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Getting Started

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WELCOME

Congratulations on purchasing your NEC MobilePro™ 770 Professional PC Companion powered by the Microsoft® Windows® CE operating system. The size and capabilities of this device let you keep your most important business and personal information up-to-date and close at hand. Windows CE Services with ActiveSync™ increases the power of your device by letting you synchronize the information on your desktop or laptop computer with your device.

GETTING TO KNOW YOUR MOBILEPRO

The NEC MobilePro 770 offers you a portable system designed for synchronization with your desktop or notebook computer. Standard features include a VR4121, 64-bit MIPS processor with 24 KB, L1 cache, 32 MB RAM, an 8.1-inch H-VGA STN enhanced touch screen, a V.90 internal modem, a built-in microphone, internal speakers, and Type II PC card and CompactFlash™ card support.

NEC MobilePro 770



With your NEC MobilePro you can edit, create, send, and receive documents including text, spreadsheets, presentations, and email, manage your schedule and contacts, access the internet with the internal modem, and synchronize data with your notebook or desktop computer.

Cables

The NEC MobilePro 770 ships with the following cables.

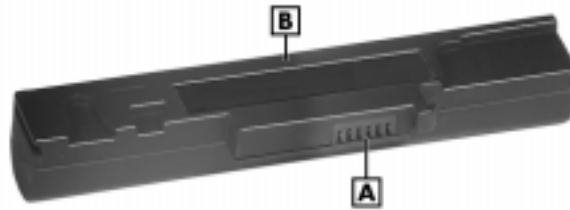
- AC Adapter
- PC Connect (serial port) cable
- RJ-11 Telephone cable
- VGA Monitor cable

INSTALLING AND CHARGING THE BATTERY

Follow these steps to install and charge the main battery.

1. Unpack the contents of the MobilePro carton and locate the unit and the Lithium-Ion battery pack.

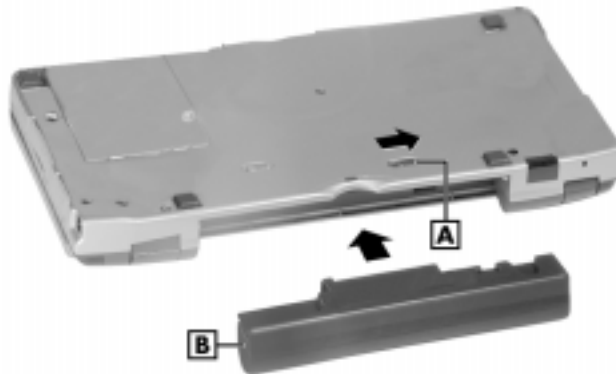
Lithium-Ion battery pack



A – Battery connectors – **B** – Lithium-Ion battery pack


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2. Locate the release lock on the bottom of the system.
 3. Slide the lock to the unlocked position in the direction of the arrow as indicated in the following figure.
 4. Put the Lithium-Ion battery pack in the bay and slide the battery in the direction of the arrow, as indicated in the following figure.

Inserting the battery pack



A – Battery release lock **B** – Lithium-Ion battery pack

5. Firmly press the battery until it is secure and clicks (locks) into place.
6. Slide the lock back to the locked position.

 **Note:** Be sure to slide the lock back to the locked position. The NEC MobilePro *will not* power on when the lock is in the unlocked position.

7. Charge the main battery while you work or explore the software on your new H/PC by connecting the AC adapter.

Refer to the next section, “Connecting the AC Adapter,” for connection information. The color of the left status LED changes from amber to green when the battery is fully charged.

CONNECTING THE AC ADAPTER

NEC recommends using the AC adapter if you

- are recharging the battery pack
- are using PC cards or Compact Flash™ cards
- are using the internal modem
- have your MobilePro H/PC on for long periods.



CAUTION

Follow these precautions whenever you use the AC adapter and the NEC MobilePro.

- When using the AC adapter, make sure the AC outlet is near the NEC MobilePro and easily accessible.
- Keep the main battery installed when running on AC power.
- When communicating or sending transmissions for a long time, use the AC adapter to conserve power.

Connect the AC adapter as follows:

1. Insert the plug on the AC adapter cable into the AC power port on the left side of the NEC MobilePro.

Connecting the AC Adapter



A – AC Power port **B** – AC adapter cable

2. Plug the AC adapter into a working AC outlet.
3. Power on the NEC MobilePro using the Power button at the top right section of the keyboard.

Using AC power saves battery life for when you are on the go, ensures that the backup battery maintains its charge, and helps prevent data loss.

Continue working with the NEC MobilePro 770 as it charges and leave it connected to AC power after the light turns green.

TAKING A QUICK TOUR

This section takes you through the process of setting up your system for the first time.

1. Open the display panel to start your NEC MobilePro 770 for the first time.

Press the Power button if the system does not start automatically.

2. Follow the on-screen instructions to calibrate the touch screen. If necessary, press **Ctrl Alt =** to recalibrate at any time.
3. Be sure to enter your name, local city, and set the clock for your local time.
4. Be sure to specify a country for using the built-in modem. For details, see the section in chapter 4, “Adjusting MobilePro Settings.”


KNOWING YOUR MOBILEPRO SOFTWARE

Your NEC MobilePro 770 features the latest version of Microsoft Windows CE software along with additional applications on the accompanying CDs.

Your NEC MobilePro 770 software includes:

- Microsoft Windows CE Services 2.2 CD (install on your desktop or notebook computer for access and synchronization).
- Microsoft Windows CE pre-loaded applications (in ROM)
- Bonus Software CD

For more information about your MobilePro software, refer to Chapter 3, “Introducing Windows CE.”

 **Note:** Bonus CD is for U.S. and Canada distribution only.

CONNECTING TO YOUR PC

Most users want to synchronize the MobilePro 770 with a desktop or notebook computer. In this mode, the MobilePro 770 is a companion PC. The latest work done on either the MobilePro or the desktop automatically appears on both machines, once the synchronization process occurs.

The following section provides an overview of the synchronization process followed by detail instructions for each stage of the process.

To configure your MobilePro for synchronization you must do the following.

- Verify the accuracy of the PC Connection default settings on your MobilePro.
- Ensure the availability of the serial port on your desktop or notebook computer.
- Install Windows CE Services on your desktop or notebook computer.
- Connect the PC Connect (serial) cable to your desktop or notebook computer and to your MobilePro.
- Create a partnership between your desktop or notebook computer and your MobilePro.
- Verify that the desired synchronization services are configured.

Verifying PC Connection Settings

Your MobilePro ships with PC Connection default settings. To verify the accuracy of these settings follow these steps.

1. Go to Start, Settings, Control Panel, Communications.
2. Select the PC Connection tab.
3. Verify the following settings.
 - “Allow connection with desktop computer when device is attached” is checked.
 - “Connect using Serial Port @ 19200” displays.

Ensuring the Availability of the Serial Port

The serial port on your desktop or notebook computer must be available for synchronization with your NEC MobilePro. To ensure the availability of the serial port follow these steps.

1. Access the setup utility on your desktop or notebook computer to verify that the port is enabled.
2. Check the device manager on your desktop or notebook computer to identify potential conflicts for the serial port. In the Windows environment:
 - Go to Start, Settings, Control Panel.
 - Double tap the System icon and select the Device Manager tab.
 - Check the Ports listing to determine if any conflicts exist (another device is assigned to or using the serial port). The port may be flagged with an exclamation point, for example, if any conflicts exist.
 - If another device is assigned to or is using the serial port, you must reassign the device to free up the serial port for MobilePro synchronization.

Installing Windows CE Services

You must install Windows CE Services on your desktop or notebook computer to enable synchronization with your MobilePro. The Microsoft Windows CE CD that ships with your MobilePro contains Windows CE Services software. Windows CE Services is designed for synchronization with Microsoft Office components. The following procedure assumes Microsoft Outlook 97 as the desktop or notebook synchronization component.

To install Windows CE Services for synchronization with Microsoft Outlook, follow these steps.



Note: The sequence of steps in the following sections may vary depending upon the Microsoft Office components installed on your desktop or notebook computer.

1. Insert the Windows CE CD in the CD-ROM reader of your desktop computer.
 - If auto insert is enabled on your desktop, the initial screen appears and displays choices for installation.
 - If auto insert is not enabled, go to Start, Run, browse for the CD-ROM drive, and run the setup.exe file.
2. Click the icon next to choice 3, Install Microsoft Windows CE Services. The setup wizard begins.
3. Click Next, when prompted, to display the license agreement window.
4. Read the license agreement and click Yes to accept the agreement. The setup window prompts for your name and company.
5. Enter your name and company and click Next to display the Installation Selection window.

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6. Select Typical and click Next to display the Installation Complete window. The Installation Complete window indicates that you will next establish communication with your MobilePro.
 7. Click Next to display the Get Connected window that prompts you to connect your (PC Connect) serial cable to continue the installation process.

Proceed to the next section to complete the installation.

Connecting the PC Connect Cable


When the system prompts you to connect the serial cable, follow these instructions to connect the PC Connect (serial) cable that ships with your MobilePro.

1. Locate and open the serial port cover on the left side of your MobilePro.
2. Align and attach the PC Connect cable to the serial port on the MobilePro. (If your cable is labeled, insert the cable with the word Up visible on the top.)

Connecting the PC Connect cable



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3. Connect the other end of the cable to the 9-pin serial port on your desktop or notebook computer. If your desktop has a 25-pin serial port, use an adapter (available in most computer stores).

 **Note:** Before connecting the PC Connect cable to the serial port on your desktop, be sure that the serial port is enabled in the desktop's BIOS setup and that no conflicts exist for the port. For details, see a previous section in this chapter, "Ensuring the Availability of the Serial Port."



CAUTION

Be sure to properly align the cable connectors and ports. Incorrect connection can damage the MobilePro H/PC and the computer.

Creating a Partnership

Once the PC Connect cable is connected, proceed with the installation to create a partnership between the MobilePro and your desktop computer.

Once the cable is connected, the Get Connected Window appears. Press the Start button and your desktop computer polls the MobilePro to identify its serial port and baud rate. When polling is complete, the Multiple Partnership window appears.

1. Select Single or Multiple, depending upon your configuration needs. The New Partnership wizard prompts for device name and description.


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2. Enter a unique name and description for your MobilePro device. Once defined, this information is stored on your MobilePro under Control Panel, Communication Properties. Next, the ActiveSync window prompts for your synchronization preferences.
 3. Select “On Connect” to establish that your desktop computer and your MobilePro synchronize each time your MobilePro is reconnected to your desktop. Select Next and choose the items that you wish to synchronize.
 4. Click Finish to complete the installation.

Verifying Synchronization Settings

Look for the new *Mobile Devices* folder on your desktop. To verify synchronization settings, follow these steps.

1. Double click the Mobile Devices folder.
2. Click Tools, ActiveSync Options and verify that the desired synchronization services are checked. Modify the selections as required.

Once installed, Windows CE Services automatically synchronizes your MobilePro 770 with your desktop’s Microsoft Outlook or Schedule+ email, contacts, calendar, and task list each time you attach the PC Connect cable to the MobilePro 770 and the desktop. The MobilePro 770 Bonus Software CD also includes software for synchronizing with other PC applications.

 **Note:** Whenever possible Windows CE Services automatically translates files and email attachments to and from the compressed formats that are used on your MobilePro 770. This enables MobilePro to view and work with files created with Microsoft Word, Excel, and PowerPoint among others.

SETTING UP A REMOTE CONNECTION

In addition to using your MobilePro as a companion PC, when you travel you can connect by modem directly to an internet service provider or a network remote access server, to get e-mail and to view web pages.

Refer to Chapter 5, “Setting Up a Remote Connection” or the MobilePro 770’s online help file (click the MobilePro Online Help icon on the MobilePro desktop screen) for details.

GETTING HELP

The following table provides a comprehensive list of where you can get help on your MobilePro 770, the software, connections, accessories, and support.

Help Resources

Item	Resource
MobilePro Operation	<i>MobilePro 770 User's Guide</i>
	MobilePro Online Help (Help icon on the MobilePro 770 desktop)
Windows CE	Windows CE Main Help (Help file included with Windows CE. Tap Start then Help on the MobilePro desktop taskbar.)
	http://www.microsoft.com/windowsce
Windows CE Services	Windows CE Services Help (After installing Windows CE Services on your desktop computer, double click on the Mobile Devices folder shortcut. Click Help, then Windows CE Services Help Topics)
	http://www.microsoft.com/windowsce/hpc/about/wcesv.htm
Connecting to Your Desktop Computer	Windows CE Main Help (Tap Communications then Connecting to Your Desktop Computer.)
	MobilePro 770 Online Help
	http://support.microsoft.com (Search for "Connecting to Your Desktop")
Modem Communications	MobilePro 770 Online Help
	Windows CE Main Help
Connecting to Internet Service Providers	<i>MobilePro 770 User's Guide</i>
	MobilePro 770 Online Help
	http://search.microsoft.com (Search for "Selected ISP Settings for the Handheld PC.")

Help Resources

Item	Resource
Software and Hardware Sources	http://www.microsoft.com/windowsce/hpc/partner/rguide (for PC cards, Compact Flash cards, network adapters, wireless modems, software, and more)
Microsoft Pocket Word, Excel, PowerPoint, Internet Explorer, Inbox, Calendar, Contacts, Tasks	Windows CE Main Help http://www.microsoft.com/windowsce/hpc/about/swapps.htm
MobilePro Accessories ¹	http://www.nec-now.com/necnow/accessories/default.asp
MobilePro Technical Support, Warranty Service ¹	800-632-4525, fax 801-578-5101
NEC NOW ^{SM1}	888-863-2669 http://www.nec-now.com ²

¹ For U.S. and Canada only. If you purchased this computer outside of the U.S. and Canada, a local service may apply. Contact a local NEC CSD dealer in your country.

² World Wide Web address subject to change.