parts). If your unit should become defective within that time frame, please go to http://www.vantecusa.com for information on how to receive warranty exchange or repair. Cosmetic defects and missing parts are not covered under this warranty. Please check the contents of the unit to make sure you received all parts. Also, check for any cosmetic flaws. If any parts are missing or if there are cosmetic defects, please contact the retailer from which you purchased the unit immediately and ask for a replacement.

9. Contact:

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