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# NEC Versa<sup>®</sup> LX, LXi, and SX

## NEC VersaBay III CD-RW Drive Pak

Congratulations on purchasing the NEC VersaBay III CD-RW drive pak! The NEC VersaBay III CD-RW drive features the latest in CD-ROM technology. It is fully compatible with Kodak Multisession Photo CDs™ and standard audio CDs. You can use your drive to load and start programs from compact discs or to play audio CDs while you work or relax. With Windows<sup>®</sup>, you can also play full-length CD-i movies. Additionally, with the included application software, you can write information to a CD.

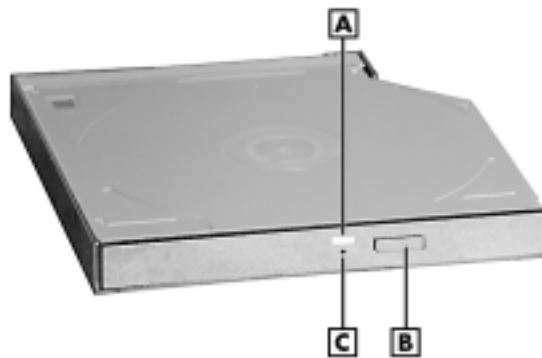
In addition to introducing the NEC VersaBay III CD-RW drive features, this sheet describes:

- Removing a device from the NEC VersaBay III and installing the NEC VersaBay III CD-RW drive. (For more details about the NEC VersaBay III, see your NEC Versa User's Guide.)
- Installing the NEC CD-RW CD software.
- NEC VersaBay III CD-RW drive specifications.

### ***NEC VersaBay III CD-RW Drive Features***

The NEC VersaBay III CD-RW drive offers the features shown in the following figure.

*NEC VersaBay III CD-RW drive features*



**A** - Status LED    **B** - Release Button    **C** - Emergency Eject Hole

These features offer the following functions:

- Status LED — lights during data read operations. Do not eject the disc or turn off the NEC Versa when the indicator is lit.
- Release Button — ejects the CD tray. Press this button when the power is on to insert a CD into or remove a CD from the drive.
- Emergency Eject Hole — allows you to manually remove a CD or videodisc from the NEC VersaBay III CD-RW drive if the eject function is disabled by software or a power failure. To remove the disc, insert the end of a paper clip into the eject hole and push in until you hear a click. Manually open the drawer.

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## ***Removing a Device from the NEC VersaBay III***

Follow these steps to remove a device from the NEC VersaBay III.

1. Save your files.
2. Either shut down Windows and power off the NEC Versa, or use warm or hot swapping, which is available with the NEC VersaBay III Swapping utility. The Swapping utility is provided on the Application and Driver CD that ships with the system.
3. Close the LCD panel and locate the NEC VersaBay III on your system.

For the NEC Versa LX and LXi, the NEC VersaBay III is located on the front of the system.

### *NEC Versa LX and LXi*



**A** - NEC VersaBay III

For the NEC Versa SX, the NEC VersaBay III is located on the right side of the system.

### *NEC Versa SX*

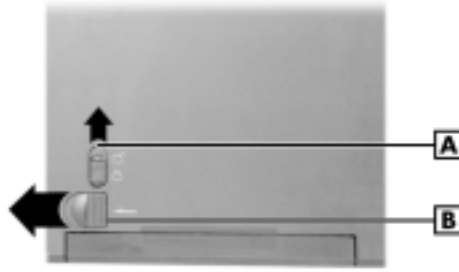


**A** - NEC VersaBay III

4. Turn the NEC Versa upside down and locate the release lock (see the figure on the following page). Slide the release lock to the unlocked position.

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5. Locate the release latch. Slide the release latch to the unlocked position.

*NEC VersaBay III release lock and latch*



A - Release Lock      B - Release Latch

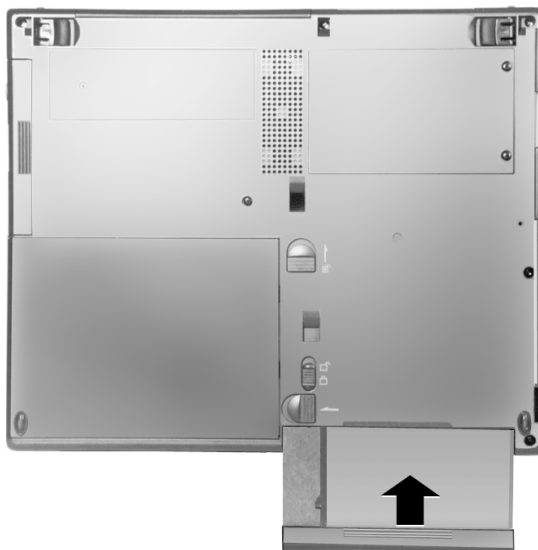
6. Remove the device from the NEC VersaBay III.

## ***Installing the NEC VersaBay III CD-RW Drive***

Follow these steps to install the NEC VersaBay III CD-RW drive in the NEC VersaBay III.

1. Save your files.
2. Shut down Windows and power off the NEC Versa.
3. Close the LCD panel and locate the VersaBay III on your system. For NEC VersaBay III locations, see the previous section, "Removing a Device from the NEC VersaBay III."
4. If there is an NEC VersaBay III device in the NEC VersaBay III, refer to the instructions in the previous section, "Removing a Device from the NEC VersaBay III."
5. Turn the NEC Versa upside down and locate the release lock and the release latch (see the previous figure).
6. Slide the release lock to the unlocked position. Slide and hold the release latch in the unlocked position.
7. Align and install the device into the NEC VersaBay III.

*Installing the device into the NEC VersaBay III*



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8. Slide the release lock to the locked position.
  9. Turn the system over, open the LCD panel, and power on the system.

## ***Installing the NEC CD-RW CD Software***

The NEC CD-RW CD contains a driver and two applications that need to be installed after installing the CD-RW drive into the NEC VersaBay III. The following sections provide the installation instructions for the driver and applications. The driver installation only applies to systems with Windows 95 and Windows 98.

### ***Installing the DOS Mode CD-ROM Driver (Windows 95/98)***

Use the following procedure to install the DOS mode CD-ROM driver.

1. Insert the NEC CD-RW CD into the CD-RW drive. The Choose an Option dialog box appears. If the CD does not load automatically, do the following.
  - Double click on My Computer on the Windows desktop.
  - Double click on the CD drive.
2. Select 'Install DOS mode CDROM driver for the CD-R/RW' in the Choose an Option dialog box.
3. Click OK.
4. Driver installation completes. Click OK.

### ***Installing Easy CD Creator***

Easy CD Creator is an application that allows you to create data and audio CDs. Follow these steps to install Easy CD Creator.

1. In Windows 95 and Windows 98, double click on My Computer.

In Windows 2000 and Windows NT, insert the NEC CD-RW CD into the CD-RW drive. The Adaptec Master Setup screen appears. If the CD does not load automatically, do the following.

  - Double click on My Computer on the Windows desktop.
  - Double click on the CD drive. The Adaptec Master Setup screen appears. Go to step 3.
2. In Windows 95 and Windows 98, the Choose an Option dialog box appears. Select 'Run Adaptec CD-R/RW software installation program' and click OK. The Adaptec Master Setup screen appears.
3. Click Easy CD Creator.
4. The Adaptec Easy CD Creator Setup appears. Click Next.
5. The Software License Agreement appears. Click Yes.
6. The Choose Destination Location dialog box appears. Click Next.
7. Easy CD Creator is installed. When the installation completes, click Finish.

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8. A dialog box appears asking if you want to install Adobe Acrobat Reader to access the online help provided by Adobe. Click No if Acrobat Reader is installed. Click Yes to install Acrobat Reader. If you click Yes, Acrobat Reader will be installed after you restart the system. Follow the on-screen prompts to install Acrobat Reader.
  9. The Adaptec Master Setup screen appears. Click Exit. Proceed to the next section.

### ***Installing DirectCD***

DirectCD lets you write files directly to the CD in the CD-RW drive. Use the following procedure to install DirectCD.

1. Click DirectCD on the Adaptec Master Setup screen appears.
2. The DirectCD Note dialog box appears. Click Yes.
3. The DirectCD Welcome screen appears. Click Next.
4. The Software License Agreement appears. Click Yes.
5. The Choose Destination Location dialog box appears. Click Next.
6. The Select Program Folder dialog box appears. Click Next.
7. DirectCD is installed. When installation completes, the Adaptec Master screen appears. Click Exit.
8. Click Finish to restart the system.

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## Specifications

NEC VersaBay III CD-RW drive specifications follow and are standard unless stated otherwise.

- **Power**  
Supply : +5 V, single source  
Consumption:
  - 1800 mA peak
  - 1100 mA seek
  - 900 mA read
  - 100 mA standby
- **Speed**  
Read: max 20X, CDRW max 14X  
Write: 1X, 2X, 4X speed
- **Transfer Rate**  
Read:
  - 150 KB/s normal speed
  - 3000 KB/s 20X speed maximum
  - 16.6 MB/s Mode 4 PIO
  - 16.6 MB/s Multi Mode 2 DMA mode (not Ultra DMA)Write:
  - 150 KB/s normal speed
  - 300 KB/s 2X speed
  - 600 KB/s 4X speed
- **Audio Out: 0.8 +/- 0.25 Vrms**
- **Operating and Storage Conditions**  
Shock: 1 G (11ms)/read, 0.5 G (11 ms)/write  
Vibration: 0.2 G/read, 0.1 G/write  
Temperature:
  - 41° – 122° F (5° – 50° C) operating
  - 4° – 140° F (-20° – 60° C) storageHumidity:
  - 10 – 80% RH operating
  - 5 – 90% RH storage

**NEC**

NEC Computers Inc.

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819-200653-000

03/2000

