Before using your new product, please read these instructions to prevent any damage.
Introducing the NS-PCHD335/NS-PCHD335-C USB 3.0 Desktop Hard Disk Drive Enclosure

Safety Information

### Important Safety Instructions

- This hard drive enclosure is to be used in temperatures of 41–95°F (5–35°C). Temperatures exceeding these limits may damage your hard drive or the enclosure. Avoid heat sources or direct sunlight.

- Do not connect the hard drive enclosure to your computer without taking precautions to avoid electrostatic discharge or short circuits, which could damage the hard drive enclosure or your computer.

- Do not place this hard drive enclosure close to a source of strong magnetic fields (such as a computer screen, TV, radio, or speaker). Strong magnetic fields can affect the reliability of data transfer to and from the hard drive enclosure.

- To prevent short circuits, do not place anything heavy on top of the hard drive enclosure.

- Use only the accessories provided in the accessory package.

- Before you install or use the hard drive enclosure, read the user manual and assemble the enclosure carefully.

- To prevent short circuits, do not leave any metal objects inside the enclosure when installing the hard drive.

- The hard drive enclosure can be stored in a humidity range of between 10% and 90%, and can be operated in a humidity range of between 5% and 80%.

- Do not expose this device to rain or moisture.

**CAUTION**

RISK OF ELECTRIC SHOCK DO NOT OPEN

This symbol indicates that dangerous voltage constituting a risk of electric shock is present within your hard drive enclosure.

This symbol indicates that there are important operating and maintenance instructions in the literature accompanying your hard drive enclosure.

### System Requirements

- One 3.5" SATA hard drive.
- PC or Macintosh computer with an available USB 3.0 port. (You can connect to a USB 2.0 port, but it will only run at USB 2.0 speeds).
- Supports Microsoft Windows XP, Windows Vista, and Windows 7 operating systems.
- Supports Mac OS X version 10.4 or higher operating system (USB 2.0 only).

For best performance and reliability, install the latest updates and service packs (SP) for Windows (go to the Start menu and select Windows Update).

### Features

- Provides a USB 3.0 interface compatible with prior USB 2.0 and 1.1 standards.
- Supports 3.5" SATA interface hard drive.
- Has a power switch as well as power and activity indicators.
- Rapid heat dissipation.
- Supports Plug-and-Play and is hot-swappable.
- Patented strong aluminum design.
- Simple to set up and easy to use.
INSIGNIA™

USB 3.0 Desktop Hard Disk Drive Enclosure

Package contents
• USB 3.0 3.5” SATA hard drive enclosure
• Hi-speed USB 3.0 A - B cable
• 12V/2A AC power adapter
• Quick Setup Guide
• Screwdriver
• Screws

Setting up your hard drive enclosure

Read the safety precautions before you install your hard drive in the enclosure:
• Use only the accessories provided.
• Make sure that you first touch an unpainted, grounded metal object to discharge any static electricity stored on your clothing or body before touching any electronic components.
• Handle the printed circuit board (PCB) by the edges only. Avoid touching the electronic components.

Installing your hard drive in the enclosure

To install your hard drive in the enclosure:
1. Remove the two screws from the panel with the USB connector.
2. Remove the plastic end cap and circuit board.
3. Connect your hard drive’s SATA connector to the corresponding connector on the enclosure circuit board and secure the drive to the drive tray with the screws (4) provided.
4. Gently slide the drive tray, with drive attached, into the enclosure.
5. Replace the two screws on the left-side panel.

Notes
• Make sure you have installed the hard drive into the enclosure before connecting the enclosure to your computer.
• A new hard drive must be initialized and partitioned before it will appear in Windows Explorer or on your Mac desktop. Refer to your hard drive manufacturer’s documentation, or see “Formatting the hard drive on your PC” on page 4.
• For optimal performance, make sure your laptop or PC has USB 3.0 ports ( ). If your computer does not have USB 3.0 capability, you can plug the USB 3.0 cable into any available USB 2.0 port, but it will only run at USB 2.0 speeds.

Front

<table>
<thead>
<tr>
<th>#</th>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Power indicator (yellow)</td>
<td>Turns on when the hard drive is turned on.</td>
</tr>
<tr>
<td>2</td>
<td>Activity indicator (blue)</td>
<td>Blinks when the hard drive is active.</td>
</tr>
<tr>
<td>3</td>
<td>On/Off switch</td>
<td>Press to turn off your hard drive enclosure.</td>
</tr>
<tr>
<td>4</td>
<td>USB 3.0 B type port</td>
<td>Connect a USB cable to this port and to your computer.</td>
</tr>
<tr>
<td>5</td>
<td>12V DC in port</td>
<td>Connect the AC power adapter to this port.</td>
</tr>
</tbody>
</table>
To connect the enclosure to your computer:
1. Plug the smaller USB 3.0 (Micro-B type) connector on the USB cable (provided) into the port on the enclosure.
2. Plug the other end of the cable into a USB port on your computer.
3. Connect the AC adapter to the enclosure and then into a wall outlet.

The operating system automatically detects and sets up the new drive.
- For PCs, the new drive letter appears in My Computer.
- For Macintosh computers, the new drive letter appears on the desktop.

You can disconnect the enclosure at any time while the computer is turned off. If, however, you want to disconnect it while the computer is on, make sure that you do it correctly.

To disconnect the enclosure while your PC is running:
1. Right-click the Safely Remove Hardware icon (located near the clock on the taskbar).
2. Click the drive you want to unplug, then click STOP.
3. When Windows notifies you that it is safe to do so, unplug the enclosure from your computer.

Caution
Doing the following will erase any existing data on the drive. If the drive is damaged and you wish to recover the data, continuing may overwrite the existing information!

Note
If a drive window is open or the hard drive enclosure is active, close any associated windows before trying to remove the enclosure.

Caution
Formatting is only required for a new hard drive. Do not format a drive that contains valuable data that you want to save.

To format the hard drive on your PC:
1. Right-click on My Computer, or Computer, depending on which version of Windows you have, then click Manage.
2. Select Disk Management under Storage on the left pane. Your PC should give you the option to initialize the disk. If not, locate the new drive, right-click on it (where it reads "New Simple Volume"), then click Initialize. (This step may not be required for some hard drives).
3. Follow the prompts in the wizard.
4. When the process is complete, locate your hard drive in the bottom right pane. Right-click on the area with a status bar (to the right of the "New Simple Volume" area), then click New Partition.
5. Continue following the wizard's directions. The recommended partition type is "primary" and the recommended file system is "NTFS." Note that Windows XP limits FAT32 partitions to only 32GB. You should now be able to see the drive in Windows Explorer.

Note
If you do not see an additional drive in your system, you might need to format the new drive. See the following section for more information on detecting and formatting your drive.

Note for Macintosh users:
If you do not see an additional drive in your system, select Disk Utilities from the Utilities folder, then select the external enclosure and format the drive to meet your requirements.

Note
For new hard drives, you need to initialize and partition your hard drive before it will appear in Windows Explorer.

The best way to partition a new hard drive is to use the manufacturer’s program. Most hard drives should come with a CD that includes the installation program. If not, visit the manufacturer’s website to see if a download is available. If the manufacturer’s program is not available, try the following instead:

To create a new partition on your PC:
1. Right-click on My Computer, or Computer, depending on which version of Windows you have, then click Manage.
2. Select Disk Management under Storage on the left pane. Your PC should give you the option to initialize the disk. If not, locate the new drive, right-click on it (where it reads "New Simple Volume"), then click Initialize. (This step may not be required for some hard drives).
3. Follow the prompts in the wizard.
4. When the process is complete, locate your hard drive in the bottom right pane. Right-click on the area with a status bar (to the right of the "New Simple Volume" area), then click New Partition.
5. Continue following the wizard’s directions. The recommended partition type is "primary" and the recommended file system is "NTFS." Note that Windows XP limits FAT32 partitions to only 32GB. You should now be able to see the drive in Windows Explorer.

Formatting the hard drive on your PC

Caution
Formatting is only required for a new hard drive. Do not format a drive that contains valuable data that you want to save.

To format the hard drive on your PC:
1. Click Start, then click Control Panel.
2. Click Performance and Maintenance (in Windows 7, click System and Security), then click Administrative Tools.
3. Click Computer Management, then click Disk Management from the menu on the left side of the screen.
Formatting the hard drive in Mac OS X

To format the hard drive:

1. Double-click the hard drive icon (found on the desktop or in the Finder sidebar).
2. Click the Utilities folder in the Finder sidebar.
3. Select the Disk Utility application.
4. From the list of drives, select the hard drive you want to initialize, then click Initialize.

To initialize a Hard Drive:

1. Click Erase.
2. Select MacOS Extended Format.
3. Reerase if desired.
4. When ready, click OK, then click Initialize.

If initialization fails, do the following:

1. Click Initialization Options from the Functions menu.
2. Select Low level format, then click OK.

To format your hard drive with Mac OS Extended format:

1. Select the new hard drive you are trying to format.
2. Click the Erase tab.
3. Choose a volume format and assign a name to the new drive, then click Erase.

Creating a new partition in Mac OS X 10.4 or higher

1. Click the Partition tab.
2. From the list of drives, select the drive you want to partition, then click OK.
3. Select the new partition you are trying to initialize, then click Initialize.

If initialization fails, do the following:

1. Click Custom Setup.
2. Select the Type menu in the Volume info area, then click MacOS Extended Format.
3. Resize the volumes if desired.
4. When ready, click OK, then click Initialize.

Troubleshooting

I do not see the enclosure/additional drive in my system

- Make sure the drive is functioning. A drive that does not work in a laptop will more than likely not work with the enclosure either. If you have a computer that does not support support USB 3.0, then if using a new hard drive, have you formatted and partitioned the drive? If not, see "Partitioning and formatting a new hard drive" on page 4.
- Make sure the enclosure is connected to a USB 3.0 or 2.0 port. Transfer speeds are optimal/best with your hard drive if using a new hard drive connected. Unplugging the hard drive, then restarting your computer. If the drive is not visible, try using a different drive letter.
- Nuclear Hard Disk Drives operate at speeds slower than the USB 3.0's maximum data transfer rate. If using an HDD, your transfer speeds will be faster on USB 3.0 than on USB 2.0, but will still be limited by the physical disk's throughput.
- Make sure to check the hard drive manufacturer or PC manufacturer for information on how to test your hard drive.
- The enclosure may not be receiving enough power to spin up the hard drive. USB ports are supposed to have a power rating of 5V 500mA. If the system provides less than 500mA per USB port, the enclosure may not have enough power to spin up the hard drive completely (although the enclosure will light up and you will hear the drive attempting to spin up).
- Make sure that the USB cable is connected firmly to your enclosure and computer.
- Make sure that the USB cable is not broken or damaged or that the connections are securely fastened.
- There are some computers that have difficulty starting with a USB hard drive connected. Unplugging the hard drive, then restarting your computer. If the drive does not work, try using a different drive letter.
- The hard drive can't find the hard disk in MY COMPUTER. The data transfer between computer and device is slow

- Your system may be operating at USB 2.0 speeds due to an incorrect driver installation of the USB 3.0 adapter card. If you have a system that does not support USB 3.0, you may have a system that does not support USB 3.0. If your system includes a PCIe slot, you can achieve SuperSpeed USB transfer rates by installing a USB 3.0 PCIe adapter card.
- Make sure the enclosure is connected to a USB 3.0 or 2.0 port. Transfer speeds are optimal/best with your hard drive enclosure if you are using USB 3.0 ports. Data throughput is greatly affected by the type and location of data on the disk. A very large file will copy much faster than many small files since the larger files are more likely to be arranged sequentially on the disk.
- Do not use non-powered USB hubs because they often are unable to provide enough power.
- The USB hub in the enclosure may not be receiving enough power to spin up the hard drive.
- Choose a partition size less than 2TB. A partition of 2TB will only fit on a hard drive that supports that size. There is a USB icon in MY COMPUTER. There is no USB icon in MY COMPUTER.
- If you have a desktop computer, try using the USB ports on the back of the computer instead of the front USB ports. This will ensure that the connection is secure. If using a new hard drive, have you formatted and partitioned the drive? If not, see "Partitioning and formatting a new hard drive" on page 4.
- If you have a hard drive connected, make sure that it is the only device connected to the computer. If you have Windows 7, you may not have rights to the files and folders. Go to http://support.microsoft.com/kb/2525670 for more information.
Specifications

<table>
<thead>
<tr>
<th>Device interface</th>
<th>SATA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimensions (WxLxH)</td>
<td>6.4 x 3.1 x 0.6 inches (167.2 x 78.7 x 15.2 mm)</td>
</tr>
<tr>
<td>Host interface</td>
<td>USB 3.0 Micro B type</td>
</tr>
<tr>
<td>Power supply</td>
<td>USB power</td>
</tr>
<tr>
<td>Hard drives supported</td>
<td>1 TB 2.5” SATA interface hard drive (max height 0.374 in [9.5 mm])</td>
</tr>
<tr>
<td>Operating temperature</td>
<td>Operating: 32–104°F [0–40°C]</td>
</tr>
<tr>
<td>Operating humidity</td>
<td>20% to 80% non-condensing</td>
</tr>
<tr>
<td>Certification</td>
<td>FCC Class B, ICES-003</td>
</tr>
</tbody>
</table>

Legal notices

FCC Part 15

This device complies with Part 15 of the FCC Rules. Operation of this product 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 within 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 measures:

- 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 technician for help.

FCC warning

Changes or modifications not expressly approved by the party responsible for compliance with the FCC Rules could void the user’s authority to operate this equipment.

ICES-003 statement

CAN ICES-3 (B)/NMB-3 (B)
What does the warranty not cover?

What is the warranty valid?

How is the warranty valid?

Where is the warranty valid?

How does the warranty cover?

What does this warranty cover?

Definitions:

WARRANTY - INSIGNIA

INSIGNIA

ONE-YEAR LIMITED WARRANTY - INSIGNIA

The Distributor* of Insignia branded products warrants to you, the original purchaser of this new Insignia-branded product ("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").

For this warranty to apply, your Product must be purchased in the United States or Canada from a Best Buy or Future Shop branded retail store or online at www.bestbuy.com, www.bestbuy.ca, or www.futureshop.ca and is packaged with this warranty statement.

How long does the coverage last?

The Warranty Period lasts for 1 year (365 days) from the date you purchased the Product. Your 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 Insignia repair center or store personnel, Insignia will (at its sole option): (1) repair the Product with new or rebuilt comparable products or parts. Products and parts replaced under this warranty become the property of Insignia and are not returned to you. If service of Products or 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 Insignia 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 Best Buy or Future Shop retail store location, please take your original receipt and the Product to any Best Buy or Future Shop store. 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 a Best Buy or Future Shop online web site (www.bestbuy.com, www.bestbuy.ca, or www.futureshop.ca), 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 warranty service, in the United States call 1-888-BESTBUY for retail stores. In Canada call 1-866-BESTBUY. Call agents may diagnose and correct the issue over the phone.

Where is the warranty valid?

This warranty is valid only in the United States and Canada at Best Buy or Future Shop branded retail stores or websites to the original purchaser of the product in the country where the original purchase was made.

What does the warranty not cover?

This warranty does not cover:

- Connection to an incorrect voltage or power supply
- Attempted repair by any person not authorized by Insignia to service the Product
- Products sold "as is" or "with all faults"
- Consumables, including but not limited to batteries (i.e. AA, AAA, C, etc.)
- Products where the factory applied serial number has been altered or removed
- Loss or Theft of this product or any part of the product
- Display panels containing up to three (3) pixel failures (dots that are dark or incorrectly illuminated) grouped in an area smaller than one tenth (1/10) of the display size or up to five (5) pixel failures throughout the display. (Pixel based displays may contain a limited number of pixels that may not function normally)
- Failures or Damage caused by any contact including but not limited to liquids, gels or pastes.
- Repairs or replacements as provided under this warranty is your exclusive remedy for breach of warranty. Insignia 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, loss of use, loss of data, loss of use of your product, lost business or lost profits. Insignia does not make any expression of warranty, implied warranty 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 Insignia:

For customer service please call 1-877-467-4289

www.insigniaproducts.com

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