PROPRIETARY NOTICE AND LIABILITY DISCLAIMER

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Using this Guide

The *NEC Versa® MiniDock™ 6000 User's Guide* gives you the information you need to maximize the use of your MiniDock. Read this guide to become familiar with the NEC MiniDock 6000 and its features. For specific information, see the following chapters.

■ Chapter 1 introduces you to MiniDock 6000 capabilities and features. This chapter also describes the correct operating and storage environment for the MiniDock and how to care for the unit.

■ Chapter 2 provides instructions for docking and undocking an NEC Versa on the MiniDock.

■ Chapter 3 explains setting up the software to use your MiniDock and NEC Versa together.

■ Chapter 4 details how to connect external devices and add options to the MiniDock.

■ Chapter 5 directs you through basic troubleshooting procedures to help you solve problems that may arise.

■ Appendix A provides MiniDock specifications.

■ Appendix B provides connector pinouts.

This document, the quick setup sheet, your NEC Versa user's guide, and Windows documentation provide all the information you need to effectively use the NEC MiniDock 6000.

TEXT SETUP

To make this guide as easy to use as possible, text is set up as follows.

■ Warnings, cautions, and notes are set up in the following format.

⚠ **WARNING**

Warnings alert you to situations that can cause personal injury or harm.

⚠ **CAUTION**

Cautions indicate situations that can damage system hardware or software.

[NOTE] Notes give particularly important information about the topic being discussed.

■ Names of keys are printed as they appear on the keyboard, for example, **Ctrl**, **Alt**, or **Enter**.

■ Text that you must type or keys that you must press are presented in bold type. For example, type **dir** and press **Enter**.

RELATED DOCUMENTS

See the following documents for information related to the NEC MiniDock 6000 and NEC Versa operation:

■ The NEC MiniDock 6000 Quick Setup sheet.

■ Your NEC Versa user's guide.

■ The Microsoft® Windows and other operating system documentation that came with your NEC Versa.

■ Manuals and setup instructions for any devices that you are connecting to the MiniDock.

Contents

5 Solving Problems

A Specifications and Environment

B Pin Assignments

1   Introducing the NEC MiniDock 6000

The NEC MiniDock™ 6000 docking solution lets you maximize your NEC Versa® capabilities without minimizing its portability. Connect an external monitor and keyboard to the ports on the back of the MiniDock, install your CD-ROM reader in the MiniDock VersaBay II, attach your joystick to the MIDI/Game port, and you're ready to work hard or play! Undock the NEC Versa from the MiniDock and you're ready for the road.

This chapter introduces MiniDock features, guides you to setting up in the correct environment, and describes how to take care of the unit.

CARTON CONTENTS

Carefully unpack and check the contents of the MiniDock 6000 carton.

Make sure you have the hardware components shown in the following figure and that they are in good condition. If anything is damaged or missing, contact your dealer immediately.
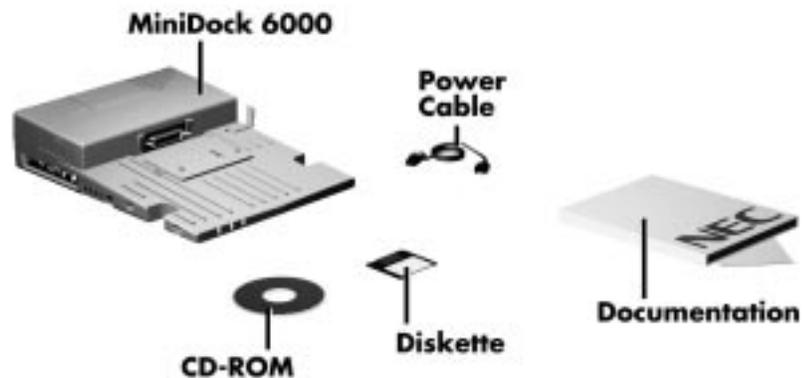
Carton Contents

Always use the power cable that ships with the MiniDock. If you need to replace the cable, follow these standards:

- In North America, the cable should be rated for 120 volts (V), 7 amps (A). The plug is a NEMA 5-15P. Use an SVT or SJT 18/3 AWG cable that is less than 15 feet (4.5 m) long. Use connector type IEC320.

- In Europe, the cable should be rated for 230 V (220-240 V), 10A. The plug is country-specific. Use an H05VV-F or H05VVH2-F cable that is less than 15 feet (4.5 m) long. Use connector type EN60320.

MiniDock FEATURES

MiniDock features are found on every surface of the unit. To become familiar with these features, read each of the following sections.

Front and Top

The following figure shows the features found on the front and top of the MiniDock. Descriptions of these features follow the figure.
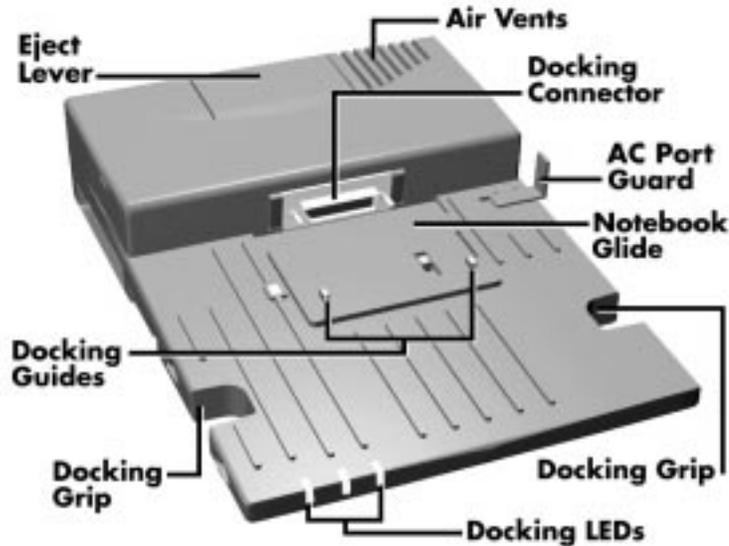
Front and top features

- Docking Guides — The docking guides on the glide panel ensure that your NEC Versa is aligned properly for docking. These guides fit into specially placed notches on the bottom of the notebook computer.

■ Eject Lever — The Eject lever disconnects the NEC Versa from the MiniDock docking connector. Before pressing the Eject lever, you must prepare your system for undocking by pressing the undocking button or the power button on the side of the MiniDock. (See Chapter 2, "Docking and Undocking," for details about undocking procedures.)

■ Air Vents — These vents allow the MiniDock to cool properly. Keep the vents free of paper and debris to allow for proper air circulation.

■ Docking Connector — This connector fits the expansion port on your NEC Versa to allow for docking.

■ AC Port Guard — The adjustable AC port guard keeps you from accidentally docking the NEC Versa while it is still plugged into the AC adapter. When the notebook is docked, the MiniDock supplies power to run the system and charges the battery installed in the NEC Versa.

■ Notebook Glide — This panel allows your notebook computer to glide easily towards the docking connector during docking and away from the connector while undocking.

■ Docking Grips — The docking grips give you the leverage you need to connect the expansion port on the notebook computer to the docking connector on the MiniDock.

■ Docking LEDs — These LEDs inform you of the current docking status, IDE drive access, and diskette drive access. LEDs are shown in the following figure and LED states are described after the figure.
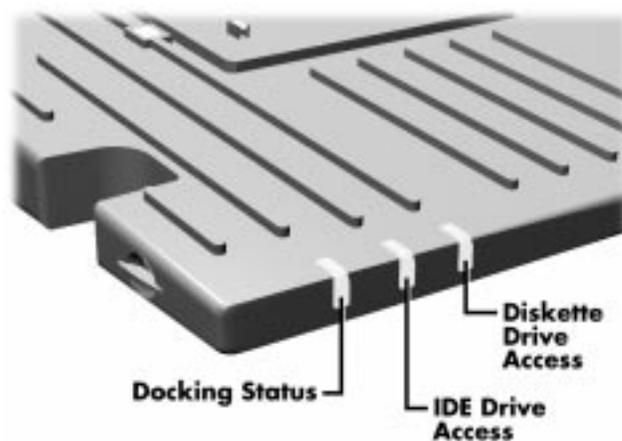
MiniDock LEDs

— Docking Status – When power is on to the MiniDock, this LED lights as follows:

- Steady green when the NEC Versa is properly docked, powered up, and locked onto the MiniDock.

- Blinks green while processing an undocking request.

- Steady Amber when power to the MiniDock is on but no notebook computer is docked; when the computer is docked but not powered on; or an eject request was accepted and the computer is ready for undocking.

— IDE Drive Access – lights green when a CD-ROM, hard disk, or SuperDisk™ LS-120 drive installed in the MiniDock or NEC Versa is accessed.

— Diskette Drive Access – lights green when a standard diskette drive installed in the NEC Versa or MiniDock VersaBay II is accessed. Also lights green when a diskette drive connected via an external FDD connector cable is accessed.

Left Side

Features found on the left-hand side of the MiniDock 6000 are shown in the following figure. Features are described after the figure.
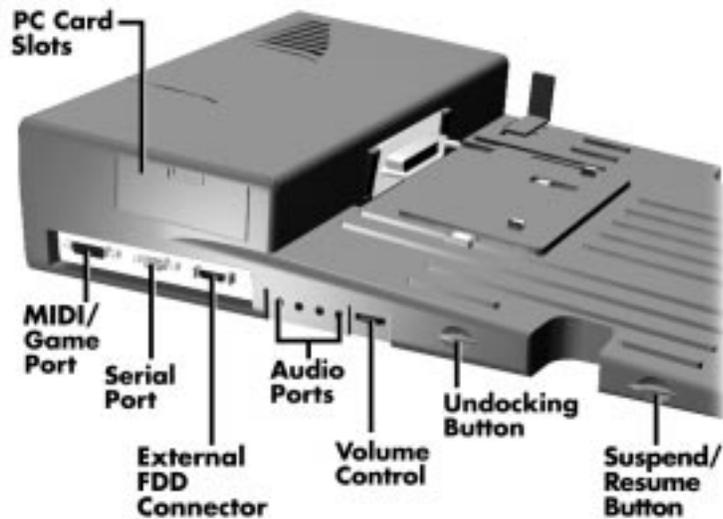
Left side features
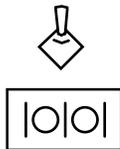
- PC Card Slots — The PC card slots let you install two Type II PC cards, one Type III PC card, or one Type III card in the top slot and one Type II card in the bottom slot for use while docked.

- MIDI/Game Port — This port supports MIDI/game devices, such as a joystick or MIDI keyboard.

- Serial Port — The serial port lets you connect serial devices to the MiniDock.

- External FDD Connector — This port lets you connect an optional External FDD cable directly to the MiniDock.

- Audio Ports — These ports give you the option of connecting external audio devices including: a microphone, headphones, or speakers. You can also connect other audio devices to use as an output device or input source.

- Volume Control — This knob gives you control over the volume of external speakers or headphones attached to the MiniDock.

■ Undocking Button — This button releases the locking mechanism and prepares the NEC Versa for undocking. For warm undocking, you must press the Undocking button before pressing the Eject lever to successfully undock. (See Chapter 2, "Docking and Undocking," for details about undocking the system.)

If an eject request is rejected, the Docking LED returns to solid green.

■ Suspend/Resume Button — The Suspend/Resume button puts your NEC Versa into Standby mode to conserve energy. To return to Operating mode, press the button a second time.

Right Side

Features on the right-hand side of the MiniDock are shown in the following figure. Descriptions follow the figure.
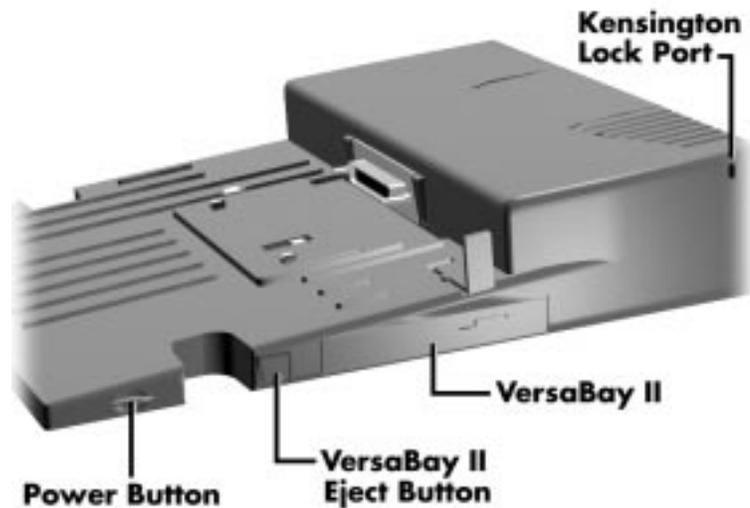
Right side features

■ Kensington Lock Port — This port lets you secure your MiniDock using an optional Kensington Lock.

- VersaBay II — The VersaBay II slot lets you install your diskette or SuperDisk drive, CD-ROM reader, second hard disk drive, or other VersaBay option into the MiniDock.

- VersaBay II Eject Button — This button ejects a device installed in the VersaBay II.

- Power Button — The Power button lets you power on and off the NEC Versa notebook computer docked on the MiniDock. (The computer power button does not work while the unit is docked.)

Back

Features on the back of the MiniDock are shown in the following figure. Descriptions follow the figure.
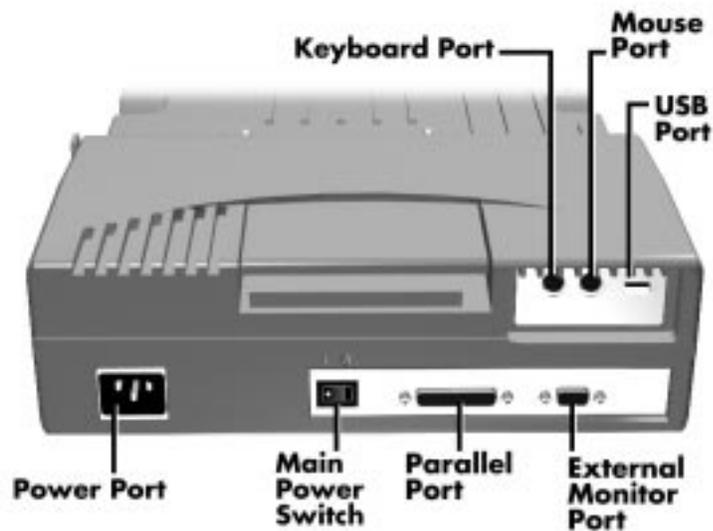
Back features

- PS/2-style Keyboard Port — lets you connect an external keyboard to your MiniDock.

- PS/2-style Mouse Port — lets you connect an external mouse to your MiniDock.

- USB Port — lets you connect a USB device or devices to the MiniDock. If your NEC Versa supports USB device connection, this port on the MiniDock works. If your NEC Versa does not support USB device connection, this port does not work.

- Power Port — allows you to connect the MiniDock to AC power.

⚠ **CAUTION**

Always use the power cable that ships with the MiniDock or one that is appropriate for your country. See the cable specifications at the beginning of this chapter or those listed in Appendix A, Specifications.

- Main Power Switch —turns power on to the MiniDock. Pressing this button while the notebook is docked and powered on shuts down everything and can cause a system crash.

- Parallel Port — lets you connect a parallel device to the MiniDock.

- External Monitor Port — allows you to connect an external monitor. (You may need to press **Fn-F3** to get an image on the external monitor. See your NEC Versa user's guide for function key combinations.)

THE RIGHT ENVIRONMENT

Before setting up the MiniDock 6000, find a good location for using it. Here are some guidelines.

- Choose an area that is close to a wall outlet that is easily accessible.

- Select a flat, sturdy surface, like a desktop or table, so you have access to the front, back, and sides of the unit.

- Choose an area away from extremely warm or cold surroundings, direct sunlight, excessive dust, vibration, shock or moisture.

Operating Environment

Use the docking station in a location that meets the following environmental conditions:

- Temperature: 41°F to 95°F (5°C to 35°C)

- Humidity: 20% to 80% (noncondensing)

Storage Environment

Store the docking station in a location that meets the following conditions:

- Temperature: –4°F to 122°F (–20°C to 50°C)

- Humidity: 15% to 85% (noncondensing)

MiniDock 6000 CARE

With protective measures and proper care, you can keep your MiniDock in top operating condition. Follow the measures given next to maintain your MiniDock.

Precautions

Follow these precautions when using and storing the NEC MiniDock 6000.

- Do not use or store the MiniDock in direct sunlight or near radiant heat sources for an excessive length of time. Heat from these sources can raise the internal temperature of the unit and damage its parts.

- Always use the power cable that came with the MiniDock or a cable that meets the specifications described at the beginning of this chapter or in Appendix A, Specifications.

- Do not use or store the MiniDock in dusty environments.

- Do not use or store the MiniDock near chemicals.

- Do not cover the air vents or put anything near enough to them to block air circulation.

- Avoid excessive vibration or shock. Dropping the MiniDock or knocking it over can cause serious damage.

- Keep the MiniDock away from machinery that generates strong electric or magnetic fields.

■ Do not place heavy objects on the MiniDock. Make sure the optional CRT base is in position before placing an external monitor on it. The CRT base is designed to support an external monitor weighing no more 100 pounds. Do not place other heavy objects on the CRT base.

Routine Care

Maintain the condition of your MiniDock by periodically following the general procedures listed next.

⚠ **WARNING**

For safety, power off and unplug the MiniDock and NEC Versa before cleaning.

■ Clean the outside of the MiniDock with a soft clean cloth.

■ Remove stubborn stains with a cloth slightly dampened with a mild detergent. Never use a strong solution or spray cleaner on any part of the unit.

■ Check the MiniDock regularly for loose material, such as paper, books, or magazines, that might block the air vents and prevent proper air circulation.

■ Keep food and liquids away from the MiniDock and NEC Versa.

BATTERY CHARGING

The MiniDock charges the battery installed in your NEC Versa notebook computer or in the NEC Versa VersaBay II as long as the computer is docked, the MiniDock is plugged into AC power, and the main MiniDock power switch is on.

Battery charging occurs whether or not you are using your system.

NOTE The MiniDock VersaBay II does not support the installation of an NEC Versa battery.

2 Docking and Undocking

Getting your NEC MiniDock 6000 up and running is easy. This chapter provides the procedures you need to get started. They include:

- Connecting the power cable to AC power and the MiniDock 6000 and powering on.

- Preparing the NEC Versa for docking and docking it on the MiniDock.

- Powering on the NEC Versa.

This chapter also describes how to undock the NEC Versa from the Mini-Dock when you want to use the notebook by itself.

> **NOTE** For Windows NT and Windows for Workgroups systems, you MUST install the PC card drivers before docking for the first time. Failure to do so can result in a system malfunction. These procedures are described in Chapter 3, "Setting Up and Using the Software."

CONNECTING THE POWER CABLE

Follow the instructions given next in the order presented to get your NEC Versa and MiniDock up and running.

> **NOTE** Connect the AC power cable to the MiniDock and AC power before docking the computer.

The power cable that came with the MiniDock provides power to both the MiniDock and the NEC Versa.

> **NOTE** If you need to replace the MiniDock power cable, make sure it meets the following specifications.
>
> - In North America, the cable should be rated for 120 V, 7 A. The plug is a NEMA 5-15P. Use an SVT or SJT 18/3 AWG cable that is less than 15 feet (4.5 m) long. Use connector type IEC320.
>
> - In Europe, the cable should be rated for 230 V (220-240 V), 10 A. The plug is country-specific. Use an H05VV-F or H05VVH2-F cable that is less than 15 feet (4.5 m) long. The connector type is EN60320.

Connect the power cable as follows.

1. Position the MiniDock on a flat surface close to an AC outlet.

2. Attach one end of the cable to the AC power port on the MiniDock.

3. Attach the other end to a properly grounded wall outlet.
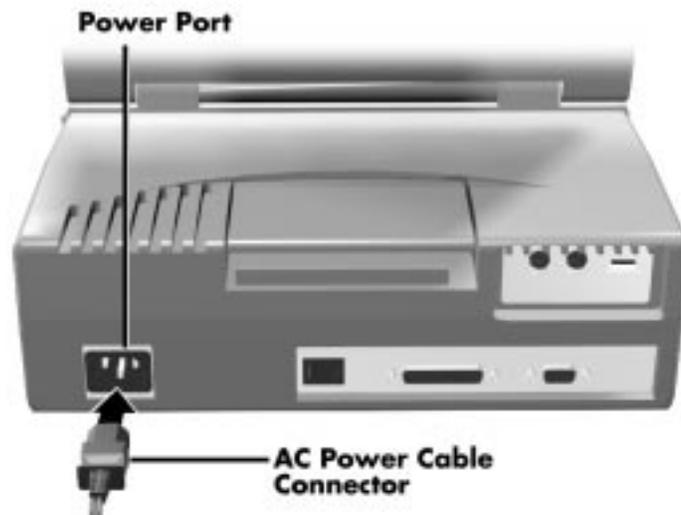
Connecting the power cable

4. Locate the main power switch on the back of the MiniDock. Press the white dot on the switch to turn on MiniDock power. A vertical line icon above the power switch indicates power on.

⚠ CAUTION

Make sure the Main Power switch on the back of the MiniDock is powered on before docking the NEC Versa. Docking the NEC Versa while the MiniDock is powered off can result in a system crash.
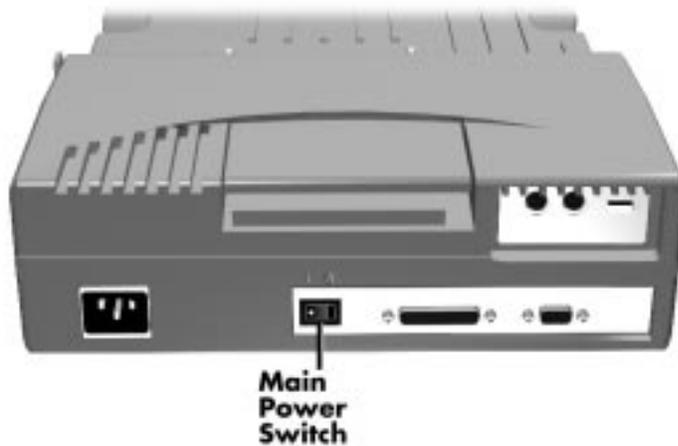
Powering on the MiniDock

⚠ CAUTION

Disconnecting the power cable, turning off power by pressing the Main Power switch, or experiencing a power outage while running the MiniDock and NEC Versa can result in a system crash.

PREPARING THE NEC VERSA FOR DOCKING

Follow the procedure given next to prepare the NEC Versa for docking.

1. Set NEC Versa power for your system as follows.

    ■ If you have a Plug and Play NEC Versa, you can either put your system into Suspend mode or leave it in full Operation mode for docking.

    For example, an NEC Versa with Windows 95 running is a Plug and Play system.

    ■ If you have a non-Plug and Play system, turn off system power before docking. Systems running Windows for Workgroups or Windows NT do not support plug and play.

> **NOTE** Make sure your system is in the appropriate mode for docking.

2. If you are running the NEC Versa on AC power, disconnect the AC adapter cable from the NEC Versa.

> **NOTE** Before disconnecting power, save any open files or close open applications to avoid data loss.

3. On the back of the NEC Versa, open the expansion port cover and slide it underneath the expansion port.

    Check that all other NEC Versa port covers are closed.

Expansion Port Cover

Opening the NEC Versa expansion port cover

Expansion Port Cover

Stowing the expansion port cover

4. Verify that the power cord is plugged into the MiniDock and that MiniDock power is turned on. (See "Connecting the Power Cable" for details.)

When the Docking Status LED lights steady amber, power to the Mini-Dock is turned on and it is ready for docking.

Docking Status

Docking Status LED

DOCKING THE NEC VERSA

You can dock the NEC Versa in one of the following modes:

- Cold Docking — with NEC Versa system power off. This method works for all NEC Versa models that support docking.

- Warm Docking — with NEC Versa power on, the system in Suspend mode, and MiniDock power on. This procedure can be used with NEC Versa systems that run the Windows 95 operating system.

- Hot Docking — with NEC Versa power on and the system in full operation mode. This procedure can be used with NEC Versa systems with the Windows 95 operating system.

Use the following steps to dock your NEC Versa.

1. Locate the AC Port Guard on the MiniDock. You may need to adjust the guard position to suit the size of your system. For wider systems that need more room, slide the guard away from the MiniDock.

2. Locate the docking connector and the docking guides on the MiniDock.

Docking
Connector
(Voltage Rating:
Max. DC 19.5 V)

AC Port
Guard
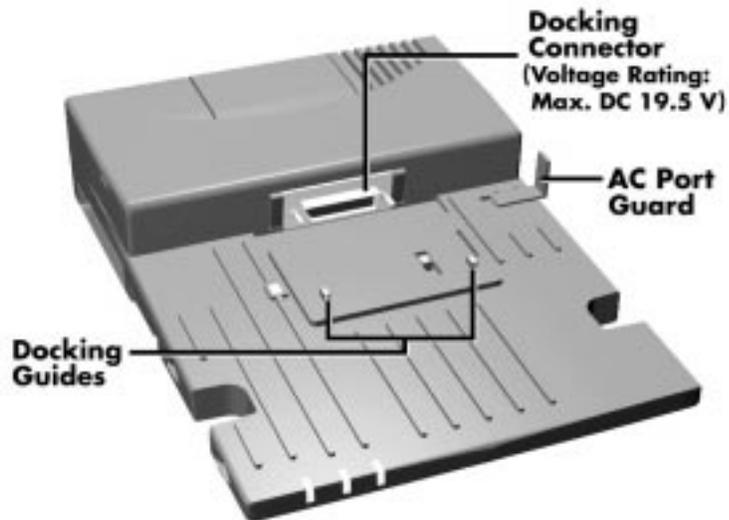
Docking
Guides

Adjusting the AC Port Guard

3. For easier docking, close the LCD panel on the NEC Versa. (This is not required, but is recommended.)

4. Align the docking guides on the MiniDock with the docking grooves on the bottom of the NEC Versa. Lower the NEC Versa onto the MiniDock.

Once the notebook is properly seated on the docking guides, the docking connector and the expansion port are properly aligned.
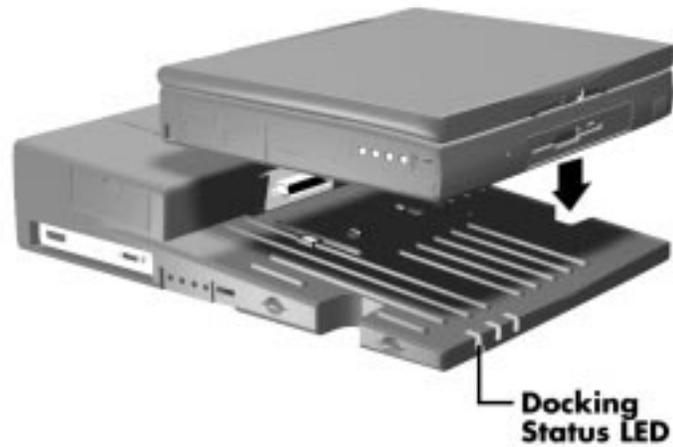
Lowering the NEC Versa onto the MiniDock

5. Verify that the Docking LED is a steady amber. This indicates that the MiniDock is ready for docking.

6. Place your fingers in the docking grips and your thumbs on the front of the NEC Versa. Firmly push against the computer with equal pressure against the left front and right front of the NEC Versa. Continue to press until the connection between the computer and the MiniDock is secure.
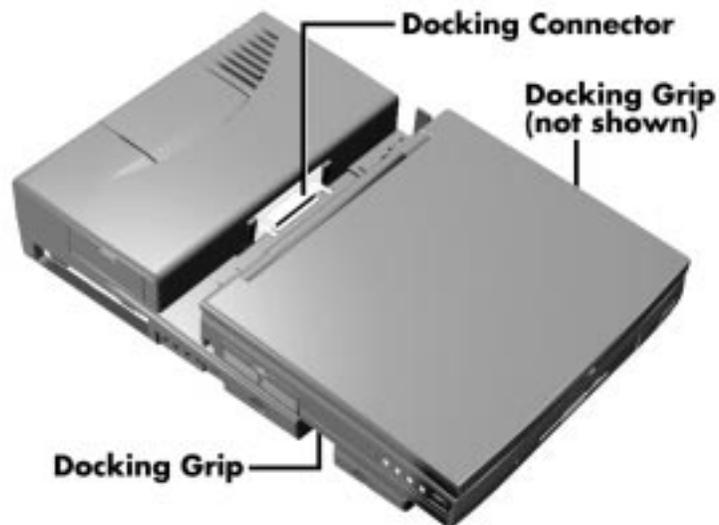
Docking the NEC Versa

> **NOTE** Keep the NEC Versa straight. If the computer is pushed at an angle, it does not dock properly.

7. If using the NEC Versa without an external monitor, open the LCD panel.

LCD Panel Release Latch

Opening the LCD panel

8. Press the Power button on the side of the MiniDock to power on the NEC Versa. When the Docking Status LED lights a steady green, the docking process has successfully completed and the NEC Versa is powered on.

   ■ If no LEDs are lit, press the Main Power switch on the back of the MiniDock to power on the MiniDock. Next, press the Power button on the side of the MiniDock to power on the NEC Versa.

   ■ If the Docking Status LED blinks green, push a little harder on the NEC Versa to reseat it for docking. This usually corrects the problem and the LED will light a steady green.

The LED continues to blink green when something went wrong with the docking sequence due to an error or hardware failure. Proceed as follows:

— Press the Eject lever to eject the NEC Versa from the MiniDock.

— Check that the Docking Status LED is amber.

— Starting at step 2 in this procedure, try redocking the system.

NOTE If the LED continues to blink, call your authorized service representative.

Powering on

Once docked, the NEC Versa is locked onto the MiniDock and cannot be removed without following the appropriate undocking procedure.

UNDOCKING THE NEC VERSA

Undock your NEC Versa as follows.

1. Check the status of your NEC Versa power:

   ■ If you are running Windows 95, you can either put your system into Suspend mode or leave the system in Operation mode to undock.

   ■ If you are running Windows for Workgroups or Windows NT, save your files, close any open applications, exit Windows and press the power button on the side of the MiniDock to power off the system.

2. For easier undocking, close the LCD panel. (This is not required, but is recommended.)

Undocking and Suspend/Resume buttons

3. Press the Undocking button on the side of the MiniDock. The Docking Status LED blinks green. When the LED turns a steady amber, you are ready to undock.

To use Windows 95 software to undock the NEC Versa, locate and select
the "Eject PC" icon in the Windows 95 Start menu. When you select this
icon, a "Dock Change" window appears. The Docking Status LED
blinks green and then changes to solid amber.

4. Once the LED lights amber, press the Eject lever on the back of the
MiniDock and pull the NEC Versa forward to remove it.

Removing the NEC Versa

3 Setting Up and Using the Software

Your NEC MiniDock 6000 ships with a CD-ROM containing an online user's guide and CardWizard® PC card drivers. Follow the instructions in this section to install the online user's guide on your NEC Versa and load the appropriate drivers.

> **NOTE** If your system requires the CardWizard drivers, you *must* install them before docking for the first time. Failure to install the drivers first can result in a system malfunction.

USING THE SETUP UTILITY

The setup utility lets you install the online MiniDock user's guide and the appropriate PC card drivers for your operating system. Do so as follows:

1. Make sure the CD-ROM reader is installed in the NEC Versa and that the NEC Versa is not docked.

2. Insert the NEC MiniDock Setup Utility CD into the reader and close the tray.

3. Proceed as follows:

   ■ If your system is set to AutoPlay, the setup interface screen appears. Go to the next step.

   ■ If your system is not set to AutoPlay or does not have AutoPlay

     — in Windows for Workgroups, select Run from the File menu in Program Manager.

     — in Windows 95 or Windows NT, select Run from the Start menu.

   ■ In the run field, type **d:\selrest.exe** (where **d** is your CD-ROM reader designation) and press **Enter** or select OK.

4. When a MiniDock software setup screen (similar to the one shown next) appears, proceed as follows.

MiniDock 6000 Software Setup CD-ROM	▬ ☐ ✕

Applications and Drivers Selection

Card Wizard for NT
MiniDock 6000 Guide

Installation Type

○ Windows 3.11
○ Windows 95
◉ Win NT 4.0

Information

Setup

Description

Card Wizard Drivers for Windows NT 4.0

About. . .

Exit
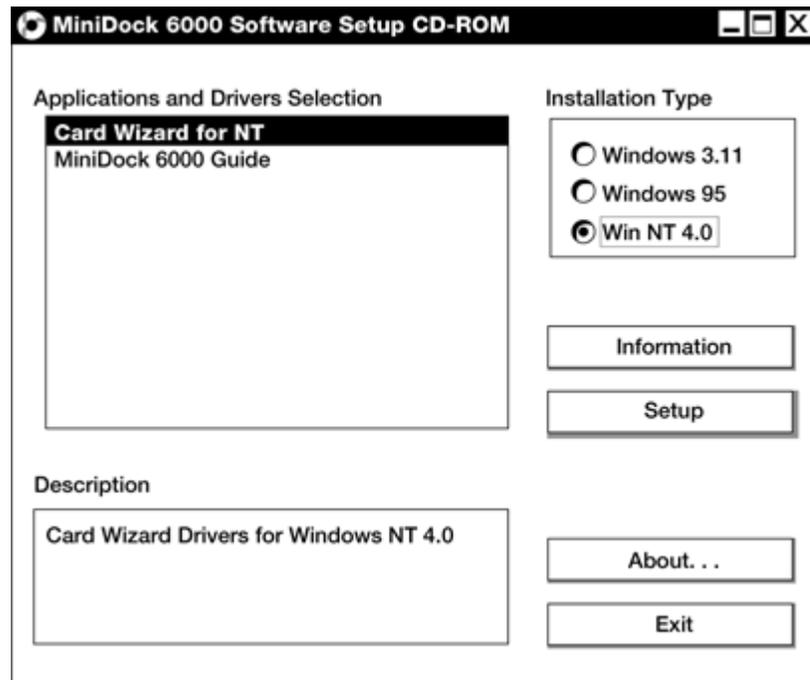
Main Setup screen

■ In Installation Type, select your operating system. Choose Windows 95, Windows 3.11 (for Windows for Workgroups), or Windows NT 4.0.

■ In the Applications and Drivers Selection box, highlight a selection and press Setup.

— Windows 95 offers only one setup option — to install the online user's guide. This is optional. (Windows 95 comes with its own utility for PC cards.)

— Windows 3.11 and Windows NT offer two setup options, one to install the user's guide and one to load CardWizard drivers. Loading the user's guide is optional. However, you must load the PC Card slot drivers in order to use the slots.

After you press the Setup button, the system displays a Windows setup screen.

5. Follow the on-screen instructions to install your selection.

   If you have another selection to load, repeat steps 4 and 5.

6. From the Main Setup screen, press Exit.

You are now ready to dock your NEC Versa on the MiniDock with full functionality!

4 Adding Options and Connecting Peripherals

You can optimize NEC Versa functionality by using the following NEC MiniDock 6000 features.

■ VersaBay II to install your NEC Versa CD-ROM reader, diskette drive, SuperDisk LS-120 drive, or a second hard disk drive (in the optional VersaBay II Hard Disk Drive Adapter Kit).

■ PC card slots to add up to 2 Type II PC cards or 1 Type III PC card. (You can also insert a Type III PC card in the top slot and insert a Type II PC card in the bottom slot.)

■ Ports to connect external devices include the following:

— Monitor

— Parallel

— PS/2- keyboard and PS/2- mouse

— USB (for NEC Versa systems that offer USB support)

— Audio

— External FDD connector

— Serial

— MIDI/Game.

This chapter describes how to install and connect devices to the NEC MiniDock 6000.

USING THE MiniDock VersaBay II

You can use the MiniDock VersaBay II to install your diskette drive, SuperDisk drive, CD-ROM reader, or second hard disk drive. Installing a device in the MiniDock VersaBay II lets you use the VersaBay in your computer for another device. Using the MiniDock VersaBay II gives you access to more devices at one time.

> **NOTE** You can access only one diskette drive attached to the NEC Versa. Do not install a diskette drive or SuperDisk drive in the Mini-Dock if you already have a diskette or SuperDisk drive installed in the notebook computer or attached via an External FDD connector.
>
> The MiniDock VersaBay II does not support battery installation or charging. Do not install the battery in the MiniDock VersaBay II.

Installing a Device in the VersaBay II

Install a device in the MiniDock VersaBay II as follows.

1. Powers the MiniDock on or off. (Press the Main Power button on the back of the MiniDock away from the vertical line to power off the unit.)

2. Locate the VersaBay II and its Eject button.

Locating the VersaBay II slot and eject button

3. While pressing the VersaBay Eject button, align the device with the VersaBay slot.

Aligning the device

4. Slide the device into the VersaBay.

5. Power on the MiniDock and the NEC Versa or take it out of Suspend mode.

Removing a Device from the VersaBay II

Remove a device installed in the VersaBay II as follows:

1. Power off the NEC Versa and the NEC MiniDock 6000 or put the MiniDock into Suspend mode.

2. Press the VersaBay II Eject button. The device in the bay pops out slightly.

3. Pull the device out of the slot.

Removing a device from the VersaBay II

PC CARD SLOT

PC card slots on the MiniDock let you install up to two Type II PC cards or one Type III PC card in the top slot and one Type II card in the bottom slot.

You can use the PC card slots on both the MiniDock and the NEC Versa. If you use the PC card slots in both devices at the same time, you must free up resources by disabling other devices on the NEC Versa. For example, in Setup, you can disable the Audio, IR port, serial port, modem, or whatever devices you do not need to use.

> **NOTE** When using a Windows 95 system, you may be limited to three slots — two in the NEC Versa and one in the MiniDock.

Installing a PC Card

Follow these steps to install a PC card in the MiniDock.

1. Make sure the NEC Versa is docked, then continue as follows:

   ■ In Windows 95 or Windows for Workgroups, make sure the NEC Versa is powered on.

   ■ In Windows NT, proceed as follows to install the following card types:

      — For LAN, Combo, or SCSI cards, make sure the NEC Versa is powered off. (Press the Power button on the side of the MiniDock to power down the NEC Versa.)

      — For Modem cards or an ATA drive, the NEC Versa can be powered on or off.

2. Locate the PC card slot on the side of the MiniDock and open the card slot door.

3. Align the PC card so that its 68-pin connector points towards the slot and the label side of the card faces up.

Inserting a PC card in the MiniDock

4. Slide the card into either slot. A low tone followed by a high tone lets you know that the card is fully inserted and recognized. (If you turn off PC speaker sound through the **Fn-F6** function keys, no sound is emitted.)

   In Windows for Workgroups, other tone sequences (such as a high then low tone or a single tone) may sound. These tones indicate that the card is inserted, but the card type is not known.

Removing a PC Card

Procedures differ for removing PC cards from Windows 95 systems, Windows NT systems, and Windows for Workgroups systems. Follow the instructions that are appropriate for your system.

Windows 95 Systems

Remove PC cards from Windows 95 systems as follows:

1. From the screen, select "My computer" and "Control Panel." (Or, you can also select the Taskbar PC Card icon.)

2. Select the PC Card icon.

3. Select the PC card to remove and click on "Stop."

   Windows 95 alerts you if any applications are still using the card. If all applications using the card are closed, services for that card are shut down. You then receive a message saying that it is safe to remove the card.

4. Press the button on the side of the slot containing the PC card.

5. Pull the card firmly out of the slot.

Windows for Workgroups Systems

Remove PC cards from Windows for Workgroups systems as follows:

1. Press the button on the side of the slot containing the PC card. A double tone sounds.

2. Pull the card firmly out of the slot.

Windows NT Systems

Remove PC cards from Windows NT systems as follows:

1. Remove these card types as follows:

   - Modems and ATA drive PC cards — press the button on the side of the slot containing the PC card. A double tone sounds. (Go to step 2.)

   - LAN, Combo cards, or SCSI cards — press the Power button on the side of the MiniDock to power off the NEC Versa. Press the button on the side of the slot containing the PC card.

2. Pull the card firmly out of the slot.

CONNECTING EXTERNAL DEVICES

See the following sections for instructions on connecting external devices to the MiniDock.

External Monitor

You can add a standard external monitor to your MiniDock. You need a display signal cable (usually provided with the monitor). One end of the cable must have a 15-pin connector for the system.

Follow these steps to connect an external monitor to the MiniDock.

1. Check that the docked NEC Versa is in Suspend mode or powered off and the monitor power switch is turned off.

> **NOTE** The docked NEC Versa must be in Suspend mode or powered off while the monitor is being connected. Otherwise, the system does not recognize the monitor type.

---

2. Connect the cable to the monitor.

3. Attach the 15-pin cable connector to the monitor port on the MiniDock. Secure the cable connection with the screws provided.
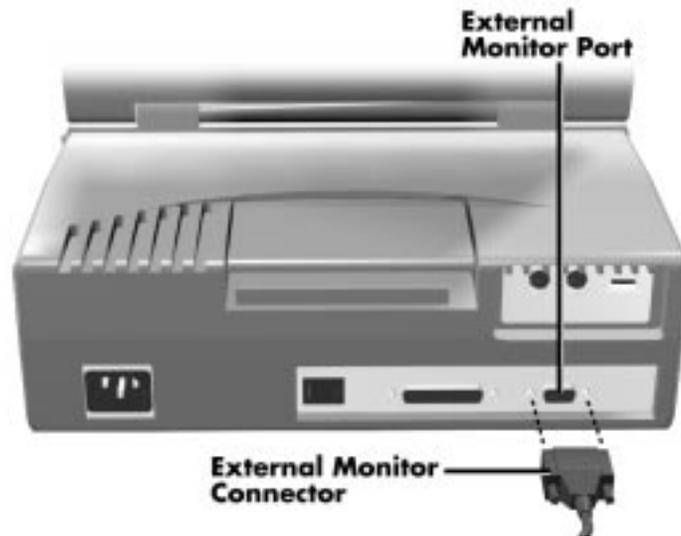
Connecting a monitor

4. Connect the monitor power cable and plug it into a properly grounded wall outlet.

5. Follow any setup instructions in the monitor's user's guide.

6. Turn on power to the monitor.

7. Press any key, the Suspend button, VersaGlide button, or move the mouse to resume Active mode or power on the NEC Versa.

Press **Fn-F3** to toggle between the LCD, CRT, simultaneous CRT/LCD display, and TV Out (on systems that support TV Out).

External Monitor Stand

NEC offers an optional external monitor stand. The optional stand lets you dock your NEC Versa, slide the MiniDock and computer under the stand, and keep your monitor at a comfortable viewing level. See your authorized NEC dealer for more information about the stand.

Parallel Devices

To install a parallel device such as a printer, you need a cable with a male 25-pin connector for the system and, for most parallel printers, a Centronics®-compatible 36-pin connector.

> **NOTE** When you connect a printer, be sure to install the appropriate printer driver through the Windows Control Panel.

Connect a parallel device to the MiniDock as follows.

1. Check that both MiniDock and parallel device power are off.

2. Align and connect the 25-pin parallel cable connector to the parallel port on the MiniDock. Secure the cable with the screws provided.

3. Align and connect the other end of the cable to the parallel port on the device. Lock the connector clips.
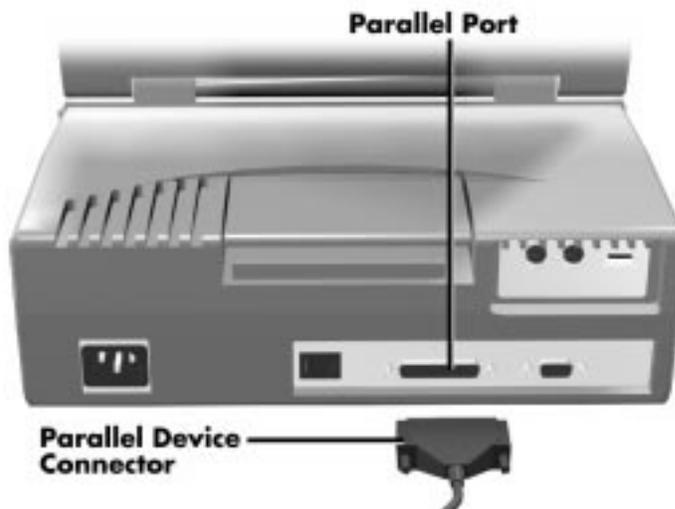
Connecting a parallel printer

4. Connect the power cable to the device and a properly grounded wall outlet.

5. Turn on power to the system and the device.

> **NOTE** Check that the device is online before you try to use it. See the instructions that came with the device for more information.

External Keyboard and Mouse

You can connect a full-size PS/2-style keyboard and/or PS/2-style mouse to your MiniDock. You can continue to use the system keyboard while an external keyboard is connected.

Follow these steps to connect an external keyboard or mouse to your system.

1. Power off the NEC Versa.

> ⚠ **CAUTION**
>
> Make sure the NEC Versa is powered off whenever you add or remove an external keyboard or mouse. Connecting an external keyboard or mouse to the system in Operation mode can cause the system or device to malfunction.

2. Connect the keyboard cable connector to the keyboard port on the Mini-Dock. Connect the mouse cable connector to the mouse port on the MiniDock.
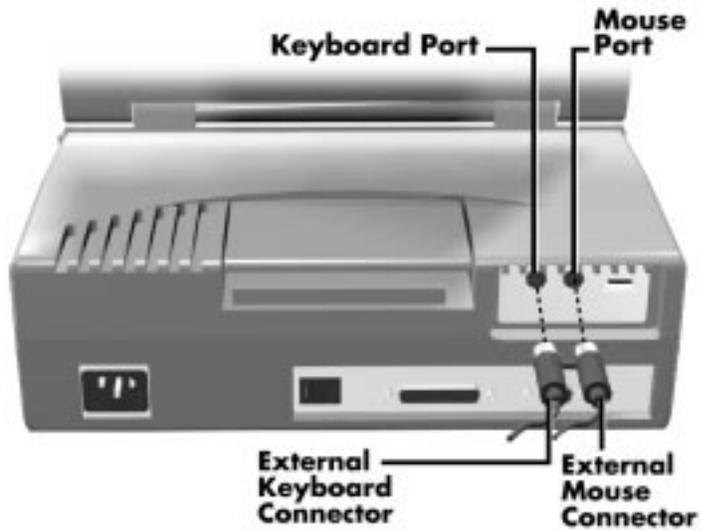
Connecting an external keyboard and mouse

3. Power on the system.

The system immediately recognizes the keyboard or mouse.

> **NOTE** After you connect an external keyboard, you can use both the built-in keyboard and external keyboard simultaneously. (Only the numeric keypad on the external keyboard works in this case.)
>
> Connecting an external mouse disables the built-in VersaGlide.

USB Devices

The MiniDock 6000 lets you take advantage of the latest USB technology available to Windows 95 users. Plug USB devices into your Windows 95 system as follows.

> **NOTE** The USB port on both the NEC Versa and the MiniDock are active at the same time. You can connect USB devices to both ports to further increase system connectivity.
>
> The USB port is active only on systems that support USB. If your NEC Versa does not come with a USB port, the USB port on the MiniDock does not function.

1. Locate the USB port on the back of the MiniDock.

2. Plug in the USB connector.

Connecting a USB device

External Audio Options

The MiniDock comes equipped with built-in audio ports that let you record and play sound. A volume control knob lets you control the volume of connected external speakers or headphones.

Connect audio devices, like a microphone, line-out and line-in devices, headphones, or external speakers to the audio ports as follows.

1. Locate the audio port that you want to use.

2. Plug the jack into the port on the side of the MiniDock.
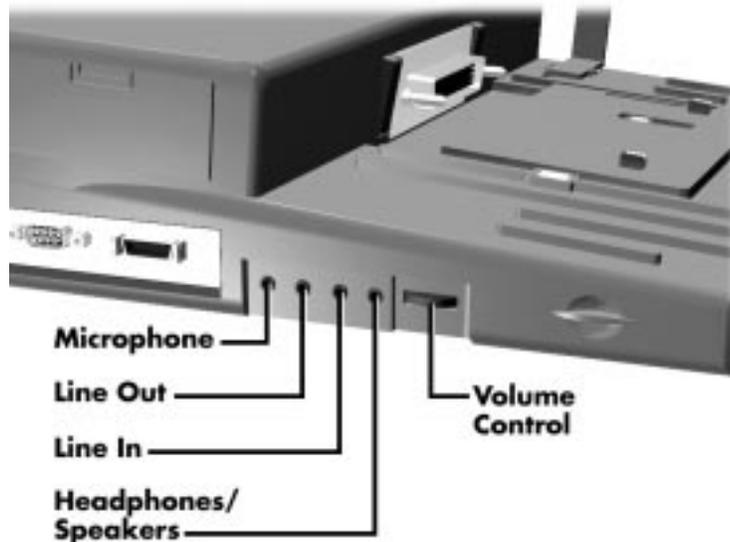
Audio ports

If you connect external speakers or headphones to the headphone port on the MiniDock, the NEC Versa system speakers are disabled. If you connect external speakers to the Line Out port on the MiniDock, the NEC Versa system speakers remain enabled.

The volume control knob on the system controls NEC Versa speaker volume. The volume control knob on the MiniDock controls the volume of external speakers connected to the MiniDock.

If no speakers are attached to either the MiniDock or the NEC Versa, the NEC Versa volume control knob controls NEC Versa speaker volume.

> (NOTE) If you are using external speakers or an external microphone and experience sound distortion or feedback, lower the volume.
>
> Having the microphone and speakers too close to each other can also cause feedback. Moving the external audio options away from each other may help.

External FDD Connector

You can connect an optional External FDD Connector to the MiniDock as follows:

1. Check that both the NEC Versa and the device power are off.

2. Attach the FDD connector cable to the port on the MiniDock. (You do not need to use the adapter that came with the FDD option.)

3. Follow the instructions that came with the External FDD Connector to attach the diskette drive.

Attaching the External FDD Connector

Serial Devices

|O|O|

To install a serial device such as a printer or an external modem, you need a cable with a female 9-pin connector.

> (NOTE) When you connect a printer, be sure to install the appropriate printer driver through the Windows Control Panel.

Follow these steps to connect a serial device to your NEC MiniDock 6000.

1. Check that both the NEC Versa and the device power are off.

2. Align and connect the 9-pin connector with the serial port on the Mini-Dock. Secure the connection with the screws provided.

3. Align and connect the other end of the cable to the appropriate port on the device. Secure the connections with the screws provided.

Connecting a serial device

4. Connect the power cable to the device and a properly grounded wall outlet.

5. Turn on power to the system and the device.

MIDI/Game Devices

The MIDI/Game port lets you attach a joystick or MIDI device to your MiniDock. Connect a joystick or MIDI device as follows:

1. Check that both the NEC Versa and the device power are off.

2. Locate the MIDI/Game port on the side of the MiniDock.

3. Plug in the joystick or MIDI device and power on the MIDI device and NEC Versa.

MIDI/ Game Port

Connecting a MIDI/Game device

5 Solving Problems

This chapter describes what to do if you encounter problems using the NEC MiniDock 6000. Use the information in this chapter to determine and fix the problem. Often, you can solve problems that occur by yourself.

If you still need help, see the section "If You Need Help" at the end of this chapter.

PROBLEM CHECKLIST

Check the items in the following list if you cannot get the NEC MiniDock 6000 to work. If these do not help, continue to the "Troubleshooting" section of this chapter.

■ Check that the NEC Versa is connected properly to the MiniDock.

■ Check that NEC Versa is not in a power-saving state such as Suspend mode.

■ Verify that the electrical outlet to which the MiniDock is connected is working. Test the outlet by plugging in a lamp or other electrical device.

■ Verify that the Master Power Switch on the back of the MiniDock is in the On position.

■ Make sure all cables are connected tightly.

TROUBLESHOOTING

■ Pressing the power button on the side of the MiniDock does not turn on the MiniDock.

— Check that the AC power cable is connected properly to the Mini-Dock and a wall outlet.

— Check the wall outlet by plugging in another electrical device such as a lamp.

— Check that the Main Power Switch on the back of the MiniDock is in the On position.

■ The power went out and you need to undock the NEC Versa.

— Undock the NEC Versa manually while power is still off by pressing on the Eject lever.

■ While trying to record using the microphone, excessive noise is emanating from the speakers.

— Try moving the speakers away from the MiniDock.

— Try adjusting the volume with the volume control knob. If that doesn't work, open the Audio Applications in Windows and adjust the volume control with the slide bar. You can also try adjusting the Mic control in the Mixer.

■ When docked, your NEC Versa does not work as it did when docked previously and the settings seem to have changed.

— Reboot your system, go into the NEC Versa Setup utility, and reset the parameters. If another system is docked on the MiniDock, the new system parameters overwrite the original system parameters in MiniDock memory.

— The battery in the MiniDock may need to be replaced. See "Replacing the Battery" for instructions.

■ When docking, you receive a CMOS error.

— Switching between NEC Versa types may cause a one-time CMOS error. Reboot your system, go into the NEC Versa Setup utility, and reset to the default configuration settings to correct the problem.

Replacing the Battery

A Lithium (Li) battery in the MiniDock maintains system configuration information for the last system docked. If the MiniDock fails to maintain the system configuration information, you may need to replace the battery.

Replace the battery in the MiniDock as follows:

1. Undock and remove the NEC Versa from the MiniDock.

2. Unplug any peripheral devices and cables attached to the MiniDock, including the power cable.

3. Turn the MiniDock over and locate the battery bay on the bottom of the unit.

4. Remove the screw that secures the battery bay cover. Insert a tip of a flat-head screwdriver into the notch and lift the cover off the unit.
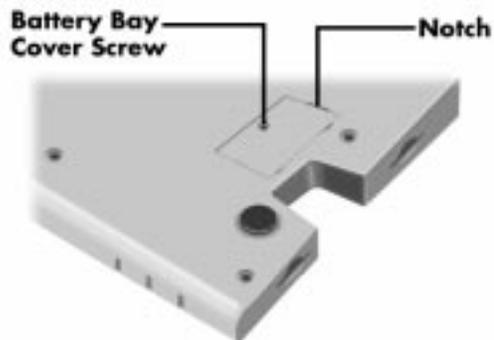
Removing the battery bay cover

5. Remove the battery as follows:

   ■ Lift the battery out of the MiniDock. It is attached to two cables, which are connected to the MiniDock via a connector.

   ■ Gently pull the cable connector into the battery bay until it is disconnected from the MiniDock.
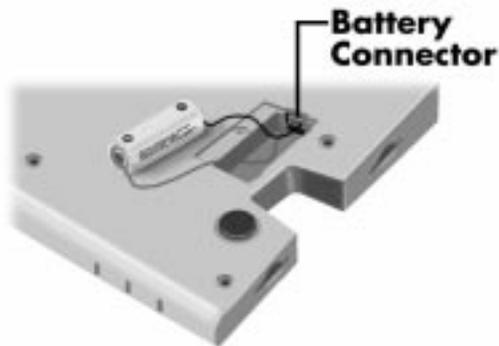
Removing the battery

6. Align the new battery cable connector with the connector inside the MiniDock battery bay.
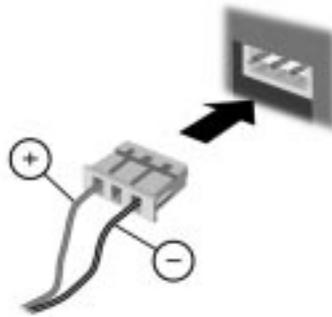
Connecting the battery cable connector

⚠ **WARNING**

Be sure to align the cable connectors properly. The battery could explode if inserted incorrectly.

Replace the battery only with the same or equivalent type recommended by the manufacturer. Discard used batteries according to the manufacturer's instructions.

---

7. Press firmly on the connector until the connection is secure.

8. Replace the battery bay cover and screw. Turn the MiniDock over to an upright position and reconnect any peripheral devices you removed.
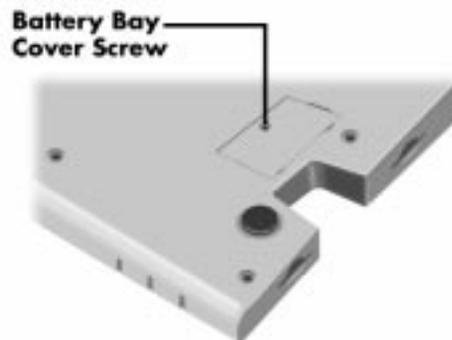
Replacing the battery bay cover screw

Battery Precautions

To prevent accidental battery ignition, rupture, or explosion, adhere to the following precautions.

⚠️ **WARNING**

There is a danger of explosion if the battery is incorrectly replaced. Replace only with the same or equivalent type. Discard used batteries according to the manufacturer's instructions. (See the Battery Disposal page at the end of this guide.)

- Keep the battery away from heat sources including direct sunlight, open fires, microwave ovens, and high-voltage containers. Temperatures over $60^{\circ}C$ ($140^{\circ}F$) may cause damage.

- Do not drop or impact the battery.

- Do not disassemble the battery.

- Do not solder the battery.

- Do not puncture the battery.

- Do not use a battery that appears damaged or deformed, has any rust on its casing, is discolored, overheats, or emits a foul odor.

- Keep the battery dry and away from water.

- Keep metal objects away from battery terminals. Metal objects in contact with the terminals can cause a short circuit and damage.

- If the battery leaks onto skin or clothing, wash the area immediately. Battery fluid can cause a skin rash and damage fabric.

- If battery fluid gets in eyes, DO NOT rub; rinse with clear water immediately and see a doctor.

Battery Disposal

Before disposing of the battery, put adhesive tape on the terminals. The battery is made of Lithium.

Contact your local waste management officials for information regarding environmentally sound collection, recycling, and disposal of batteries.

IF YOU NEED HELP

If you have a problem with your MiniDock 6000, first review the checklist and problems listed previously.

> NOTE If you purchased or are using the MiniDock or NEC Versa outside of the United States, please contact a local NEC office or dealer for the help available in your area.
>
> If you purchased your NEC Versa outside of the United States, see the booklet, "Getting Service and Support in Asia, Australia, and Europe," that came with your system.

If you still have a problem, call the NECCSD Technical Support Center (TSC), toll free, at 1-800-632-4525. (The TSC fax number is 1-508-635-4100.) Direct technical help is available Monday through Friday, between 8:30 AM and 8:00 PM, Eastern Standard Time (EST) for the following support.

■ Preinstalled software — toll-free phone support for 90 days from your first phone call.

   After the initial 90 days, preinstalled software support is available for a fee.

■ System hardware — toll-free phone support for one year after the date of purchase (standard warranty).

   After the 1-year warranty elapses, hardware support is available for a fee.

Before calling, please have your system name, model number, serial number, and purchase date ready. Also have as much information ready as possible about the problem you are having, including any error messages that occur.

> **NOTE** Free technical specifications, troubleshooting tips, and other helpful information for out-of-warranty products are available through NECCSD FaxFlash™ Service at 1-888-329-0088 (1-888-FAX-0088) by requesting catalog number eight. The international FaxFlash number is 508-635-6090.

If you purchased your MiniDock or computer outside of the U.S., please contact the local NEC office or the NEC dealers in your area for your specific warranty service.

A Specifications and Environment

The following specifications are standard except where noted.

Features

- Two PC Card slots for two Type II PC cards or one Type III PC card in the top slot and one Type II PC card in the bottom slot

- One VersaBay II that supports the installation of a diskette drive, SuperDisk LS-120 drive, CD-ROM reader, or hard disk drive

- Port replication of most NEC Versa ports, including: PS/2-style keyboard, PS/2-style mouse, serial, parallel, monitor

- Port replication of NEC Versa ports not found on all systems, including: external FDD connector, MIDI/Game port, and USB port

- Audio jacks and volume control, including stereo line in/out, monaural microphone in and stereo headphone jack

Input/Output Facilities

- Docking connector — 240-pin connector

- VersaBay II — 60-pin connector

- Keyboard — PS/2-style, 6-pin connector

- Mouse — PS/2-style, 6-pin connector

- Universal Serial Bus (USB) — 4-pin connector

- Parallel port —25-pin D-sub connector

- External monitor port —15-pin D-sub connector

- Serial port —9-pin D-sub connector

- MIDI/game port — 15-pin D-sub connector

- External FDD Connector — 26-pin connector

- Microphone — 3.5-mm jack; accepts monaural mini-microphone jack

- Headphone/Speaker jack — 3.5-mm jack; accepts stereo mini-headphones or speaker jack

- Line-In jack — 3.5-mm jack; accepts stereo mini-line-in jack

- Line-Out jack — 3.5-mm jack; accepts stereo mini-line-out jack

Indicator LEDs

- Docking Status LED

- IDE Drive Access LED

- Diskette Drive Access LED

Power Supply

- North America — 120 V, 7 A, 60 Hz

- Europe — 220-240 V, 10 A, 50 Hz

Power Cables

- North America

  — Rating: 120 V, 7 A

  — Plug: NEMA 5-15P

  — Cable: SVT or SJT 18/3 AWG; less than 15 ft (4.5 m) in length

  — Connector: IEC320

- Europe

  — Rating: 230 V (220-240 V), 10 A

  — Plug: Country specific

  — Cable: H05VV-F or H05VVH2-F; less than 15 ft (4.5 m) in length

  — Connector: EN60320

Dimensions

- Height: 3.66 in. (94 mm)

- Width: 11.58 in. (297 mm)

- Depth: 16.25 in. (416.6 mm)

- Weight: 6.61 lb (3.0 kg)

Environmental Requirements

Operating Environment

- Temperature: 41°F to 95°F (5°C to 35°C)

- Humidity: 20% to 80% (non-condensing)

Storage Environment

- Temperature: –4°F to 140°F (–20°C to 60°C)

- Humidity: 5% to 95% (non-condensing)

B Pin Assignments

KEYBOARD AND MOUSE PORTS

The ports for the external keyboard and mouse are 6-pin mini-DIN female ports. The keyboard and mouse connectors are male connectors.
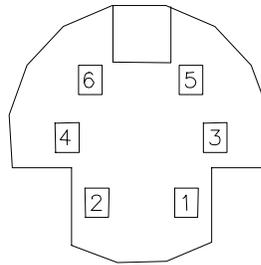
Keyboard and mouse ports

KEYBOARD/MOUSE PORT PIN ASSIGNMENTS

Pin	Signal	I/O	Function
1	KBDATA (MOUSEDATA)	I/O	Keyboard data (Mouse data)
2	NC	—	Not connected
3	GND	—	Ground
4	+5V	—	Power
5	KBCLK (MOUSECLK)	I/O	Keyboard clock (Mouse clock)
6	NC	—	Not connected

SERIAL PORT

Serial port pin assignments are as follows.

1 ⟶ 5

6 ⟶ 9
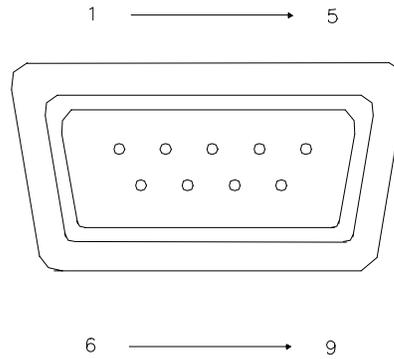
Serial port

SERIAL PORT PIN ASSIGNMENTS

Pin	Function
1	Carrier Detect
2	Receive Data
3	Transmit Data
4	Data Terminal Ready
5	Signal Ground
6	Data Set Ready
7	Request to Send
8	Clear to Send
9	Ring Indicator

PARALLEL PORT

Parallel port pin assignments are as follows.
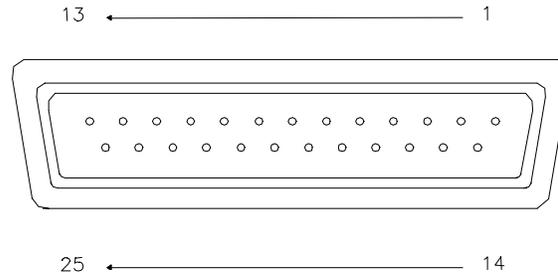
Parallel port

PARALLEL PORT PIN ASSIGNMENTS

Pin	Function
1	Strobe
2	Data Bit 0
3	Data Bit 1
4	Data Bit 2
5	Data Bit 3
6	Data Bit 4
7	Data Bit 5
8	Data Bit 6
9	Data Bit 7
10	Acknowledge
11	Busy
12	PE
13	Select
14	Auto Feed XT
15	Error
16	Initialize
17	Select In
18–25	Ground

MONITOR PORT

Monitor port pin assignments are as follows.
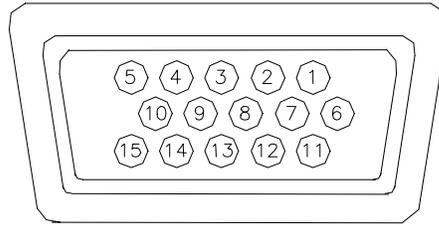
Monitor port

MONITOR PORT PIN ASSIGNMENTS

Pin	Function
1	Red
2	Green
3	Blue
4	VESA option (1)
5	Ground
6	Red return (ground)
7	Green return (ground)
8	Blue return (ground)
9	+5V
10	Sync return (ground)
11	VESA Option (2)
12	VESA Data
13	Horizontal sync
14	Vertical sync
15	VESA CLK

USB PORT

USB pin assignments are as follows.

USB PIN ASSIGNMENTS

Pin	Signal
1	VCC
2	DATA–
3	DATA+
4	GND

DOCKING PORT

Pin assignments for the docking port are as follows.

DOCKING PORT PIN ASSIGNMENTS

Pin	Signal	Description
1	CD3#	Docking Detect [3]
2 to 5	CHRPW	Charge Power
6	QVCC	Q Buffer Vcc
7	NC	Not Used
8	PRQB	PCI Bus Request B
9	GNTA#	PC/PCI Bus Grants
10	GND	Digital GND
11	PCIRST	PCI Reset
12	PCICLK	PCI System Clock
13	GNT0#	Std PCI Bus Grants
14 to 15	GND	Digital GND
16	AD31	PCI Address and Data Bus [31]
17	AD30	PCI Address and Data Bus [30]
18	AD28	PCI Address and Data Bus [28]
19	AD27	PCI Address and Data Bus [27]
20	AD25	PCI Address and Data Bus [25]
21	AD24	PCI Address and Data Bus [24]
22	AD23	PCI Address and Data Bus [23]
23	AD22	PCI Address and Data Bus [22]
24	AD20	PCI Address and Data Bus [20]
25	AD19	PCI Address and Data Bus [19]
26	AD17	PCI Address and Data Bus [17]
27	AD16	PCI Address and Data Bus [16]
28 to 29	GND	Digital GND
30	FRAME#	PCI Cycle Frame

DOCKING PORT PIN ASSIGNMENTS (CONT'D)

Pin	Signal	Description
31	IRDY#	PCI Initiator Ready
32	DEVSEL#	PCI Device Select
33	STOP#	PCI Stop
34	PERR#	PCI Parity Error
35	SERR#	PCI System Error
36	C/BE1#	PCI Bus Command and Byte Enable 1
37	AD15	PCI Address and Data Bus [15]
38	AD13	PCI Address and Data Bus [13]
39	AD12	PCI Address and Data Bus [12]
40	AD10	PCI Address and Data Bus [10]
41	AD9	PCI Address and Data Bus [9]
42	C/BE0#	PCI Bus Command and Byte Enable 0
43	AD7	PCI Address and Data Bus [7]
44	AD5	PCI Address and Data Bus [5]
45	AD4	PCI Address and Data Bus [4]
46	AD2	PCI Address and Data Bus [2]
47	AD1	PCI Address and Data Bus [1]
48	MDGNDN	Barrack Board DAA
49	SYSACT	Not Used
50	MDNEG	Barrack Board DAA
51	OHPC	Barrack Board DAA
52	MDPOS	Barrack Board DAA
53	MDGNDP	Barrack Board DAA
54	DSMICDET	Barrack Board Mic Detect
55	JOYF0	Joystick
56	JRC0	Joystick
57	DSHPDET	Barrack Board Headphone Detect
58	AGNDS	Analog GND for Sound

DOCKING PORT PIN ASSIGNMENTS (CONT'D)

Pin	Signal	Description
59	DSMICINL	Barrack Board Mic In Left
60	CD4#	Docking Detect [4]
61	VSYNC	CRT SYNC
62	2 MB IN	1.6 MB FDD (Japan only)
63 to 64	GND	Digital GND
65	HSYNC	CRT SYNC
66 to 67	GND	Digital GND
68	PREQA	PCI Bus Request A
69	NC	Not Used
70	REQA#	PC/PCI Bus Requests
71	IRQ15	ISA IRQ 15
72	CLKRUN#	Clock Run
73	IRQ14	ISA IRQ 14
74	REQ0#	Std PCI Bus Requests
75	IRQ12	ISA IRQ 12
76	GND	Digital GND
77	IRQ11	ISA IRQ 11
78	AD29	PCI Address and Data Bus [29]
79	IRQ10	ISA IRQ 10
80	AD26	PCI Address and Data Bus [26]
81	IRQ9	ISA IRQ 9
82	C/BE3#	PCI Bus Command and Byte Enable 3
83	IRQ7	ISA IRQ 7
84	AD21	PCI Address and Data Bus [21]
85	IRQ6	ISA IRQ 6
86	AD18	PCI Address and Data Bus [18]
87	IRQ5	ISA IRQ 5
88	C/BE2#	PCI Bus Command and Byte Enable 2

DOCKING PORT PIN ASSIGNMENTS (CONT'D)

Pin	Signal	Description
89	IRQ4	ISA IRQ 4
90	GND	Digital GND
91	IRQ3	ISA IRQ 3
92	TRDY#	PCI Target Ready
93	GND	Digital GND
94	LOCK#	PCI Lock
95	GND/NC	Jumper to GND
96	PAR	PCI Parity
97	NC	Not Used
98	AD14	PCI Address and Data Bus [14]
99	NC	Not Used
100	AD11	PCI Address and Data Bus [11]
101	DCDCIN	DC Power In
102	AD8	PCI Address and Data Bus [8]
103	DCDCIN	DC Power In
104	AD6	PCI Address and Data Bus [6]
105	ADADIN	DC Power In
106	AD3	PCI Address and Data Bus [3]
107	DCDCIN	DC Power In
108	AD0	PCI Address and Data Bus [0]
109	DCDCIN	DC Power In
110 to 111	GND	Digital GND
112	PIDET	Barrack Board DAA
113 to 114	GND	Digital GND
115	JOYF1	Joystick
116 to 117	AGNDS	Analog GND for Sound
118	JRC1	Joystick
119	DSLINL	Barrack Board Line In Left

Pin	Signal	Description
120	DSMICINR	Docking Station MIC-IN Right Channel
121	VCR1	VCR Power On Detect [1]
122	CONT	VESA Control
123	BLUE	CRT Blue
124	GND	Digital GND
125	AGNDV	Analog GND for Video
126	OPT2	VESA Option [2]
127	OPT1	VESA Option [1]
128 to 129	GND	Digital GND
130	RTS	Request to Send
131	GND	Digital GND
132	CTS	Clear to Send
133	DTR	Data Terminal Ready
134	RI	Ring Indicator
135	RXD	Receive Data
136	DSTRK0#	FDD Track 0
137	STEP#	FDD Step
138	HDSEL#	FDD Head Select
139	DSWRPRO#	FDD Write Protect
140	FDIR#	FDD Direction
141	DSDSKC#	FDD Disk Change
142	DENSY	FDD Density
143	DSREDA#	FDD Read Data
144	WRENB	FDD Write Enable
145	DSINDEX#	FDD Index
146	WDATA#	FDD Write Data
147	NC	Not Used
148	5VDD	

DOCKING PORT PIN ASSIGNMENTS (CONT'D)

Pin	Signal	Description
149	DSON#	NB Power Control
150	5VDD	
151	NC	Not Used
152	GND	Digital GND
153	USBFAULT#	USB
154	GND	Digital GND
155	NC	Not Used
156	GND	Digital GND
157	USB DATA+	USB Signal Line
158	USB DATA–	USB Signal Line
159	POWOK	NB Power Good
160	DCKINTR	Dock Interrupt
161	EXMSDAT	External Mouse Data
162	FDS	FD Select
163	EXMSCLK	External Mouse Clock
164	DSDET	Barrack Board Detect
165	EXKBDAT	External Keyboard Data
166	QBUFEN	Q Buffer Enable
167	EXKBCLK	External Keyboard Clock
168	SUSSW	Suspend Button
169	GND	Digital GND
170	SUSTAT	NB Status
171 to 173	GND	Digital GND
174	AGNDS	Analog GND forSound
175	MIDIOUT	MIDI Out
176	JRC2	Joystick
177	JOYF2	Joystick
178	DSLINR	Barrack Board Line In Right
179	DSOUTL	Docking Station Out Left

DOCKING PORT PIN ASSIGNMENTS (CONT'D)

Pin	Signal	Description
180	VCR2#	VCR Power On Detect [2]
181	CD2#	Docking Detect [2]
182	GREEN	CRT Green
183	RED	CRT Red
184 to 185	AGNDV	Analog GND for Video
186	VEDAT	VESA Data
187	VECLK	VESA Clock
188 to 192	NC	Not Used
193	PCTYPE1	PC Type ID 1
194	DCD	Device Carrier Detect
195	NC	Not Used
196	TXD	Transmit Data
197	NC	Not Used
198	DSR	Data Set Ready
199	HDDIC	HDD LED
200	NC	Not Used
201	FDDIC	FDD LED
202	NC	Not Used
203	NC	Not Used
204	DVSEL1	Drive Select 1
205	NC	Not Used
206	MOT1	FDD Motor 1
207	DSPCI	PCI Bus VCC
208	PDATA0	Printer Data [0]
209	AUTOFD#	Printer Auto Feed
210	PDATA1	Printer Data [1]
211	PINIT#	Printer Initialize
212	PDATA2	Printer Data [2]

DOCKING PORT PIN ASSIGNMENTS (CONT'D)

Pin	Signal	Description
213	PSELECT	Printer Select
214	PDATA3	Printer Data [3]
215	PBUSY	Printer Busy
216	PDATA4	Printer Data [4]
217	PACK	Printer Acknowledge
218	PDATA5	Printer Data [5]
219	PERROR#	Printer Error
220	PDATA6	Printer Data [6]
221	PE	Printer Paper Empty
222	PDATA7	Printer Data [7]
223	CRI	Docking Station Ring Indicate
224	PSTROBE#	Printer Data Strobe
225	GND	Digital GND
226	PSELIN#	Printer Select Input
227 to 231	GND	Digital GND
232	MIDIN	MIDI In
233	JOYF3	Joystick
234 to 235	AGNDS	Analog GND for Sound
236	JRC3	Joystick
237	DSCDL	Docking Station CD In Left
238	DSOUTR	Barrack Board Out Right
239	DSCDR	Barrack Board CD In Right
240	CD1#	Docking Detect [1]

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BATTERY REPLACEMENT

A lithium battery in your MiniDock maintains system configuration information. In the event that the battery fails to maintain system configuration information, NECCSD recommends that you replace the battery.

⚠ WARNING

There is a danger of explosion if the battery is incorrectly replaced. Replace only with the same or equivalent type recommended by the manufacturer. Discard used batteries according to the manufacturer's instructions.

⚠ ATTENTION

Il y a danger d'explosion s'il y a replacement incorrect de la batterie. Remplacer uniquement avec une batterie du même type ou d'un type recommandé par le constructeur. Mettre au rébut les batteries usagées conformément aux instructions du fabricant.

BATTERY DISPOSAL

The back-up battery is made of Lithium.

Contact your local waste management officials for other information regarding the environmentally sound collection, recycling, and disposal of the batteries. For additional information on the proper collection or disposal of rechargeable batteries, please call 1-800-8-BATTERY.