

Pocket LOOX User's Manual

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Notation Used in this Manual

■ Sample Screens and Illustrations

The screens and illustrations in this manual are samples. The screens and illustrations can vary slightly by model and with circumstances.

■ Notation in Text

Icon	Meaning
Important	This gives items requiring attention during use or items that must be avoided. Always read these notes.
Critical Point	This gives information related to operations. Read these notes as necessary.
	This gives the manual to read.
	This indicates a CD-ROM.

■ Product Designations

This manual uses the following product name abbreviations.

Product Name	Notation in this Manual
Pocket LOOX	This device
Microsoft® Pocket PC 2002	Pocket PC 2002
Microsoft® Windows® XP Professional	Windows XP
Microsoft® Windows® XP Home Edition	Windows XP
Microsoft® Windows® 2000 Professional	Windows 2000
Microsoft® Windows NT® Workstation Operating System Version 4.0	Windows NT
Microsoft® Windows® Millennium Edition	Windows Me
Microsoft® Windows® 98 operating system SECOND EDITION	Windows 98
Microsoft® Word	Word
Microsoft® Excel	Excel
Microsoft® Outlook®	Outlook
Microsoft® ActiveSync®	ActiveSync
Microsoft® Internet Explorer	Internet Explorer
Microsoft® Pocket Word	Pocket Word
Microsoft® Pocket Excel	Pocket Excel
Microsoft® Pocket Outlook®	Pocket Outlook
Microsoft® Pocket Internet Explorer	Pocket Internet Explorer

Safety Precautions

■ Icons for Safe Usage

Icon	Meaning
 CAUTION	This icon indicates that if the contents of the message are ignored and the device mishandled, this can result in death or serious injury.
 WARNING	This icon indicates that if the contents of the message are ignored and the device mishandled, this can result in injury or material damage.

In order to distinguish the type of contents for danger and damage warnings, the following symbols are used together with the above icons.

Icon	Meaning
	Δ The symbol within the triangle indicates that the item is a warning or caution. Within the symbol is indicated the concrete nature of the warning. (The example on the left is a caution against getting fingers trapped.)
	○ indicates that the message is about behavior that must be avoided (prohibited behavior). Within the symbol is indicated the concrete nature of the prohibition. (The example on the left is a general prohibition.)
	● indicates that the contents should always be followed. (The example on the left is a general mandatory item.)

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High Safety Required Use

This Product is designed, developed and manufactured as contemplated for general use, including without limitation, general office use, personal use, household use and ordinary industrial use, but is not designed, developed and manufactured as contemplated for use accompanying fatal risks or dangers that, unless extremely high safety is secured, could lead directly to death, personal injury, severe physical damage or other loss (hereinafter 'High Safety Required Use'), including without limitation, nuclear power reaction control in nuclear atomic facility, airplane automatic aircraft flight control, air traffic control, operation control in mass transport control system, medical instrument for life support system, missile launching control in weapon system. You shall not use this Product without securing the sufficient safety required for the High Safety Required Use.

WARNING



Electrical shock

In the unlikely event of an abnormality with this device involving heat or smoke, abnormal smell, or abnormal noise, immediately switch off the power for this device and unplug the power plug for the AC adapter from the socket.

Make sure that the smoke stops, then notify the contact point for inquiries concerning Fujitsu products or the store you purchased this device from. Do not attempt to make repairs yourself. That would be dangerous.

Using the device in an abnormal state can result in electrical shock and fire.



Electrical shock

If foreign matter (metal, liquid, etc.) gets inside this device, immediately switch off the power for this device and unplug the power plug for the AC adapter from the socket.

Then, notify the contact point for inquiries concerning Fujitsu products or the store you purchased this device from. Using the device in this state can result in electrical shock and fire.

Be particularly careful in households with young children.



Electrical shock

If this device is dropped or otherwise subject to strong shock and damaged, switch off the power for this device and unplug the power plug for the AC adapter from the socket.

Then, notify the contact point for inquiries concerning Fujitsu products or the store you purchased this device from.

Using the device in this state can result in electrical shock and fire.



Distraction

Do not use this device while driving an automobile.

Doing so can interfere with safe driving and cause an accident. First park the automobile safely, then use this device.



Electrical shock

Connect the AC adapter to the ordinary household electrical supply (100-240 VAC).



Electrical shock

Do not plug or unplug the AC adapter with wet hands. Doing so can cause electrical shock.



Electrical shock

Do not touch the metal parts of connectors or the AC adapter. Doing so can cause electrical shock.



Electrical shock

Do not touch the metal parts of connectors or the AC adapter. Doing so can cause electrical shock.



Fire

If dust gets on the AC adapter electrodes or the socket, wipe it off with a dry cloth. Continuing to use this device with the dust can result in fire.



Electrical shock

Do not use this device if the AC adapter power cable is damaged or the socket is loose. Using this device under these conditions can result in electrical shock and fire.



Electrical shock

Do not damage or work on the AC adapter power cable. If do place a heavy object on it, yank on it, bend or twist it too forcibly, or heat it, this can damage the power cable and result in electrical shock and fire.



Electrical shock

Do not disassemble or alter this device yourself. Doing so can result in electrical shock and fire.



Electrical shock

Do not use this device if the LCD screen is not working and can not display anything.

For repairs, contact the contact point for inquiries concerning Fujitsu products or the store you purchased this device from. Using the device in this state can result in electrical shock and fire.



Electrical shock

Do not use this device anywhere with excessive humidity, dust, or oily smoke, for example a kitchen, or any location with poor ventilation, or anywhere with an open flame. Doing so can result in electrical shock and fire.



Electrical shock

Do not use this device anywhere water can get on it, for example in rooms with bath tubs or showers. Doing so can result in electrical shock and fire.

 **WARNING**



Electrical shock

Do not get water on this device or get it wet. Doing so can result in electrical shock and fire.



Electrical shock

Do not place any vase, flower pot, cup, or other utensil containing water or any paper clip or other metal object on or near this device. Doing so can result in electrical shock and fire.



Electrical shock

Do not insert or drop any metal objects or flammable foreign matter through any openings (slots etc.) into this device. Doing so can result in electrical shock and fire.



Choking

If a small child swallows a removed cover, cap, screw, or other small part, they can choke. Caregivers should be careful to place such small parts somewhere small children can not reach.

If a child should swallow such an object, seek immediate medical assistance.



Electrical shock

If lightning should occur anywhere nearby, unplug the power plug for the AC adapter from the socket. If you continue to use this device, lightning may destroy this device and cause electrical shock and fire. For the sake of safety, a surge protector is also recommended. However, please understand that if extraordinarily powerful lightning strikes and exceeds the capacity of the surge protector, even the surge protector will not be able to protect this device.



Interference

Inside hospitals and locations with medical electrical equipment, either switch off the wireless communication functions or switch off the power for this device itself. Be particularly careful not to bring this device into operating rooms, intensive care units (ICUs), coronary care units (CCUs), or the like. The signals from this device's wireless functions can interfere with medical electrical equipment and cause them to malfunction.



Interference

Keep this device at least 22 cm away from cardiac pacemakers. The signals from this device can affect the operation of pacemakers.

 **WARNING**



Interference

In crowded locations, such as inside full trains, there is a possibility that someone nearby is wearing a pacemaker, so either switch Off the wireless communication functions or switch off the power for this device itself. The signals from this device can affect the operation of pacemakers.



Interference

Inside aircraft, either switch Off the wireless communication functions or switch off the power for this device itself. There is a danger of the wireless communications functions interfering with the safety of the aircraft.



Prohibited

Do not use this device near automatic doors, fire detectors, and other automatic control equipment. The signals from the wireless communications functions can make automatic control equipment malfunction and lead to accidents.



Interference

At locations such as gas stations where there are flammable gases, either switch Off the wireless communication functions or switch off the power for this device itself.

The wireless communications functions could cause explosion or fire.



Suffocation

Do not let children put the vinyl bag for this device in their mouths or over their heads. They could suffocate.

 **CAUTION**



Fire

Use only the specified AC adapter. Using any other adapter can cause fire and injury.



Fire

Plug the AC adapter all the way into the socket. A half plugged-in plug can cause fire and accidents.



Electrical shock

When unplugging the AC adapter from the socket, hold it by the plug. Never yank on the power cable.

Yanking on the power cable can expose or break the wires in the cable and cause electrical shock and fire.



Injury

Do not place this device on an unstable location, for example a location that shakes drastically or is tilted. This device could fall over or drop and cause injury.



Injury

Do not place any heavy objects on this device and do not subject it to strong mechanical shock.

Balance may be lost and something fall over or drop and cause injury.



Fire

Do not leave this device for prolonged periods in a location subject to direct sunlight or a hot locations, such as inside a parked car on a warm, sunny day. Excess heat can heat up the cover and other parts and deform or melt them and if the temperature within this device becomes excessively high, this can cause a fire.



Fire

While it is in use, do not cover or wrap this device itself or its AC adapter with a cloth or the like. This can cause heat to build up and cause a fire.



Electrical shock

When moving this device, always unplug the AC adapter from the socket, disconnect any connecting cables, and watch your step.

Failure to do so can damage the power cable of the AC adapter and cause electrical shock and fire. This device might drop or fall over and cause injury.

CAUTION



Electrical shock

When leaving this product unused for a prolonged period of time, for the sake of safety, unplug the AC adapter from the socket and from this device. This eliminates the possibility of electrical shock and fire.



Injury

If the LCD display is broken and the liquid leaks out and gets on your skin, wash your skin with running water for at least 15 minutes. If the liquid from the LCD display gets in your eyes, wash out your eyes with running water for at least 15 minutes and seek medical attention.



Protecting your health

If you look at the LCD display continuously for long time, this can cause such eye injury as "nearsightedness" or "dry eyes". Every hour, take at least a 10-minute break. Also, as much as possible, position this device so that you are looking down on the screen. Make a conscious effort to blink frequently. Use eye drops.



Hearing loss

When using headphones, be careful not to raise the volume too high.

Listening for long periods of time to volume so loud that it irritates your ears can cause deterioration of hearing.



Hearing loss

Do not switch the power On/Off while you have headphones on. The irritating sound that results can cause deterioration of hearing.



Battery rupture

When disposing of this product, do not throw away with other garbage. This product contains lithium batteries which can burst thrown into a fire.

When disposing of this product, follow local regulations and ordinances.



Accidents

Do not press on this product anywhere not necessary for operation or apply excessive force to this product. Doing so can cause malfunction.



Fire

For the sake of safety, switch this device off (via power button) when not using it. Leaving it on for excessively long periods of time is not recommended.

LCD Display Characteristics

The following are characteristics of the LCD display. Please understand that they do not signal any breakdown of the equipment.

- TFT LCD displays use high-level technology. The screen is comprised of over 230,000 pixels (dots) (for this device). Therefore, there may be dots on the screen that do not light up or that never turn off. Please understand that these do not signal any breakdown of the equipment.
- Due to the nature of the manufacturing process, the colors for the LCD display used in this device can vary from product to product. Also, temperature fluctuation and the like can cause a certain level of color unevenness.

Caution

This device is a Class B information technology device based on the standards of the Radio Wave Interference Self-Regulation Council for information processing devices etc. (VCCI). This device was designed for use in the home environment, but if this device is used too close to radio or television receivers, it may interfere with reception. Handle this device correctly according to its manual.

Concerning the Use of This Device in Safety-Critical Programs

This device was designed for ordinary programs such as general office work, personal use, home use, and ordinary industrial use. It was neither designed nor manufactured for use in safety-critical programs. Do not use this product without taking measures to secure the safety required for the particular safety-critical program. A safety-critical program means programs such as the examples below in which an extremely high level of safety is required and in which there is a direct and severe danger to life and limb in the event that this required level of safety is not secured.

- Reactor control in nuclear power facilities, automatic flight control of aircraft, air traffic control, traffic control in high-volume transport systems, medical equipment for life support, missile launch control and other weapons systems

Backing up Data

In order to secure the data recorded on this device (including basic software and program software), customers should take necessary measures themselves, for example backing up data. Also, since the preservation of the data cannot be assured when repairs are made, when requesting repairs, it is necessary that the customer back up their data before hand. Please understand that if data is lost during repair, this company cannot assume any responsibility whatsoever for securing or recovering the data or resulting damage for any reason whatsoever, other than the items specifically listed in the warranty.

The usage environment for this device is temperatures of 0~40°C and relative humidity of 20~80%. The storage environment temperature is from -25°C to 60°C and relative humidity of 8~90%.

Federal Communication Commission Interference Statement

This equipment has been tested and found to comply with 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 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 radio/TV technician for help.

FCC Caution: To assure continued compliance, (example - use only shielded interface cables when connecting to computer or peripheral devices) any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This device complies with Part 15 of the FCC Rules. Operation 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.

IMPORTANT NOTE:

FCC Radiation Exposure Statement:

This equipment is in compliance with FCC's RF exposure rule for body-worn device. The output power of this device is low enough to omit the SAR testing requirement.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Configuration of this Manual

SECTION 1

This chapter explains basic operation methods for the hardware.

SECTION 2

This chapter explains the basic operation methods for using Pocket PC 2002.

SECTION 3

This chapter explains how to use the Internet to view web pages and send and receive email and instant messages.

SECTION 4

This chapter explains the operations for using this device with a notebook.

SECTION 5

This chapter explains various programs that can be used with this device.

SECTION 6

This chapter explains how to exchange data between this device and a computer using ActiveSync.

SECTION 7

This section explains connecting using a CF card, how to view Web pages using an CF card and explains sending/receiving email using a CF card.

SECTION 8

This chapter explains how to customize the environment of this device and how to set the functions you want to use.

SECTION 9

This chapter explains what to do if you device seems to be operating strangely and you do not know how to fix the problem.

SECTION 10

The appendices provide hardware specifications and other supplementary information concerning this device.

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SECTION 2

SECTION 3

SECTION 4

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SECTION

1

1 Notice Concerning Usage

Please watch out for the following, which can cause malfunction and accidents.

■ Handling Precautions

- Do not subject this device to mechanical shock or vibration.
- Do not disassemble this device.
- If this device is used a prolonged periods of time, the temperature of the surface of this device rises and becomes hot when you touch. This is because heat radiates from the device as a whole once the temperature within the device reaches a certain level. It does not signal breakdown of the device.

■ Locations to Avoid for Usage and Storage

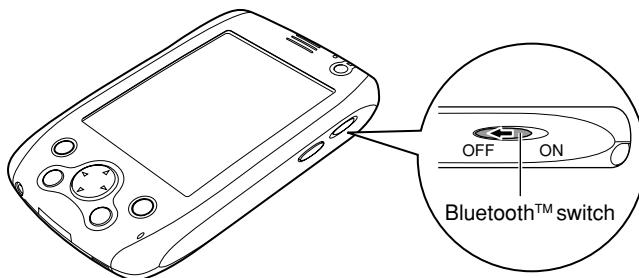
Avoid using this device in locations such as the following.

- Locations with extremely high or low temperatures
Operating temperatures of this device is 0 ~ 40°C and storage temperatures is -25 ~ 60°C
- Locations subject to direct sunlight
- Locations subject to mechanical shock or vibration
- Excessively dusty locations
- Locations where water or any other liquid might get on this device
- Locations with high humidity
- Locations where Bluetooth™ signals could be harmful (hospitals, within aircraft, in crowded trains, etc.)

◆ How to Stop the Bluetooth™ Functions

In locations such as hospitals, aircraft, and crowded trains, where Bluetooth™ signals could be harmful, either switch Off the power for this device and stop using it or use this device with its Bluetooth™ functions stopped.

To stop the Bluetooth™ functions of this device, slide the Bluetooth™ switch on the right side of the device as shown in the following figure to the Off side.



■ Cleaning

⚠ WARNING



In order to prevent electrical shock or injury, always execute the following before cleaning.

- Switch Off the power for this device and disconnect the AC adapter.
- If this device is connected to a computer, remove this device from its cradle.

◆ Cleaning the Main Unit

To clean this device, wipe it gently with a soft dry cloth.

If the dirt is stubborn, use a cloth dipped in water or water with diluted neutral cleaning solution and well-wrung out. When wiping off this device with diluted neutral cleaning solution, wipe off the cleaning solution with a cloth dipped in water and well-wrung out. When wiping this device, be careful not to let any water get into it. Never use paint thinner, benzene, or any other strongly volatile solution or any washcloth with chemicals imbedded in it.

◆ Cleaning the Touch Screen (LCD display)

Gently wipe the touch screen clean with a soft, dry cloth or eyeglasses cloth.

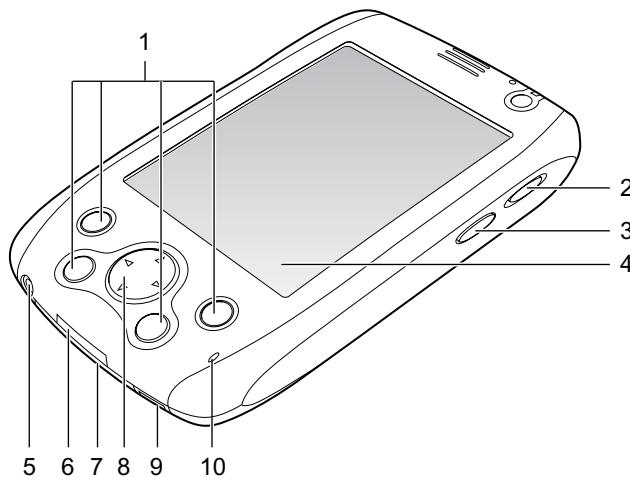
Important

- ◆ Never rub the touch screen surface with anything hard or press strongly against it. Doing so could break the touch screen.

2 Names of the Parts and Their Functions

The names of the parts of this device and their functions are as follows.

■ Right Side/Bottom



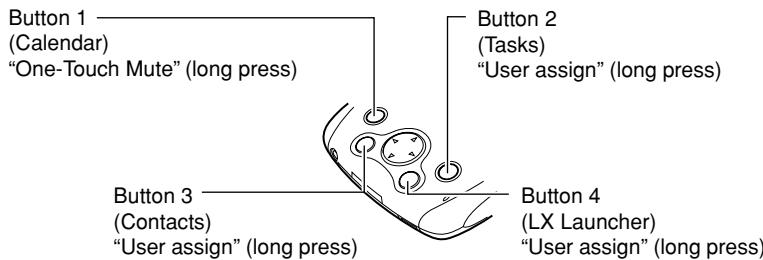
1 Applications buttons

With these buttons, you can quickly start the applications you want. Each button can be assigned to two applications. You select which one to start by how you press the application button.

- Press the button and release it immediately.
- Press the button and hold it about one second before releasing it (long press).

A total of eight applications can be assigned to the four application buttons. For details on how to assign the two applications for each button, see “Application Buttons Settings”.

The factory settings for these buttons are as follows.



Critical Point

● One-Touch Mute

This application switches the muting of audio output from the built-in speakers On/Off. Be aware of the following points.

- Even though the sound is muted, the  on the title bar does not change to . MUTE is displayed.
- When you tap , the dialog box for muting the sound and the volume setting is displayed. Executing the one-touch mute while this dialog box is being displayed has no effect.

2 Bluetooth™ switch

This is a slide switch for switching the Bluetooth™ functions On/Off.

3 Record button

The factory setting for this button is to start record the sound. You can record (in monaural) while this button is pressed. To assign this button to a different application, please refer to “Application Buttons Settings”.

4 Touch screen (LCD display)

This screen displays information and can also be used for application operation and data input by means of the extendable stylus pen.

5 DC-IN connector

This is where the AC adapter for the device is connected.

6 External connection port

This is the connection port for the accessory cradle and the connection cable.

7 Expansion connector (behind protective cover)

This is the connection port for an expansion battery unit or other expansion pack.

8 Navigation button

This button is equivalent to the     keys on a computer keyboard and can move the cursor up/down/left/right and through selection items. Also, pressing on the center of this button executes the operation and is equivalent to pressing the  key on a computer keyboard (to select and execute.)

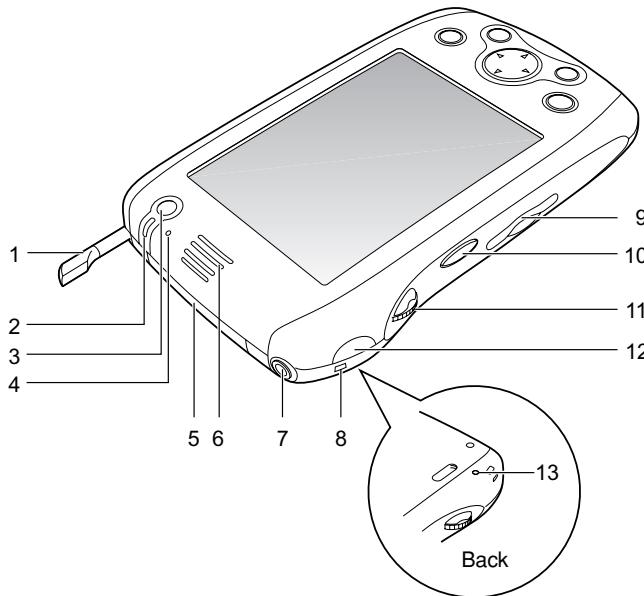
9 Battery switch (behind slide cover)

This slide switch switches battery power for this device On/Off. When starting use of this device, slide this switch to the On side. When you slide this switch to the Off side, any applications installed by the user of the device and the user's data are deleted and this device is returned to the state it was in when purchased.

10 Built-in mic

When recording sound, hold down the Record button with this built-in mic close to the sound source. The recording is in monaural.

■ Left Side/Top



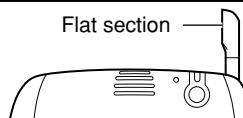
1 Extendable stylus pen

This is a special pen for inputting text and executing programs on the touch screen. It is taken out and stored as follows.

- To take the extendable stylus pen out of storage, press the head of the extendable stylus pen and release your hand when you hear a click. The head of the extendable stylus pen pops out so that you can take out the extendable stylus pen.
- To store the extendable stylus pen, insert it into its storage location and press until you hear a click.

Important

- ◆ When storing the extendable stylus pen on this device, always insert it with the flat section facing the left side of this device, as in the figure on the right. If you force the extendable stylus pen into its storage place facing in any other way, you may not be able to take it out again.



2 Indicator

This indicator flashes green during charging and lights up green when the battery charge is complete.

Also, at the time specified for an alarm, it flashes orange. For details on how to set alarms, see "Setting Notices" and "Setting the Date/Time".

3 Power button

This button switches the power for this device On/Off.

Also, if this button is pressed together with the scroll lever, the touch screen calibration screen is displayed. Tap “Correct touch screen”, then following the instructions on the screen, tap “+” to correct the touch screen. For details on how to operate the scroll lever, see the scroll lever operation method.

4 Light sensor

This sensor is for switching the brightness of the screen according to how strong the extra light is.

5 CF card slot (with dummy card)

This slot is where a CF card is set.

6 Built-in speakers

This speaker outputs sounds from the system (for example alarms), recorded sound, etc.

7 Stereo headphone terminal

You can connect any off-the-shelf headphones (the type with straight 3.5 mm mini plug) and listen to audio.

8 Strap installation port

Install any off-the-shelf hand strap.

9 SD/MMC card slot

This slot is where an SD/MMC card is set.

10 Start button

This button is equivalent to the  key on a computer keyboard. When you press and release this key, the  menu is displayed. With the  menu displayed, you can use the scroll lever and the cursor button to select and execute applications. Also, if you press and hold this button about one second (long press), the application assigned to this button is started. For details on how to assign the application for this button, see “Application Buttons Settings”.

11 Scroll lever

This is used for scrolling the screen and selecting/executing items.

Also, if the scroll lever is pressed together with the power button, the touch screen calibration screen is displayed. Tap “Correct touch screen”, then following the instructions on the screen, tap “+” to correct the touch screen. For details on how to operate the scroll lever, see the scroll lever operation method.

12 Infrared communications port

This is the data output/input port for infrared communications.

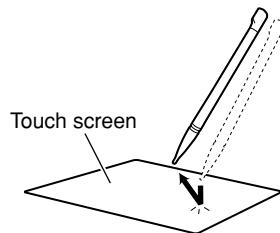
13 Reset switch

To reset this device.

◆ Touch Screen Operation Methods

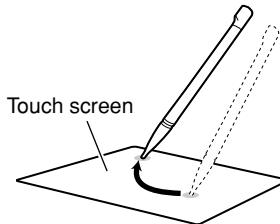
Tap

Touch the extendable stylus pen gently to the screen once and remove it immediately. This operation is equivalent to "clicking" on a computer and is used for tasks such as starting applications.



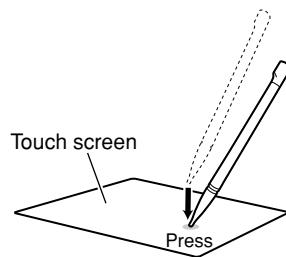
Drag

Press the extendable stylus pen gently against the screen and drag it along the screen. This is used for tasks such as writing.



Tap-and-hold

Press the extendable stylus pen gently against the screen and leave it in place. This operation is equivalent to a "right click" on a computer and is used for displaying pop-up menus. At the position where the extendable stylus pen is pressed, first a red circle is displayed, then a pop-up menu is displayed.



Important

- ◆ Always use the extendable stylus pen to operate the touch screen. Using a pencil or ball point pen will scratch the touch screen.

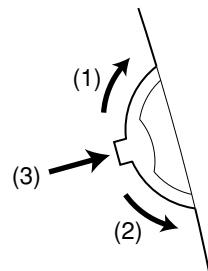
■ Scroll Bar Operation Methods

When a menu, scroll bar, etc. is displayed on the screen, operate as follows.

- When a menu is displayed on the screen, you can select/execute items.

- To select the forward item, move in the direction of (1).
- To select the rear item, move in the direction of (2).
- To execute the selected item, press in the direction of (3).

– When the scroll bar is displayed on the screen, you can scroll up with (1) and down with (2).



Also, when you press in the direction of (3) together with the power button, the touch screen correction screen is displayed. Tap “Correct touch screen”, then following the instructions on the screen, tap “+” to correct the touch screen.

3 Battery

This device can operate on external power through the AC adapter or on its internal battery. To use this device with the battery, it is necessary to charge it beforehand. Also, while this device is operating, if low battery indicator is displayed at the top right of the screen, recharge the battery soon. For details on the meaning of the icons displayed, see "Status Icons".

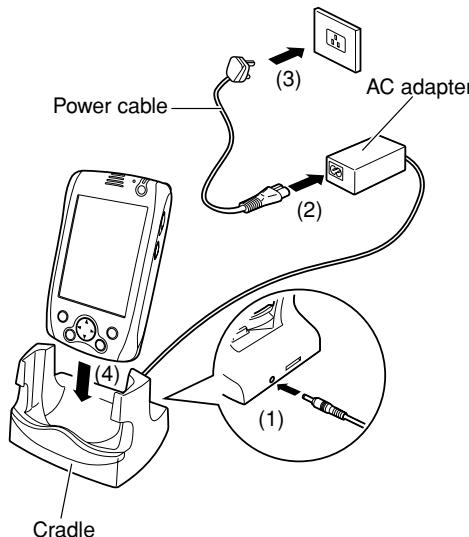
■ Charging

There are two ways to charge this device: with the cradle and with the AC adapter. When using this device for the first time, read "Preparations for using this device for the first time" and switch the battery switch On.

◆ Charging with the Cradle

Set this device in the cradle to charge its battery.

As in the figure, (1) Connect the AC adapter to the cradle, (2) Connect the power cable to the AC adapter, (3) Plug in the other end of the power cable to the socket, (4) Place this device in the cradle.

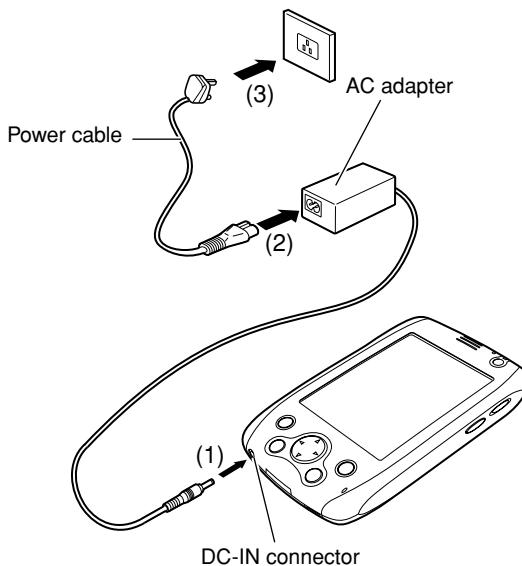


◆ Direct Charging

You can also charge by connecting the AC adapter to this device.

As in the figure, (1) Connect the AC adapter to DC-IN connector of this device, (2) Connect one end of the power cable to the AC adapter, (3) Plug the other end of the power cable into the socket.

As in the figure, (1) Connect the AC adapter to this device or DC-IN connector, (2) Connect the power cable to the AC adapter, (3) Plug in the power cord to the socket.



◆ Points to Watch Out

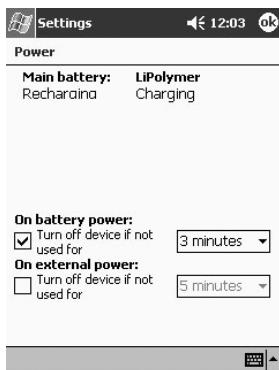
- During charging, the indicator flashes green.
- Charging takes about three hours. When charging is complete, the indicator lights up green.
- If the expansion battery is installed, it is charged in parallel with the main internal battery.

■ Checking the Remaining Capacity of the Battery

After you switch on the power for this device, you can check the remaining capacity of the battery with the following procedure.

- 1 Tap  → “System” tab → “Power Management” in that order.

You can check the remaining capacity at “Remaining Capacity”.



For details on this screen, see "Power Settings".

■ Points to Watch Out

- Preserving Data and Remaining Battery.
- Even when the unit is not used, the battery is used to maintain your data and applications you add., if the battery is left too long without being recharged, the data will be lost.
In order to prevent data loss, be ready to recharge the battery whenever  is displayed at the top right of the screen.
Please understand that Fujitsu is not responsible whatsoever for any data loss due to failure to maintain the charge in the battery.
- Back up your data periodically just in case.

■ Recharging

- When using this device for the first time and if the battery has not been charged for a long time, charge the battery before using this device.
- Charge the battery long enough to fully charge it.
- The battery charge capacity is reduced if the ambient temperature is too high or too low.

■ Battery Service Life

The battery has a certain service life. As the battery is charged/discharged over and over, its charge capacity gradually drops. When the time that the battery is capable of running this device becomes extremely short, it is time to replace it.
(For the internal battery, send this device to the service center to have the battery replaced.) How long the battery will last before needing to be replaced depends on how this device is used, so observe the following points.

- If this device is left in a high-temperature or low-temperature environment, the battery wear and deterioration proceed faster.
- Rather than completely charging/discharging the internal battery or the expansion battery pack, charging a little at a time (or before battery state is critical low) extends the battery service life.

4 Switching the Power On/Off

You can simply switch the power On/Off, but there are a few points to watch out for.

◆ Switching On the Power

Important

◆ Precaution for switching On the power

When using this device for prolonged periods of time or using communications or other operations that consume large amounts of power, we recommend connecting the AC adapter.

◆ Precaution for use with the battery

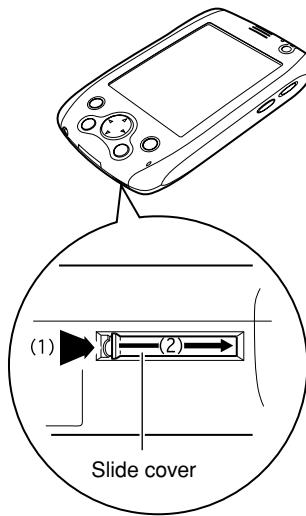
In the following cases, the battery is not charged. Check the remaining capacity for the battery and charge it as necessary.

- When you first purchase this device
- If the battery has not been charged for around 7 days or longer

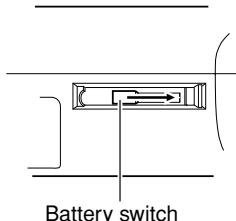
◎ Preparing to Use this Device for the First Time

When using this device for the first time, switch the battery switch On and supply power to the memory.

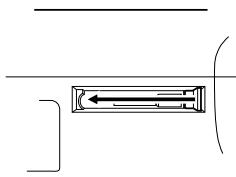
1 Use the extendable stylus pen to slide open the battery cover.



2 Slide the slide switch to the ON side.

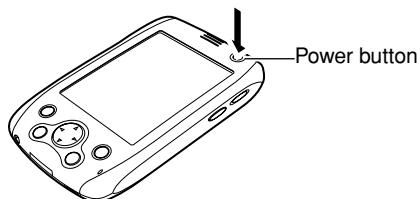


3 Close the slide cover.



④ Normal Method for Switching on the Power

- 1 When using this device with the AC adapter, connect the AC adapter as explained in "Direct Charging".
- 2 Press the power button.



When using this device for the first time, read the "Power on the device for the First Time" in the "Quick Start Guide" and make the initial setup.

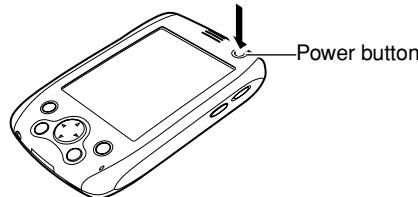
◆ Switching Off

- 1 Tap at the top right of the screen to end the operation being carried out.
Any data being operated on is saved.

Important

- ◆ Even if the power is switched Off, data being operated on is resumed (re-opened) when the power is switched back On, but always save the data anyway. If you end operations without saving the data, if the program encounters error, the data could be lost.

2 Press the power button.



Important

◆ **Disconnecting the AC adapter**

Check that the battery is charged before disconnecting the AC adapter and changing to battery power while using this device. For details on how to check the battery's remaining capacity, see "Checking the Remaining Capacity of the Battery".

◆ **Always disconnect the AC adapter in the following case**

When leaving this device unused for a prolonged period of time.

5 Resets

Resetting is an operation that is necessary in such cases as system and application encounter critical errors and stop respond to input. There are two types of resets.

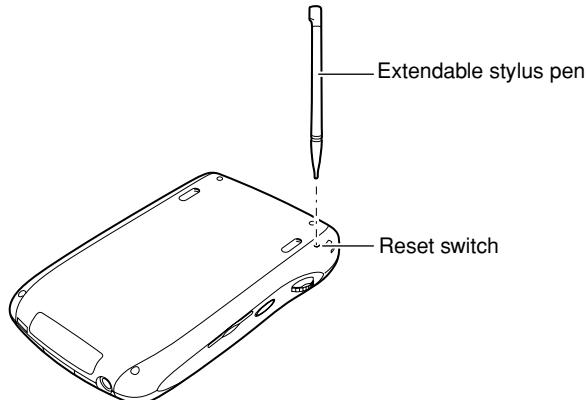
- Normal resets
- Full resets

■ Normal Resets

A normal reset is equivalent to Restart for a computer. This operation is necessary when there is trouble such as a program that stops responding.

When you execute a normal reset, the current data will lost.

To execute a normal reset, press the reset button on the rear of the device itself with the extendable stylus pen as shown in the figure.



Important

- ◆ Always press the reset switch with this device's extendable stylus pen. Using a ball point pen or the like can damage this device.

■ Full Resets

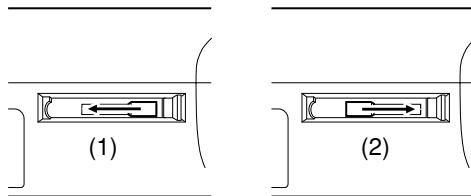
A full reset is equivalent to recovery for a computer and returns this device to its factory status. This operation is necessary in such unlikely cases as the system becoming unable to start.

When you execute a full reset, the following data is lost. Make sure you back up your data before performing this step.

- Data being operated on
- Data created by the user
- Added programs

To execute a full reset, operate the battery switch as follows.

- 1 Open the slide cover.
- 2 Using the extendable stylus pen, (1) Slide the battery switch to the Off side, then (2) Slide it back to the On side.



- 3 Close the slide cover.
- 4 Read  “Switching on the Power for the First Time” in the “Quick Start Guide” and execute the initial setup.

6 Connecting with a Computer

When you connect this device with a computer, you can exchange data between them. For further details, see “Chapter 6 Linking with a Computer”.

■ Computers This Device Can Connect to

In order to connect with this device, the computer must meet the following conditions.

OS	Windows XP/Windows 2000/Windows NT (SP6 or later)/Windows ME/Windows 98
Program	<ul style="list-style-type: none">Outlook 98 or laterMicrosoft Office 97 or laterInternet Explorer Version 4.0.1 Service Pack 1 or later (When using mobile favorites, Internet Explorer 5 or later)
Others	<ul style="list-style-type: none">Hard disk available space: 12-65 MB min.Port: 9-pin serial/infrared port/USB (not with Windows NT)/Bluetooth™Drive: Drive that can read CD-ROMsGraphic adaptor: 256 colors/VGA min.Keyboard, mouse

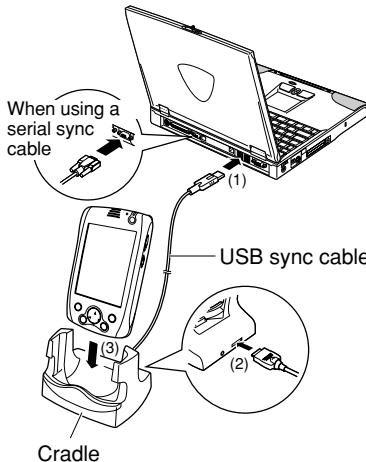
Notes:

- To synchronize the Inbox, Calendar, Contacts, Tasks, and Notes with the device, Outlook 98 or Outlook 2002 is recommended (or latest).
- In order to synchronize Pocket Word and Pocket Excel with the device, Microsoft Office 97 or later is required.
- Windows NT is not recommended as it does not support USB port.

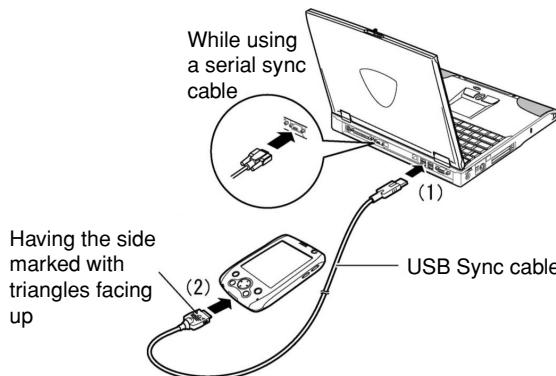
■ Connecting

This device can be connected with a computer with any of the following methods.

- Connecting using the cradle
As in the following figure, (1) Connect the USB sync cable that comes with this device or a separately-purchased serial cable to the computer connector, (2) Connect the other end to the cradle, (3) Put this device in the cradle.
For details on infrared communications, see "2 Infrared Connections".
- Connecting using the infrared communications port
For details on infrared communications, see "2 Infrared Connections".
- Connecting using Bluetooth™
For details on Bluetooth™ communications, see "3 Bluetooth™ Connections".



- Connecting using USB Sync cable



7 Installing Expansion Units

You can strengthen the functions of this device by installing expansion units, such as memory.

■ Expansion Units That Can Be Used with This Device

The following functions units can be installed in this device.

- Expansion battery
Adding the expansion battery enables you to operate this device longer between recharges.
- CF card
Installing a memory card enables you to save larger files, such as digital camera pictures, and more applications. You can also install a communications card or other I/O CF card.
- SD/MMC card
Installing a memory card enables you to save larger files, such as digital camera pictures, and more applications.

■ Installing an Expansion Pack

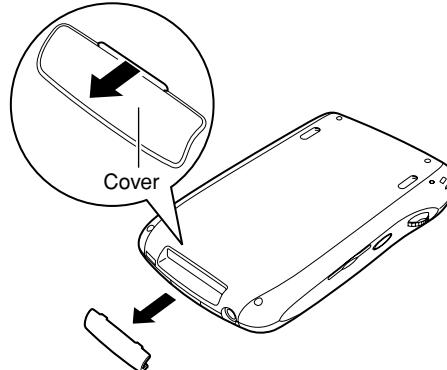
The methods for installing/removing expansion packs are as follows.

◆ Installation

Before installing an expansion pack, disconnect the power of this device.

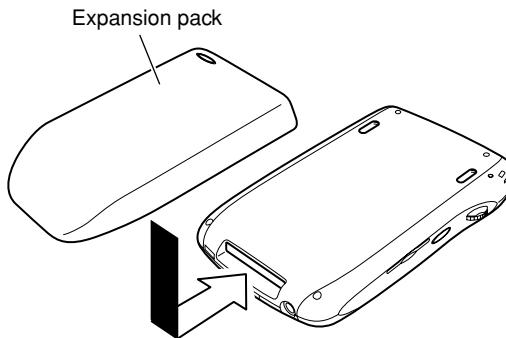
1 Remove the cover.

Press your finger against the edge of the cover and remove it.



2 Install the expansion pack.

Slide in the direction of the arrow until you hear a click.

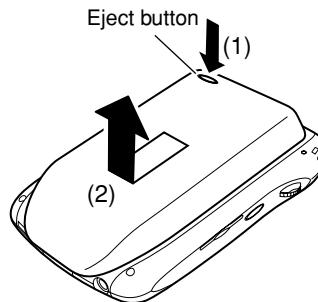


◆ Removal

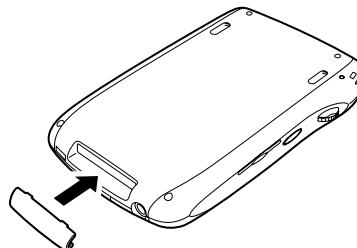
Before removing an expansion pack, disconnect the power of this device.

1 Remove the expansion pack.

(1) While pressing the eject button, (2) Slide in the direction of the arrow and remove.



2 Install the cover.



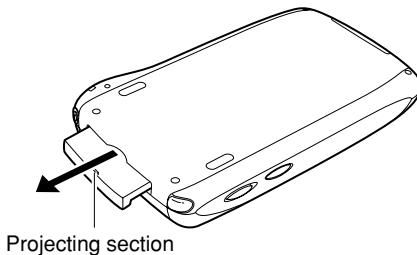
■ Setting CF Cards

The methods for setting/removing CF cards are as follows.

◆ Setting

1 Remove the dummy card.

Hold the dummy card at its projecting section and pull it out.

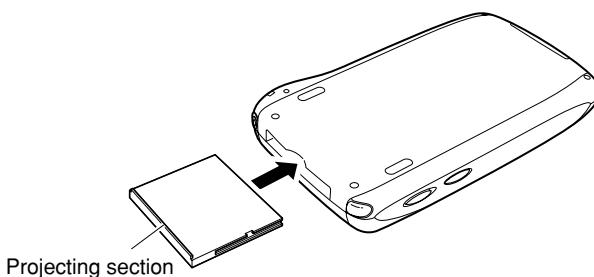


Critical Point

- Store the removed dummy card carefully to avoid losing it.

2 Setting the CF card in place.

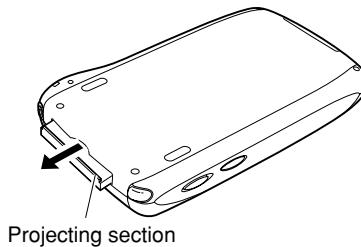
Place the projecting section of the card facing the rear of this device.



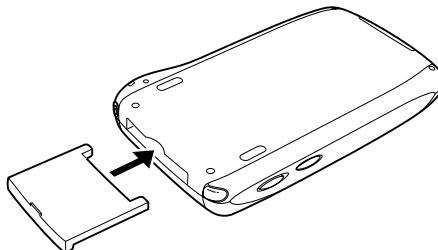
◆ Removal

1 Remove the CF card.

Hold the card at its projecting section and pull it out.



2 Set the dummy card in place.



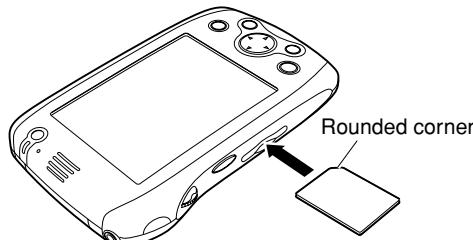
■ Setting SD/MMC cards

The methods for setting/removing SD/MMC cards are as follows.

◆ Setting

1 Set the SD/MMC card in place.

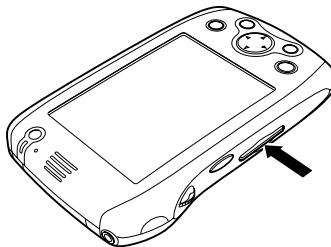
Set the card with the rounded corner facing the bottom of this device and insert all the way until you hear a click.



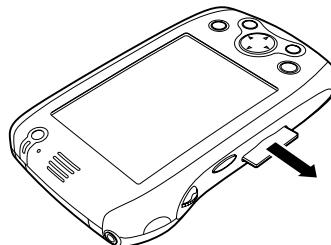
◆ Removal

1 Push the card and let go when you hear a click.

The card jumps out slightly.



2 Remove the SD/MMC card.



Important

- ◆ Be careful. The card eject mechanism contains a spring, so the card may leap out with some force.

SECTION

2

1 Initial Screen and Application Startup

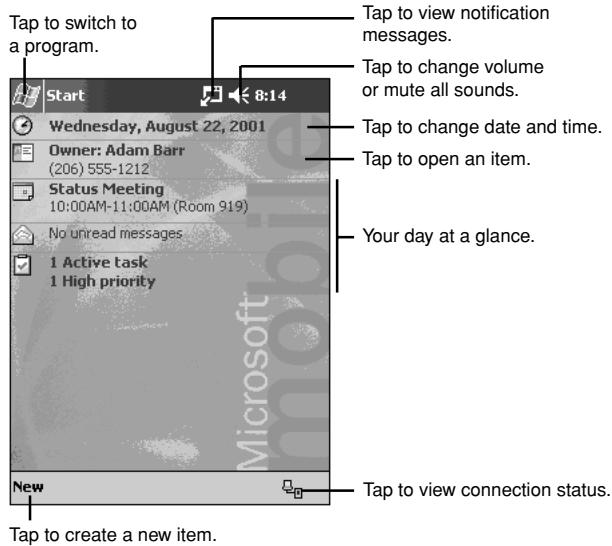
This section explains the initial screen for this device and methods for starting/ending application.

■ Today Screen

The Today screen is the initial screen for this device. This screen shows important information for the day at a glance. The Today screen is displayed in cases such as the following.

- Each day, the first time the power switched on
- When this device has not been used for more than four hours (initial setting)
- When you tap  → "Today" in that order

■ Screen Configuration



Critical Point

● Customizing the Today screen

You can change the Today screen background, items displayed, etc. Tap  → “Settings” → “Personal” tab → “Today” in that order to make the settings. For details, see “Today Screen Settings”.

◆ Status Icons

The status icons are displayed at the bottom right of the Today’s screen. You can check the status of this device with the status icons. The status icons and the meanings are as follows.

Status Icon	Meaning
	All audio is On. To switch Off (🔇) all the audio, tap here and check with the dialog box displayed. You can also use this same dialog box to adjust the volume.
	The battery is charging.
	The battery is fully charged.
	The battery is running low.
	The battery is running extremely low.
	The device is connected to a network.
	The device is connected to a computer.
	Synchronization with a computer has been started.
	You have an instant message.
	You have mail.
MUTE	This is the state in which Application Button 1 is held down for about one second and the internal speaker is muted. Holding down this button again ends the muting.

■ Starting/Switching Applications

You can start or switch an application from the  menu or with an application button. For details on the applications built into this device, see “1 Application List”.

■ Starting/Switching from the Menu

- 1 Tap the  menu.
- 2 From the displayed menu, select the application you want to start or switch to.

The selected application is started. If the application you selected has already been started, this device switches to that application.

To start an application not registered for the  menu, tap  → “Programs” in that order, then tap the application you want from the displayed application list.

Critical Point

- **To change an application displayed on the  menu**

You can change the applications displayed when you tap the  menu. For details, see “Menu Settings”.

■ Starting/Switching Applications from Application Buttons

The applications registered to the application buttons on the front of this device can be started or switched to by pressing the corresponding application buttons. For each button, one application is started by pressing and releasing the button and another application is started by holding down the button for about one second (long press).

To see the application button assignments your device comes with, see “Right/Bottom”.

Critical Point

- **To change an application assigned to an application button**

You can change the applications started by pressing the application buttons. For details, see “Application Buttons Settings”.

■ Differences between Switching Applications and Ending Applications

Even when you switch the application you are using or tap the  at the top right, the application is not ended. (The currently displayed application is closed and this device returns to the previously started application.)

Details on how to completely end an application are given in “Closing Applications”.

■ Ending Applications

- 1 Tap  → “Settings” → “System” tab in that order.
- 2 From the list of setting items, tap “Memory” → “Applications Running” tab in that order.
- 3 Select the application to end.



Critical Point

- **Ending from the LX Launcher**

You can also end from the LX Launcher task. For details, see “LX Launcher”.

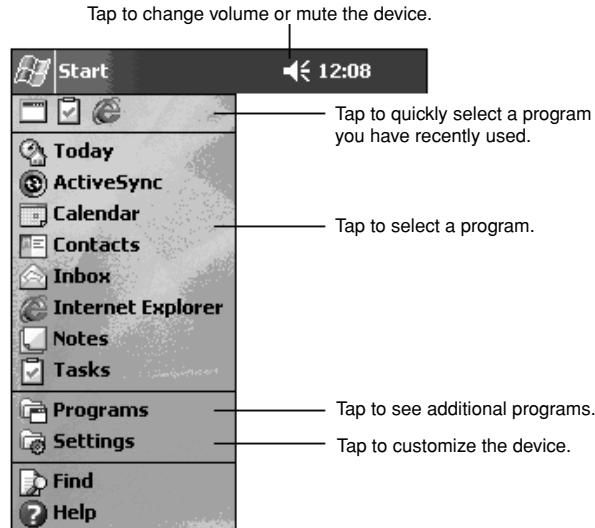
2 Operations Common to All Programs

This section explains the operations common to all programs.

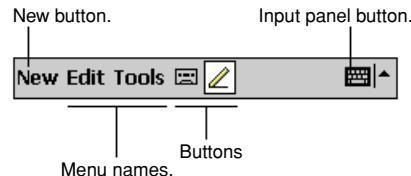
■ Navigation Bar and Command Bar

The blue section that is displayed at the top of the screen is the navigation bar. The current time, the programs running, etc. are displayed.

The gray section always displayed at the bottom of the screen is the command bar. An operation menu, buttons, etc. are displayed.



This is the navigation bar.

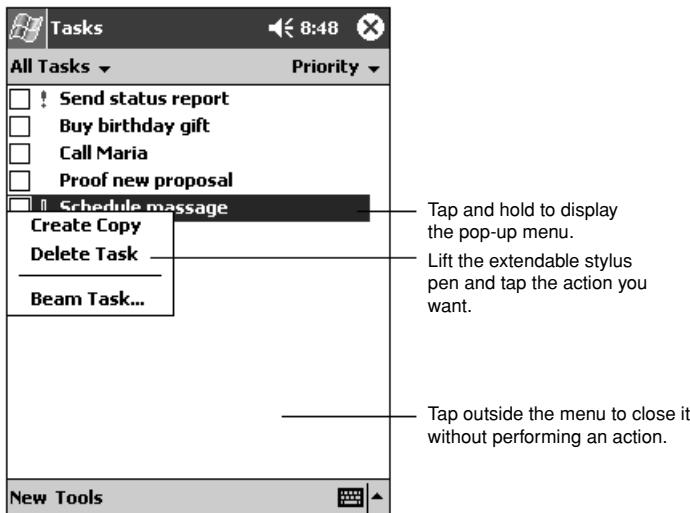


■ Pop-Up Menus

Using pop-up menus makes it possible to execute desired operations quickly and easily.

- 1 **If you tap-and-hold the item for the operation with the extendable stylus pen, a pop-up menu is displayed.**
- 2 **Remove the extendable stylus pen from the screen, then tap the desired operation from the menu.**

The pop-up menu displayed depends on the application.



If you tap anywhere other than the menu, the pop-up menu is closed without any operation being executed.

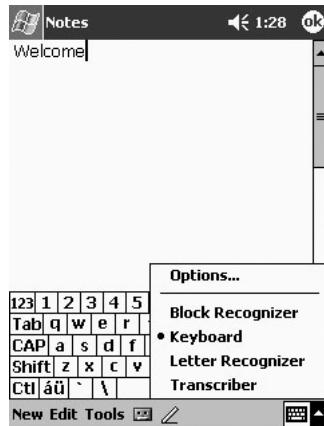
3 Data Input

You have several options for entering new information:

- Use the input panel to enter typed text, either by using the soft keyboard or Character Recognizer.
- Write directly on the screen.
- Draw pictures on the screen.
- Speak into your Pocket PC microphone to record a message.
- Use ActiveSync to synchronise or copy information from your desktop computer to your Pocket PC. For more information on ActiveSync, see the documentation accompanying the "Companion CD" or ActiveSync Help.

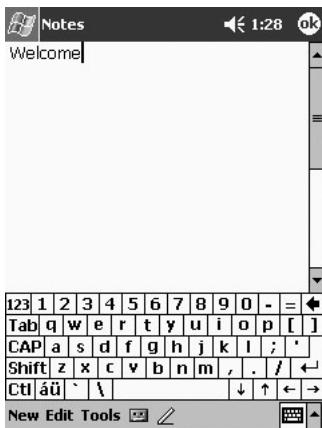
Use the input panel to enter information in any programme on your Pocket PC. You can either type using the soft keyboard or write using Character Recognizer. In either case, the characters appear as typed text on the screen.

To show or hide the input panel, tap the Input Panel button.



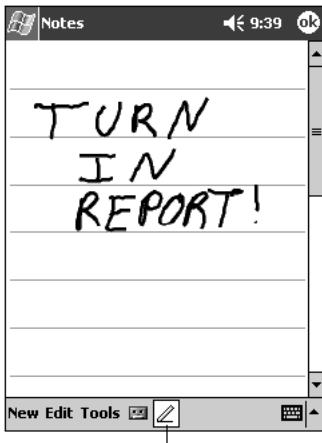
The methods for inputting data to this device are as follows.

◎ **Input using soft keyboard**



Text is input using the input panel displayed on the screen. This method is usually used for inputting text.

◎ **Writing**

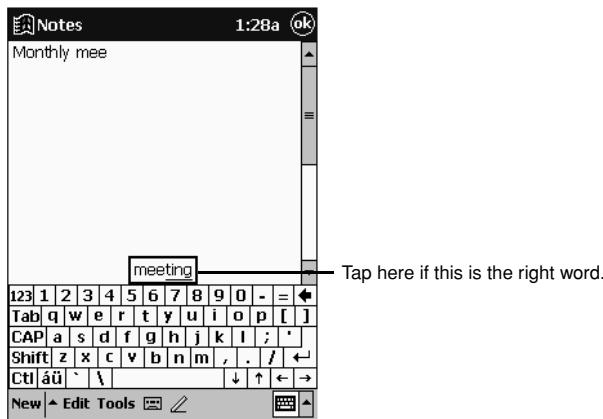


You can write characters directly on the screen with the extendable stylus pen just like writing on paper. The characters you write this way are stored as is.

Tap the Pen button and use your extendable stylus pen like a pen.

■ Soft Keyboard Input

When you use the input panel, your Pocket PC anticipates the word you are typing or writing and displays it above the input panel. When you tap the displayed word, it is inserted into your text at the insertion point. The more you use your Pocket PC, the more words it learns to anticipate.



To change word suggestion options, such as the number of words suggested at one time, tap **Settings**, **Personal tab**, **Input**, and then the **Word Completion** tab.

◆ To type with the soft keyboard

- 1 Tap the arrow next to the **Input Panel** button and then **Keyboard**.
- 2 On the soft keyboard that is displayed, tap the keys with your extendable stylus pen.

◆ To use Character Recognizer

- 1 Tap the arrow next to the **Input Panel** button and then **Character Recognizer**.
- 2 Write a letter in the box.

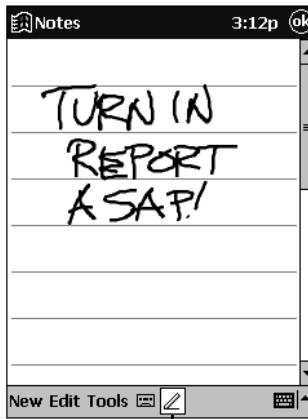
When you write a letter, it is converted to typed text that appears on the screen. For specific instructions on using Character Recognizer, see "Character Recognizer".

You can cut, copy, and paste text by tapping and holding the selected words and then tapping an editing command on the pop-up menu, or by tapping the command on the **Edit** menu.

In any programme that accepts writing, such as the Notes programme and the **Notes** tab in Calendar, Contacts, and Tasks, you can use your extendable stylus pen to write directly on the screen. Write the way you do on paper. You can edit and format what you've written and convert the information to text at a later time.

◆ To write on the screen

Tap the **Pen** button to switch to writing mode. This action displays lines on the screen to help you write.



Tap the Pen button and use your extendable stylus pen like a pen.

Some programs that accept writing may not have the Pen button. See the documentation for that programme to find out how to switch to writing mode.

◆ To select writing

If you want to edit or format writing, you must select it first.

- 1 Tap and hold the extendable stylus pen next to the text you want to select until the insertion point appears.
- 2 Without lifting, drag the extendable stylus pen across the text you want to select.

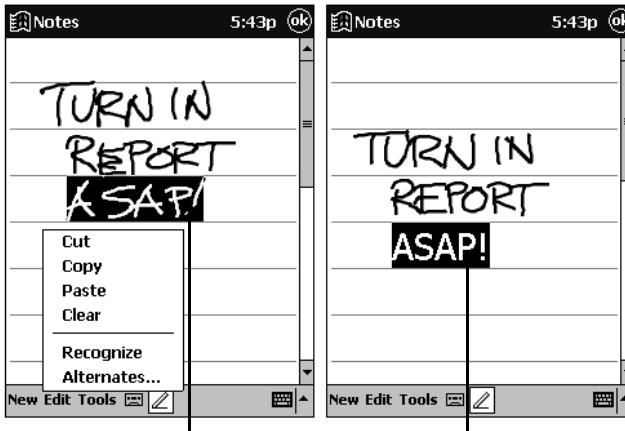
If you accidentally write on the screen, tap **Edit** and then **Undo** and try again. You can also select text by tapping the **Pen** button to deselect it and then dragging the extendable stylus pen across the screen.

You can cut, copy, and paste written text in the same way you work with typed text: tap and hold the selected words and then tap an editing command on the pop-up menu, or tap the command on the **Edit** menu.

◆ To convert writing to text

Tap **Tools** and then **Recognize**.

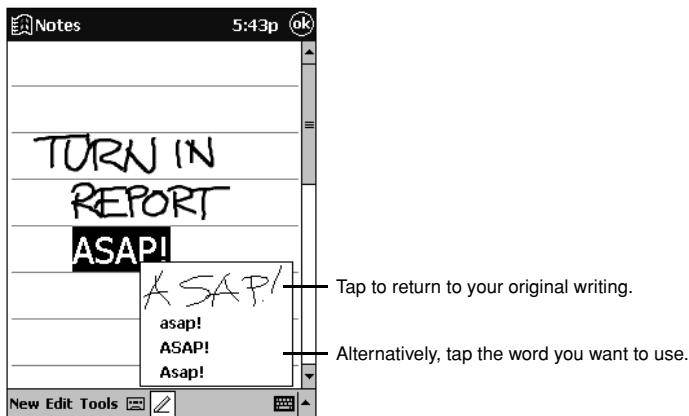
If you want to convert only certain words, select them before tapping **Recognize** on the **Tools** menu (or tap and hold the selected words and then tap **Recognize** on the pop-up menu). If a word is not recognised, it is left as writing.



Select the text you want to convert and tap **Recognize** on the pop-up menu.

The writing is turned into text.

If the conversion is incorrect, you can select different words from a list of alternatives or return to the original writing. To do so, tap and hold the incorrect word (tap one word at a time). On the pop-up menu, tap **Alternates**. A menu with a list of alternate words appears. Tap the word you want to use, or tap the writing at the top of the menu to return to the original writing.



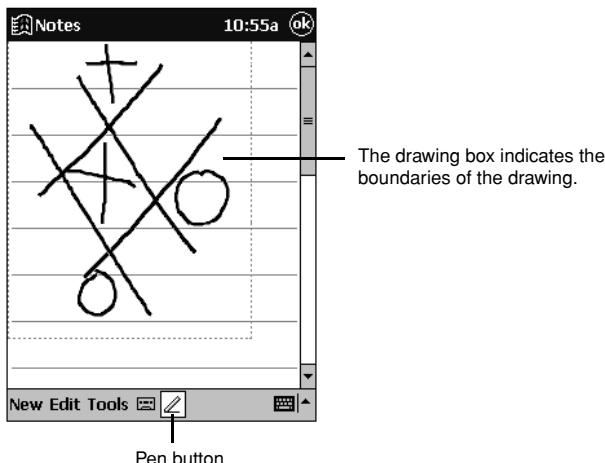
Tips for getting good recognition

- Write neatly.
- Write on the lines and draw descenders below the line. Write the cross of the “t” and apostrophes below the top line so that they are not confused with the word above. Write full stops and commas above the line.
- For better recognition, try increasing the zoom level to 300% using the **Tools** menu.
- Write the letters of a word closely and leave big gaps between words so that the Pocket PC can easily tell where words begin and end.
- Hyphenated words, foreign words that use special characters such as accents, and some punctuation cannot be converted.
- If you add writing to a word to change it (such as changing a “3” to an “8”) after you attempt to recognise the word, the writing you add will not be included if you attempt to recognise the writing again.

You can draw on the screen in the same way that you write on the screen. The difference between writing and drawing on the screen is how you select items and how they can be edited. For example, selected drawings can be resized, while writing cannot.

◆ To create a drawing

Cross three ruled lines on your first stroke. A drawing box appears. Subsequent strokes in or touching the drawing box become part of the drawing. Drawings that do not cross three ruled lines will be treated as writing.



You may want to change the zoom level so that you can more easily work on or view your drawing. Tap **Tools** and then a zoom level.

◆ To select a drawing

If you want to edit or format a drawing, you must select it first.

- Tap and hold the extendable stylus pen on the drawing until the selection handle appears. To select multiple drawings, deselect the **Pen** button and then drag to select the drawings you want.

You can cut, copy, and paste selected drawings by tapping and holding the selected drawing and then tapping an editing command on the pop-up menu, or by tapping the command on the **Edit** menu. To resize a drawing, make sure the **Pen** button is not selected and drag a selection handle.

■ Editing Text

◎ Adding characters

1 Tap the location where you want to add characters.

The cursor is displayed flashing.

2 Input the characters.

The characters are added at the cursor position.

◎ Deleting characters

1 To delete a single character, tap immediately after the character to delete it.

To delete multiple characters, drag the range to be deleted.

When one character is being deleted, the cursor flashes. When multiple characters are being deleted, the character string in the dragged range is inverted.

2 Tap .

When one character is deleted, the character immediately before the cursor is deleted. When multiple characters are deleted, the entire inverted range is deleted.

◎ Changing Text

1 Drag the character string you want to change.

The selected range is inverted.

2 Input the new characters, then .

The text is replaced with the new characters.

◎ Copying Text

1 Drag the character string you want to copy.

The selected range is inverted.

2 Tap the “Edit” menu → “Copy” in that order.

3 Tap the location to which you want to copy.

The cursor flashes.

4 Tap the “Edit” menu → “Paste” in that order.

The copied text is inserted at the position of the cursor.

◎ Moving Text

1 Drag the character string you want to move.

The selected range is inverted.

2 Tap the “Edit” menu → “Cut” in that order.

3 Tap the location to which you want to move the text.

The cursor flashes.

4 Tap the “Edit” menu → “Paste” in that order.

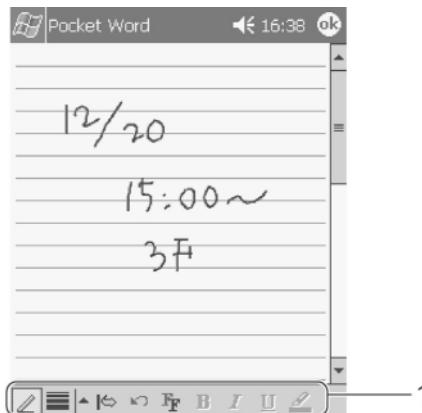
The cut text is inserted at the position of the cursor.

4 Writing

You can write characters directly onto the screen with the extendable stylus pen the same way you write on paper. Characters written by hand are stored as is and can be used with Pocket Word or in email.

◎ Inputting Writing with Pocket Word

When you tap the "View" menu → "Writing" in that order, the ruled line is displayed and you can input by writing.



1 This is the toolbar

Tap "View" → "Toolbar" to switch the operation mode. When writing with the extendable stylus pen, switch to the view with the frame. When you want to execute a format change or other operation on written text, switch to the display without the frame.

Tap here to change the line thickness for characters.

This is used to input a space. Tap, switch to the display with the frame, then drag the section where you want to input the space. While you are dragging, an arrow is displayed on the screen to show you how large the space will be. A space the size of the dragged section is inserted. If you drag in the opposite direction, the space is deleted.

Returns to the previous operation.

Marks with the light pen. Drag the range to be marked, then tap.

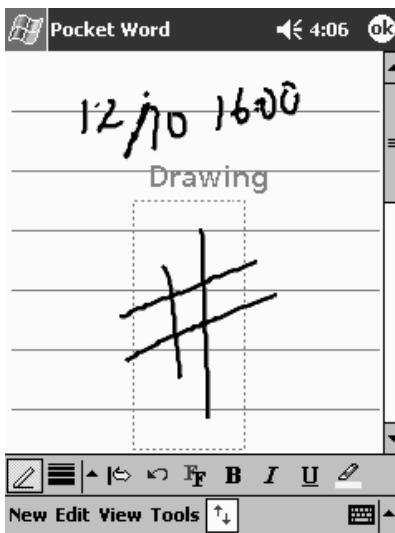
Critical Point

● When writing is handled as drawing

If your writing extends over three or more of the ruled lines, it is handled as drawing. For more details, see "6 Drawing".

◎ Inputting a note by hand

When you tap  and switch to the display with the frame () , you can input a note by hand. When you switch to the display without the frame () , input is made from an input panel.



Written characters can be selected by dragging over them and edited with copy/paste/cut and other operations.

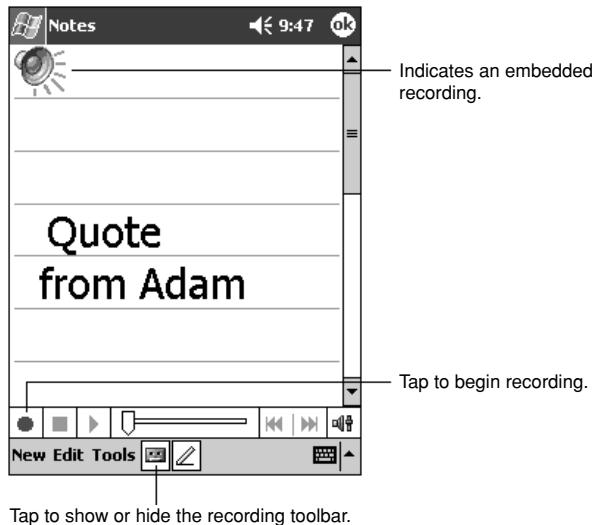
If your writing extends over three or more of the ruled lines, it is handled as drawing.

5 Sound Recording

The recording function enables you to capture thoughts, reminders or voice messages quickly. The recorded messages can be inserted into your document or stored as audio file.

You can record using the recording tool bar.

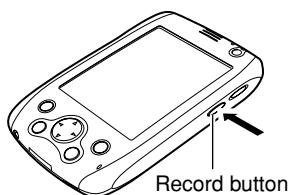
- Pocket Word
Tap the “View” menu → “Recording” in that order to display the recording tool bar.
- Notes
Tapping  displays the recording tool bar.



Critical Point

● Using the Record button

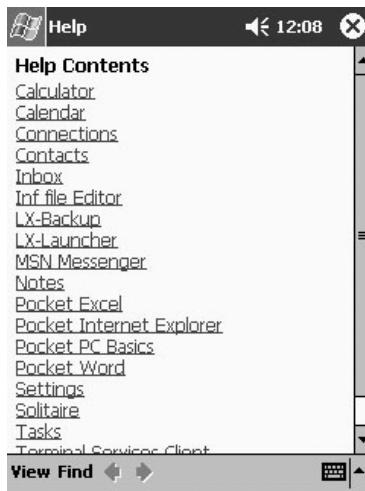
While you hold down the “Record” button on the right side of this device, it records.



6 Help

You can check in the help to see how to operate the applications built into this device and other applications installed on it.

The help function explains how to operate the programs built into this device.

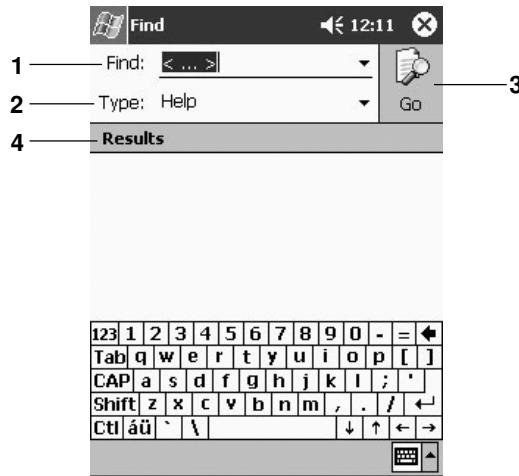


Tapping  → "Help" in that order displays the help screen for the active application.

7 Searches

You can find the information you need quickly, search for file names and for text strings included in files.

Tapping  → “Search” in that order displays the search screen.



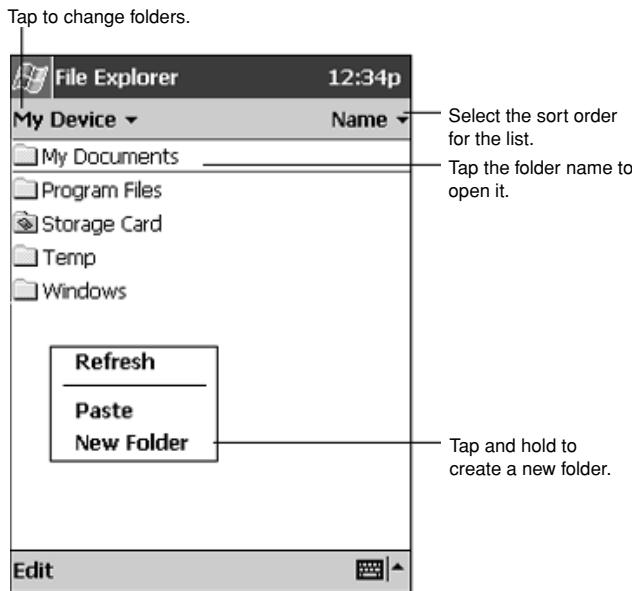
- 1 Input the text string you want to search for. Tapping ▼ displays previously searched for text strings. This is used to search for the same text string again.
- 2 Selects the type of information to search for.
- 3 Tapping here starts the search.
- 4 The results of the search are displayed. Tapping the information for a file displays that file.

You can also use File Explorer to search files. For details, see “10 File Operations Using File Explorer”.

8 File Operations Using File Explorer

You can manage files using File Explorer.

Tap  → “Programs” → “File Explorer” in that order to display the File Explorer screen.



◎ Creating a new folder

- 1 Move to the directory level in which you want to create the new folder.
- 2 Tap the “Edit” menu → “New Folder” in that order.
- 3 Input the folder name, then tap  to finalize it.

◎ **Deleting Folders/Files**

1 **Tap the folder/file you want to delete and hold down on it.**

2 **From the displayed pop-up menu, select “Delete”.**

A dialog box is displayed to confirm that you want to delete the folder or file.

3 **Tap “Yes”.**

◎ **Copying Folders/Files**

1 **Tap the folder/file you want to copy and hold down on it.**

2 **From the displayed pop-up menu, select “Copy”.**

3 **Move to the folder you want to copy to.**

4 **Tap the “Edit” menu → “Paste” in that order.**

◎ **Moving Folders/Files**

1 **Tap the folder/file you want to move and hold down on it.**

2 **From the displayed pop-up menu, select “Cut”.**

3 **Move to the folder you want to move to.**

4 **Tap the “Edit” menu → “Paste” in that order.**

◎ **Changing the Names of Folders/Files**

1 **Tap-and-hold the folder/file you want to change the name of.**

2 **From the displayed pop-up menu, select “Rename”.**

3 **Input the desired new name, then tap  to finalize it.**

Critical Point

● **When sending files with email**

You can specify a file with File Explorer and send it with email. On the pop-up menu for the file you want to send, tap “Send via Email” to display the Inbox. For details on sending from the Inbox, see “Preparing and Sending/Receiving Email”.

● **Using infrared communications**

From File Explorer, you can communicate with other devices via infrared. For details, see “2 Infrared Connections”.

SECTION

3

1 Connection Settings

This sets the parameters necessary for using the Internet.

This section explains connecting using a CF card. For details on connecting in any other way, see help or “Chapter 7 Various Connections”.

■ Preparations

The requirements for connecting to the Internet are as follows.

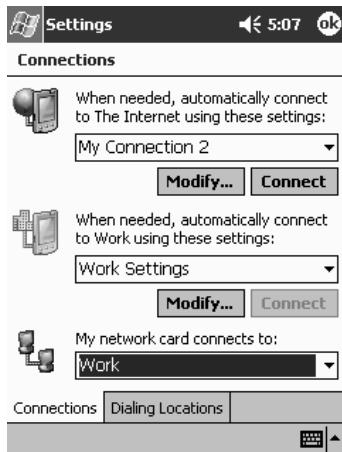
- This device
- CF card

It is also necessary to sign up for service with an Internet service provider (called a “provider” below). Sign up for Internet service before making these settings.

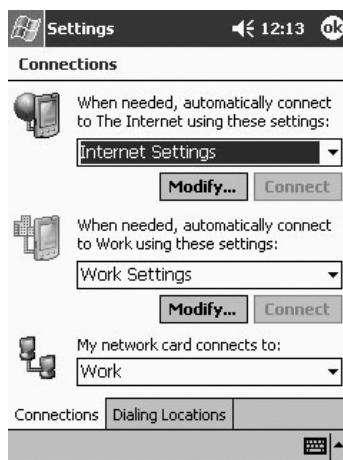
■ Settings for Connecting to the Internet

Set your CF card in the CF card slot of this device, then make the following settings.

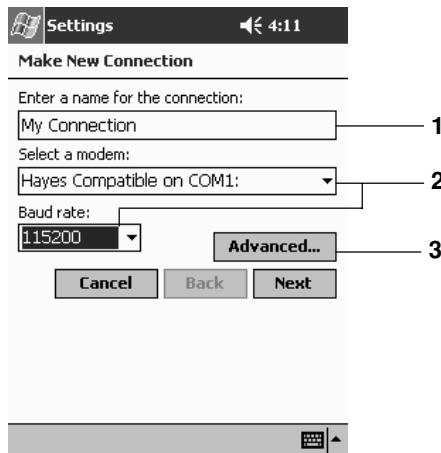
- 1 **Tap  → “Settings” → “Connection” tab → “Connection” in that order.**
The connection screen is displayed.
- 2 **Tap the Internet settings “Modify”.**



3 Tap “Add”.



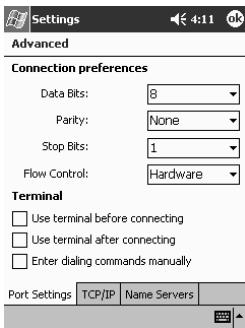
4 Execute the following operation.



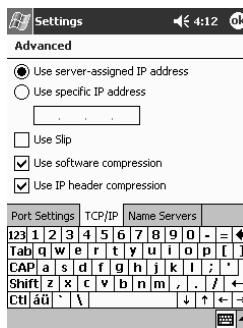
- 1 Input any name that will remind you what the contents of these connection settings are. The name of the service provider is often a good choice.
- 2 Make the correct settings for your CF card.
- 3 Tap “Detailed settings”.

The detailed settings screen is displayed. There is usually no need to change anything on the “Port settings” tab or the “TCP/IP” tab.

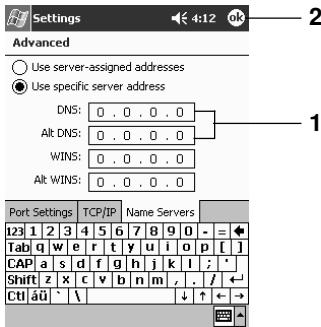
“Port settings” tab



“TCP/IP” tab



- 5 Tap the “Name server” tab and “Use specific server address”.



- 1 Input the numbers specified by your provider. If your provider only gave you one server address, set it as the primary DNS.
- 2 Tap **ok**.

Critical Point

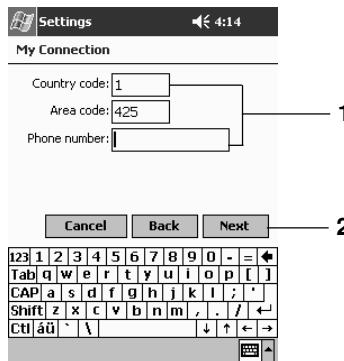
● Primary DNS and secondary DNS

Some providers use different designations. For example, the primary DNS may be called the DNS server, DNS server address, or domain name server. Also, if your provider only gave you one server address, set it as the primary DNS.

The display returns to the new connection screen.

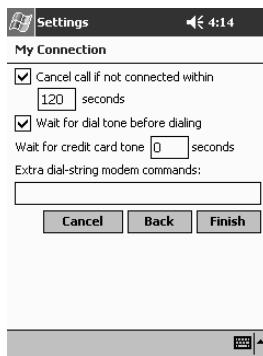
6 On the new connection screen, tap “Next”.

7 (1) Input the telephone number for your provider’s access point.
 (2) Tap “Next”.

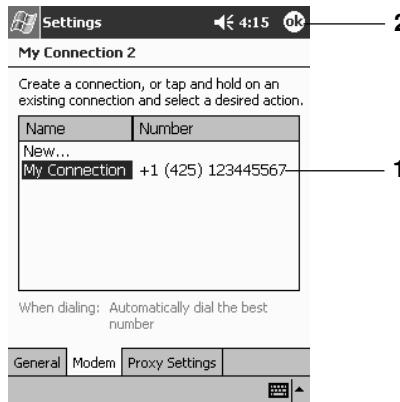


8 Tap “Finish”.

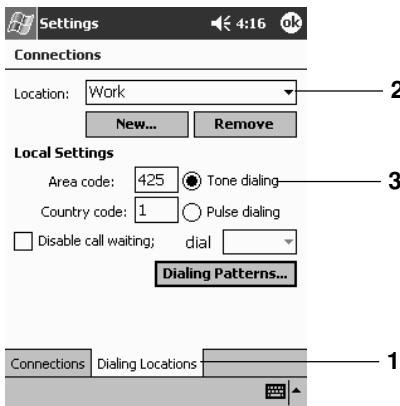
It is usually not necessary to change anything on this screen.



9 (1) Check that the connection name is displayed. (2) Tap .



10 (1) Tap the “Dial properties” tab. (2) Tap ▼, then select “CF”. (3) Tap “Tone” and set to .

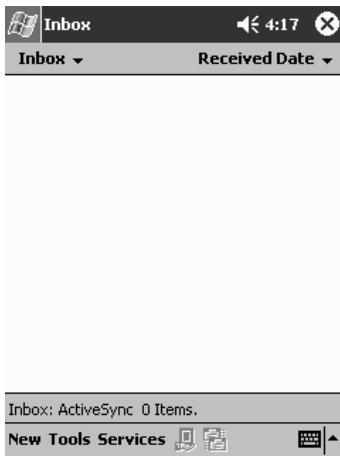


11 Tap  to finish the connection screen.
This completes the Internet connection settings.

■ Settings for Sending/Receiving Email

- 1 Tap  → “Inbox” in that order.

The Inbox screen is displayed.



- 2 Tap the “Service” menu → “New Service” in that order.

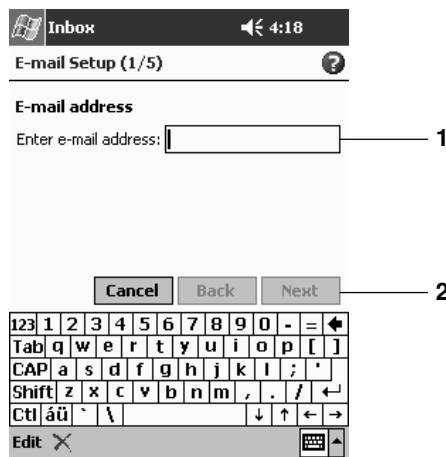
The Email setup screen (1/5) is displayed.

Critical Point

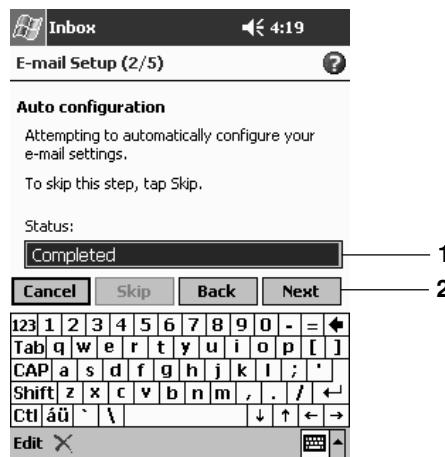
- **What is a service**

The setting information for one email address is considered as one service. If you have multiple email addresses, each one is registered as a separate service. When sending/receiving email you can switch among these services.

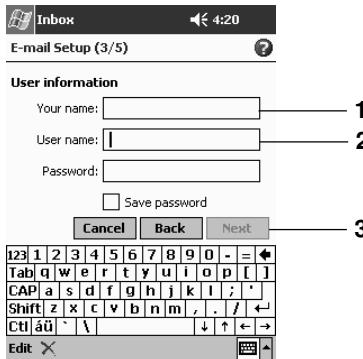
3 (1) Input the email address. (2) Tap “Next”.



4 (1) Check the “Status:” and if it is “Completed”, tap “Next”.



5 Input the user information.



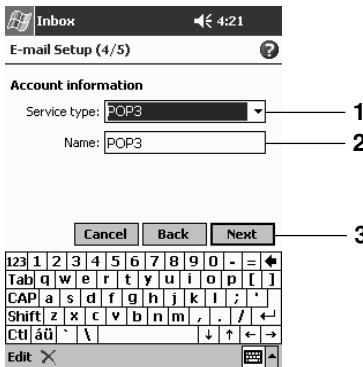
- 1 Input your own name. This is the sender name given to the receiver.
- 2 Input the “User name” and “Password” required for connecting to the email server.
- 3 Tap “Next”.

Critical Point

● User names and passwords

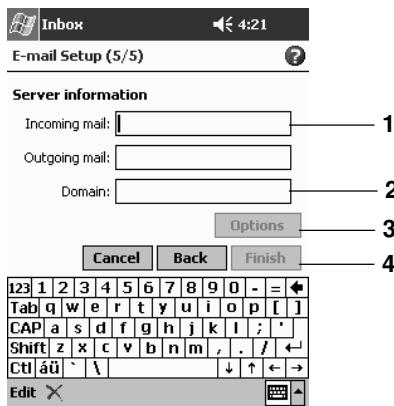
Some providers use different designations. For example, the user name may be called the email account, user ID, or email login name. The password may be called the email password or login password.

6 Execute the following operation.



- 1 Select “POP3” or “IMAP4”. “POP3” is the most widely used.
- 2 Input a service name. The name of the service provider is often a good choice.
- 3 Tap “Next”.

7 Input the server information.



- 1 Input the reception email server and transmission email server names specified by the provider.
- 2 Set this for network connection. This does not need to be specified when connecting with a CF card.
- 3 Set this as necessary. For the options, see help.
- 4 Tap "Finish".

This completes the Inbox settings.

2 Viewing Web Pages

Once you have completed the settings for connecting to the Internet, you can view Web pages using Pocket Internet Explorer.

This section explains how to view Web pages using a CF card. For details on connecting in any other way, see help or “Chapter 7 Various Connections”.

■ Connecting/Disconnecting

◆ Connection Method

- 1 Set the card in this device.
- 2 Tap  → “Internet Explorer” in that order.
- 3 Input the necessary items.
 - Input the user name and password for connecting to the provider.
 - Tap OK.

The connection is started and Pocket Internet Explorer is started up.

◆ Disconnecting

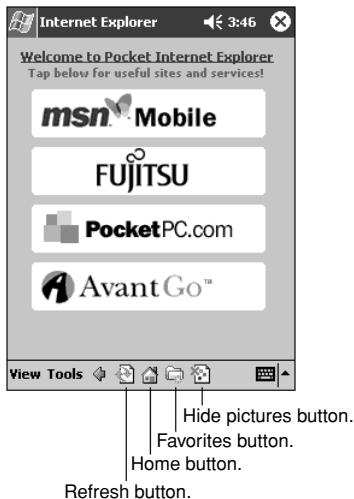
The method for ending the connection is as follows.

- 1 Tap the navigation bar  → “Exit” in that order.

■ Basic Pocket Internet Explorer Operation

◆ Screen Configuration

Tap  → “Internet Explorer” in that order.



The operations of the buttons are as follows.

-  This returns the display to the previous page.
-  During reading-in, this stops the reading-in. At any other time, this updates the page to the latest status.
-  This returns the display to the page set as the homepage. The homepage can be set with the “Tools” menu → “Options” → “Homepage”.
-  This display is a list of your favorites.
-  Tapping here switches the image displayed on the page between displayed and non-displayed.

◆ Specifying and Opening Web Pages

Critical Point

- **When the address bar is not displayed**

Tap the “View” menu → “Address Bar” in that order to display the address bar.

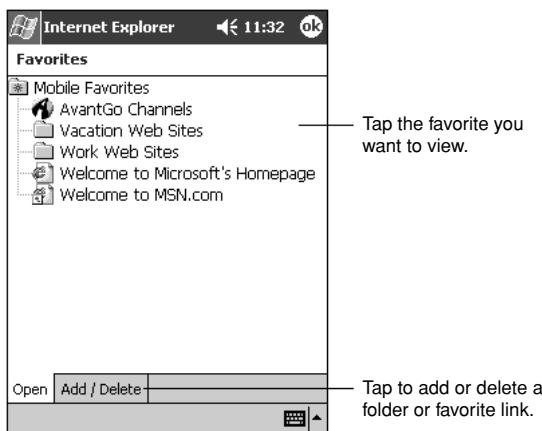
When you start Pocket Internet Explorer, the homepage is displayed first.

- 1 **Input the URL for the Web page you want to display in the address bar.**
- 2 **Tap  at the right of the address bar.**
The specified Web page is displayed.

◆ Using Favorites

Registering pages that you view frequently in “Favorites” makes it easier to view them again.

- 1 **While you are displaying the page you want to register in the favorites, tap  on the command bar.**
The “Favorites” screen is displayed.
- 2 **Tap the “Add/Delete” tab → “Add” in that order.**
- 3 **(1) Change the name to be displayed in the favorites list if necessary, then (2) Tap “Add”.**



The Web page is registered in the favorites list.

Critical Point

● **Deleting a Web page from the favorites**

- 1 Tap  on the command bar → “Add/Delete” in that order.
- 2 Select the page to be deleted from the favorites list, then tap “Delete”.

To display a Web page registered in the favorites, tap  on the command bar, then tap the desired page from the favorites.

■ **Viewable Web Pages**

Pocket Internet Explorer supports the following standards.

- HTML 3.2
- WAP (WML/WBXML/WBMP/WSP/WMLSCRIPT)
- CHTML (Compact HTML)
- DHTML (InnerHTML/InnerText only)
- Windows CE Jscript 3.0 (ECMA-262 compliant)
- SSL2/SSL3/PCT 1.0/SGC

When viewing Web pages with Pocket Internet Explorer, be aware of the following points.

- Pocket Internet Explorer has limited functions compared to a computer Web browser. Some pages that have been produced on the assumption that they will be viewed with a computer Web browser cannot be displayed.
- Some pages that require plug-ins cannot be viewed properly.

The version of Pocket Internet Explorer on this device has a JavaVM (Java Virtual Machine) installed, so it can execute Java applets.

This plug-in can execute applets that conform to the PJAE (Personal Java Application Environment).

3 Sending/Receiving Email

You can use send/receive email through the Internet. Email sending and receiving use the Pocket Outlook Inbox.

This section explains sending/receiving email using a CF card. For details on connecting in any other way, see help or “Chapter 7 Various Connections”.

■ Email Writing and Sending/Receiving

In order to send and receive email, it is necessary that the settings for connecting to the email server already be complete. For details, see “1 Connection Settings”.

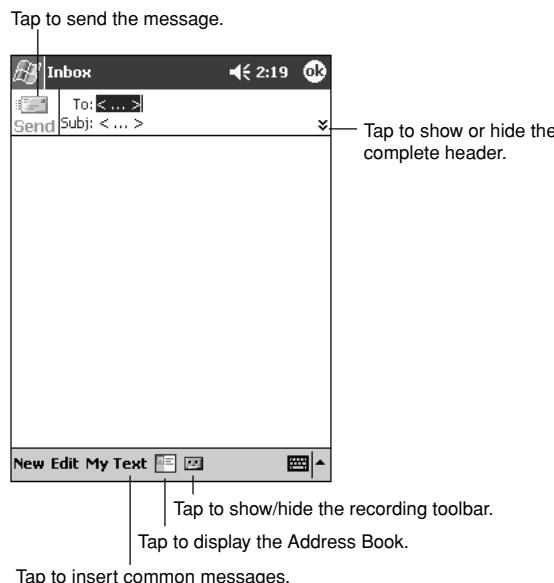
◆ Writing Email

This section explains how to write the new piece of email.

- 1 Tap  → “Inbox” in that order.

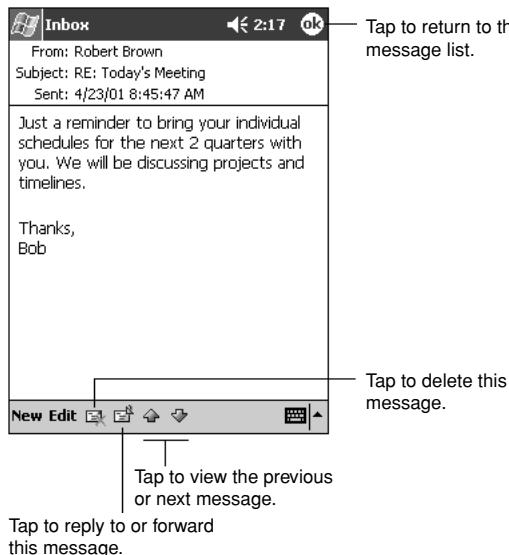
The Inbox list is displayed.

- 2 Tap “Inbox” and select the service to be used for connection. This operation is not necessary if only one service is registered.



- 3 Tap the “New” menu item.

- 4 Input the “To” and “Subj.”, then input the text.



- 1 Input the email address for the contact at “To” and the subject of the email at “Subj.”
- 2 Tap here to specify a “CC” or “BCC”.
- 3 Tap here to input the main text.
- 4 The operations of the buttons are as follows.



Tap here when inputting the “To” and “CC” and “BCC” in order to display the list of email addresses registered for contacts. You can select contacts by tapping on them in this list.



Tapping this button displays the recording toolbar and allows you to attach a voice message to your email.

Critical Point

● Attaching files to email

On the email writing screen, tap the “Edit” menu → “Attach File” in that order. A list of files is displayed, so tap the one you want to send.

● Using My Text

On the new email writing screen, you can write email easily by selecting frequently used text from My Text. Tap “My Text”, then select the text to input into your email from the list of texts registered in My Text.

● Editing texts registered in My Text

On the Inbox screen, tap the “Tools” menu → “Edit My Text messages” in that order. The My Text message screen is displayed, so tap the desired message and edit it.

5 When input is complete, tap to the left of “To” and “Subj.”

The email you have written is stored and placed in the “Outbox”. If you are connected to the email server, your email is sent immediately.

For details on the method for sending email in the “Outbox”, see “Connecting to the Email Server and Sending/Receiving”.

Critical Point

● When not temporarily storing email you have written

For email that is still being edited and that you do not want to put in the “Outbox” yet, tap  to end. The email you have written is put in “Pending”.

After you edit email in “Pending” again, tap (ok) to move it to the “Outbox”.

■ Connecting to the Email Server and Sending/Receiving

When you connect the email server, your email is automatically sent/received.

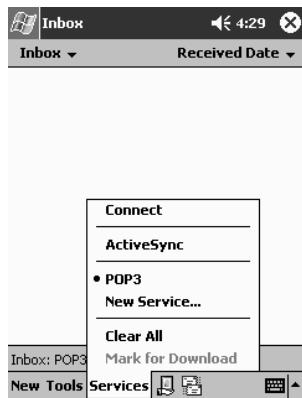
- Any email in the “Outbox” is sent.
- Any unread mail on the email server is received. Received email is put in the “Inbox”.

The following operations are carried out with the Inbox. For details, see help.

1 Set the card in this device.

2 Tap the “Service” menu → “Connect”.

The services registered with “Settings for Sending/Receiving Email” are displayed in the menu.



3 Tap .

The connection screen for the service you are connecting to is displayed.

4 Input the password etc., then tap “Start Connection”.

The connection is started. Any email in the “Outbox” is sent and any unread mail on the email server is placed in the “Inbox”.

5 When email sending/reception is complete, tap the “Service” menu → “Disconnect” in that order.

The connection with the email server is ended.

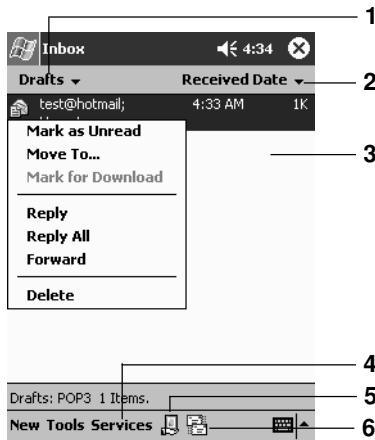
Critical Point

- If the connection is not disconnected
Tap  → “today” in that order, then tap  “Disconnect”.

■ Basic Inbox Operations

◆ Screen configuration

Tap  → “Inbox” in that order.

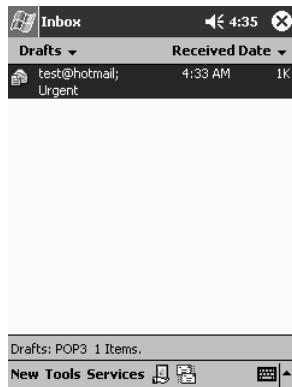


- 1 Select the folder and service displayed.
- 2 Select the order for email list display.
- 3 The sender addresses and subjects of the emails are displayed. If you tap-and-hold, a pop-up menu is displayed and you can carry out such operations as deleting or forwarding the email or replying to it.
- 4 At “Tools”, you can set options; at “Service”, you can select the service.
- 5 Tapping here connects you to the selected service.
- 6 Tapping here connects you to the selected service and sends and receives email.

◆ Viewing Received Email

1 Tap → “Inbox” in that order.

A list of the email is displayed. If you want to look at email from other services, tap “Inbox”, then select the other service.



2 In the email list, tap the email you want to view.

The operations of the buttons are as follows.



Deletes the displayed email.



Tap here to forward the displayed email or prepare a reply to it.



Tap here to display the previous or next email in the email list directly without going back through the email list.

3 Tapping here returns the display to the Inbox screen.

◆ Replying to/Forwarding Email

◎ Replying

- 1 Display the received email according to Steps 1 and 2 of the procedure in “Viewing Received Email”.
- 2 Tap  on the command bar → “Reply”.

For “Reply”, the email you write is sent only to the sender of the original email. To reply to all the addresses on the original email, including the cc’s, tap “Reply to all”.

3 Write your email reply.

4 Tap to the left of “To”, “Subj.”

The email you have written is put in the “Outbox”. If you are connected to the email server, your email is sent immediately.

For details on the method for sending email in the “Outbox”, see “Connecting to the Email Server and Sending/Receiving”.

◎ Forwarding

- 1 Display the received email according to Steps 1 and 2 of the procedure in “Viewing Received Email”.

2 Tap on the command bar → “Forward”.

- 3 Specify the email address to forward to as the “To”. When forwarding to an email address registered in your Contacts, you can tap , then select the contact.

4 Prepare your forward email, then tap to the left of “To”, “Subj.”

The email you have written is put in the “Outbox”. If you are connected to the email server, your email is sent immediately.

For details on the method for sending email in the “Outbox”, see “Connecting to the Email Server and Sending/Receiving”.

◆ Deleting Email

- 1 From the list of the email in the Inbox, tap-and-hold the email you want to delete.
- 2 Tap “Delete” from the displayed pop-up menu.

The deleted email is moved to “Recycled items (local)”.

Critical Point

- **To completely delete email in “Recycled items (local)”**
Tap the “Tools” menu → “Empty Recycle Bin” in that order.

◆ Managing Email

Important

◆ Operating on folders with this device

When executing the following operations on folders on this device, then connecting to your email server, the operations depend on the service used (ActiveSync, SMS/POP3/IMAP4). For details, see the Inbox help.

- Moving or deleting email
- Creating or editing folders

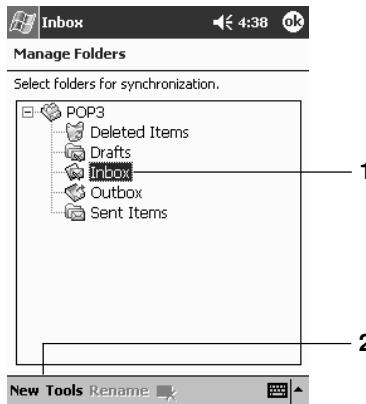
Email is managed with preset folders prepared by each service. The basic programs of these preset folders are as follows.

- Drafts
Contains email being edited
- Recycled items
Contains deleted email
- Inbox
Contains received email.
- Outbox
Contains email to be sent in the next connection.
- Sent box
Contains email that has been sent.

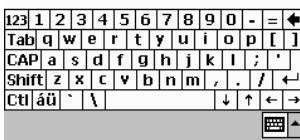
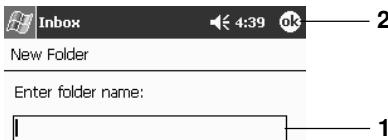
◎ Creating New Folders

New folders can be created for such tasks as managing email.

- 1 **Tap the “Tools” menu → “Manage Folders” in that order.**
The folder management screen is displayed.
- 2 (1) **Select the folder to create the new folder under (normally, the Inbox).**
(2) **Tap the “New” menu.**



3 (1) Input the folder name. (2) Tap **ok** .



◎ Moving Email

- 1 From the email list, tap-and-hold the email you want to move.
- 2 From the displayed pop-up menu, tap “Move to folder”.

The screen for specifying the folder to move to is displayed. Email can not be moved to a service folder.

- 3 Tap the folder to move the email to, then tap **ok** .

The email is moved to the destination folder.

◎ Changing Folder Names

It is not possible to change the name of an existing folder. Only the names of folders that have just been created can be changed.

1 Tap the “Tools” menu → “Manage folders” in that order.

The folder management screen is displayed.

2 Tap the folder whose name you want to change, then tap “Change name”.

The folder name change screen is displayed.

3 (1) Input the folder name. (2) Tap .

◎ Deleting Folders

It is not possible to change the name of an existing folder. Only the names of folders that have just been created can be changed.

1 Tap the “Tools” menu → “Manage folders” in that order.

The folder management screen is displayed.

2 Tap the folder you want to delete, then tap .

The “Delete?” is displayed.

3 Tap “Yes”.

The selected folder is deleted.

4 Tap to complete the operation.

4 Exchanging Instant Messages

You can use the Pocket PC edition of MSN Messenger to exchange instant messages and hold conversations (called chats) with multiple people.

This section explains simple MSN Messenger usage methods. For further details, see the help for this device or the MSN Messenger help.

■ Preparations

◆ Obtaining Accounts

Using MSN Messenger requires either of the following accounts.

- Passport account
- Microsoft Exchange email account

Critical Point

● Obtaining a Passport Account

A Passport account is a Microsoft or Hotmail account. A Passport account can be obtained from the following Web pages.

- Microsoft Passport account (<http://www.passport.com>)
- Hotmail Passport account (<http://www.hotmail.com>)

◆ Settings

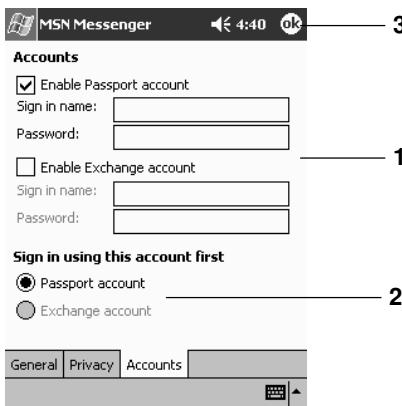
After obtaining a Passport account or Microsoft Exchange email account, make the settings for MSN Messenger.

1 Tap  → Program → “MSN Messenger” in that order.

The MSN Messenger screen is displayed.

2 Tap the “Tools” menu → “Options” → “Account” tab.

3 Input the items required on the account setting screen.



- 1 Select a Passport or Exchange account, then input the sign-in name and password.
- 2 Select the account to sign in first.
- 3 Tap **ok**.

■ Sign-in and Sign-out

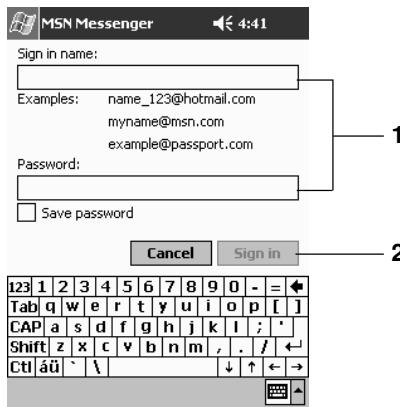
You must sign in to use MSN Messenger and you sign out when you exit MSN Messenger.

◆ Sign-in

- 1 Set the CF card in place.
- 2 Tap  → “Programs” → “MSN Messenger” in that order.
- 3 Tap the screen and sign in.



4 (1) Input your sign-in name and password. (2) Tap “Sign-in”.



5 When connecting to the Internet for the first time, input the required items.
(This is not necessary from the second time on.)

- 1 Input the user name and password for connecting to your provider.
- 2 Normally, this does not need to be input.
- 3 To store the password, tap the checkbox to select it .
- 4 Tap “OK”.

The MSN Messenger screen is displayed.

◆ **Sign-out**

- 1 Tap the “Tools” menu → “Sign-out” in that order.

■ **Basic MSN Messenger Operations**

◆ **Screen Configuration**

When you sign in, the following screen is displayed.



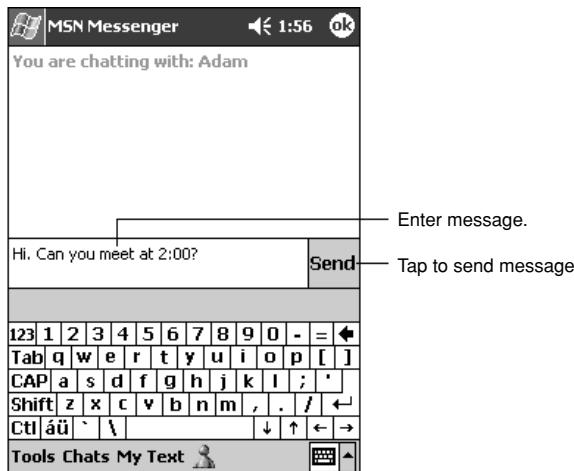
- 1 **Displays your own status, online, offline, temporarily away from your seat, busy with a call, etc.**
- 2 **Displays the status of other participants. You can chat with those who are online.**
- 3 **You can set-up the additional participants, your own status and options.**

◆ Adding/Deleting Contacts

You register chat contacts beforehand.

- 1 Tap the “Tools” menu → “Add Contact” in that order.
- 2 (1) Input the sign-in name for the contact to be added. (2) Tap “Next”.

The completion screen is displayed and the new chat contact is added.



When adding a chat contact, tap the “Tools” menu → “Add Contact” in that order, then add the contact according to the instructions on the screen.

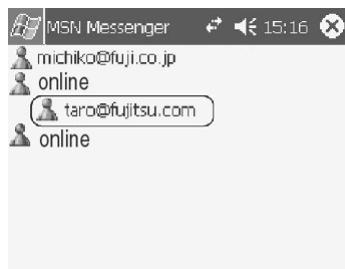
To delete a chat contact, tap-and-hold the name of the contact to be deleted, then tap “Delete Contact”.

◆ Chatting

You can exchange instant messages and chat with other participants.

- 1 Tap those you want to chat with from among those chat contacts who are online.

2 (1) Use the input panel to input your message into the text box displayed in the center of the screen. (2) Tap “Send”.



The message you sent is delivered to the other party and your messages back and forth are displayed as a dialog on the screen.

When an instant message arrives for you from a chat contact, you are notified with a pop-up.

Critical Point

● Using My Text

You can write messages simply by selecting frequently used phrases registered in My Text. For details on My Text, see “Writing Email”.

If you tap “Chat”, you can switch to a separate chat with the contact who sent the new message. If you tap “Ignore”, the chat with the current contacts is continued.

SECTION

4

1 Summary

As functions for using this device as a notebook, you can use the Pocket PC edition of Microsoft Outlook (Pocket Outlook). This chapter is a simple explanation of Pocket Outlook information, see the help.

■ Pocket Outlook Functions

The functions you can use with Pocket Outlook are as follows. This section explains how to use “Calendar”, “Contacts”, “Tasks”, and “Notes”. For details on the Inbox, see “3 Sending/Receiving Email”.

Function	Summary
Calendar	This program can be used as a schedule pad. You can write appointments on the calendar and set alarms for appointments.
Contacts	This program can be used as a contact list. You can record addresses, telephone numbers, email addresses, etc.
Tasks	You can manage a list of tasks to do. You can also set alarms for tasks.
Notes	You can use this device as a notebook. You can write characters and figures and also record sound.
Inbox	This sends and receives email and manages email.

Critical Point

- When using Microsoft Outlook on a computer, you can synchronize this device and the computer. For details, see “Chapter 6 Linking with a Computer”.

■ Reminder Settings

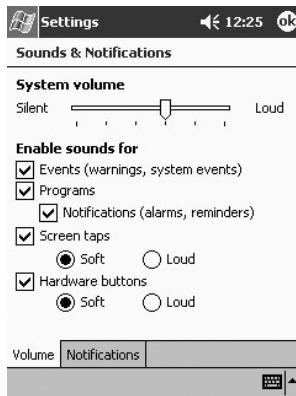
When there is something that must be done, such as a task or appointment, an alarm, message, or other notice can be given when the scheduled time arrives.

The reminder methods are as follows. You can also specify multiple forms of reminder for the same event.

- A message box is displayed on the screen.
- An alarm is sounded. You can specify the type of sound.
- The indicator flashes.

The setting messages as follows.

- 1 Tap  → “Settings” → “Personal” tab → “Sounds and Notifications” in that order.
- 2 (1) Tap the “Volume” tab. (2) Select the “Programs” → “Reminder (alarm, appointments, etc.)” checkbox .



3 Tap the “Reminder” tab and specify the reminder method.



- If you want an audible reminder, select the checkbox and specify the type of sound from the list box on the right.
- If you want a screen reminder, select the checkbox and specify the flashing time from the list box on the right.

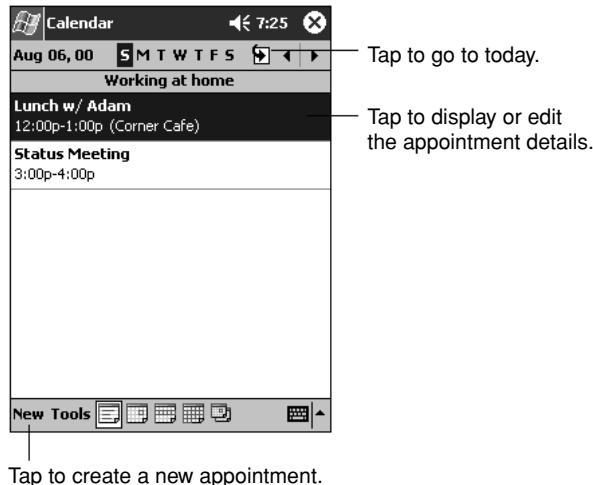
4 Tap **ok**.

2 Calendar

This program can be used as a schedule pad. This application can be used as a schedule pad. Appointments can be checked on calendars of various formats. You can also set reminder by alarm or message for the calendar date and time. For details on alarm and message settings, see “Reminder Settings”.

■ Screen Configuration

Tap  → “Calendar” in that order. The Calendar is displayed in the selected format.



- 1 Displays today's appointments. For a monthly or annual calendar, the calendar for today's month or year is displayed.
- 2 Each time you tap here, the display proceeds to the next appointments in the units of the displayed calendar: day, week, month, or year. Each time you tap , the display moves back to the previous appointments.
- 3 This displays the calendar. If you tap-and-hold here, a pop-up menu is displayed showing operations you can carry out on the appointment list.
- 4 You can write a new appointment.
- 5 You can set calendar options, such as the font size and time interval.
- 6 You can switch the display format for the calendar. For details, see “Switching the Display”.

◆ Switching the Display

You can switch the display by tapping the icon on the command bar. The screens displayed for each icon are as follows.

Icon	Screen Name	Summary
	Plan display	Lists the appointments for one day.
	Day display	Displays the appointments for one day in a timetable.
	Week display	Displays the appointments for one week. Tapping on a date switches to the daily display for that day.
	Month display	Displays the appointments for one month. Tapping on a date switches to the daily display for that day.
	Year display	Displays the calendar for the year. Tapping the date switches to the day-by-day display screens.

■ Creating New Appointments

1 Select the date and time for the new appointment.

- “Day Display” screen or “Week Display” screen

Tap the time or date into which you wish to enter the appointment.

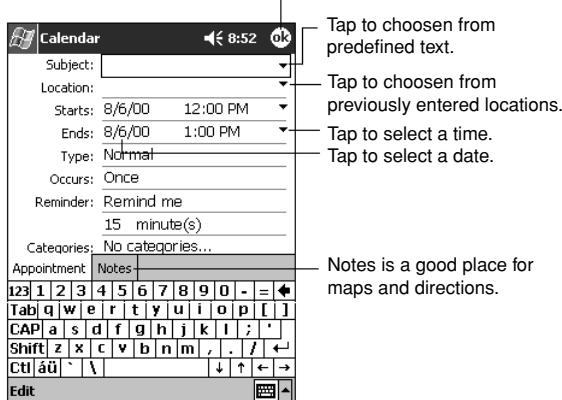
- “Month Display” screen or “Year Display” screen

Tap the date into which you wish to enter the appointment, then tap the time on the “Day display” screen.

2 Tap the “New” menu item.

3 Tap the item you want to input, then input the necessary items.

Tap to return to the calendar
(the appointment is save automatically).

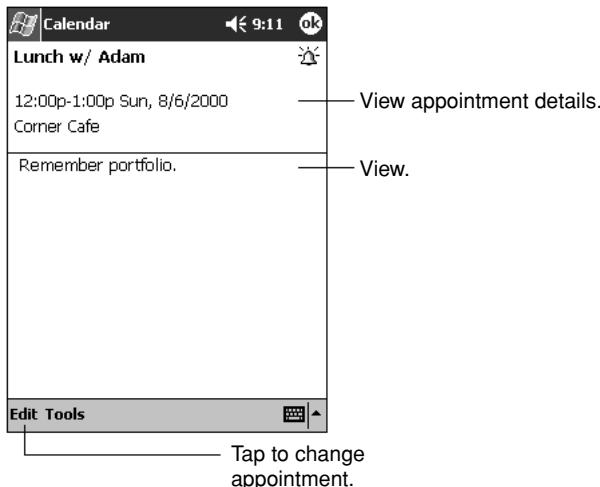


4 When the input is complete, tap **ok**.

The appointment is saved and the display returns to the Calendar screen.

■ Using the Summary Screen

The “Summary” screen is displayed when you tap an appointment on the “Plan display” screen or the “Day display” screen.



■ Revising/Deleting an Appointment

◆ Revising an Appointment

- 1 The summary screen for the appointment to be revised is displayed.
- 2 Tap the “Edit” menu.
- 3 Input the revised items in the same manner as when creating a new appointment.
- 4 When the revision is complete, tap **ok**.

The display returns to the appointment list.

◆ Deleting an Appointment

- 1 In Calendar, tap-and-hold the appointment to be deleted.
- 2 On the “Pop-up” menu → tap “Delete Appointment”.
The selected appointment is deleted.
- 3 Tap “Yes”.

■ Automatic Creation of a Meeting Reminder

The Calendar can be used to send a meeting notice email to an Outlook or Pocket Outlook user.

Critical Point

- **Before writing a meeting notice**

- The email addresses for the meeting attendees must be input in Contacts beforehand.
- The settings for the Inbox handling email sending/reception must be complete.

- 1 **Input the appointment.**
- 2 **Tap the command bar input panel button (or the like) on the appointment input screen, to switch off the input panel display.**
- 3 **Tap the attendees.**
A list of the email addresses already input to the Contacts are displayed.
- 4 **From the email address list, select the contacts to send the meeting notice introduction to by tapping them to select them.**
- 5 **Tap .**

The meeting notice is created automatically and placed in the Outbox.

The next time you synchronize with the computer or connect to the network, the meeting notice is sent to the attendees.

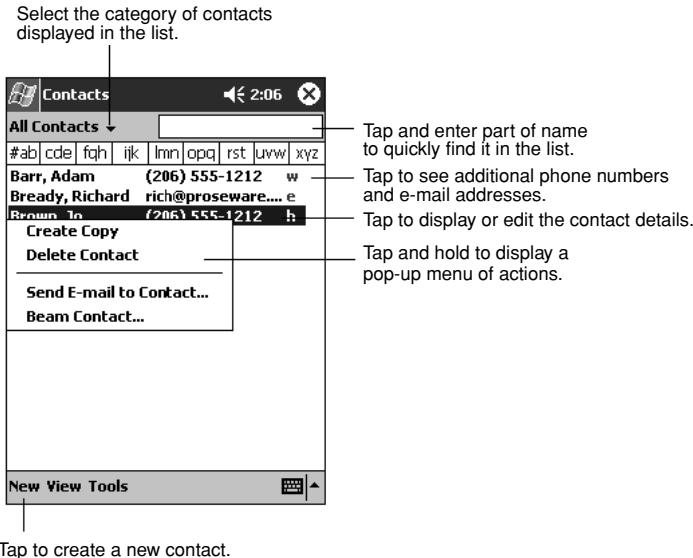
The sending method can be specified by tapping the “Tools” menu, “Option” → “Meeting Attendance Request Reply Method”.

3 Contacts

In Contacts, addresses, telephone numbers, email addresses, etc. can be registered. Also, the registered data can be shared quickly between this device and another Pocket PC using “2 Infrared Connections”.

■ Screen Configuration

Tap  → “Contacts” in that order.



Critical Point

- **Changing the Contacts display method**

Tap the “Tools” menu → “Option” in that order to change the display method.

■ Creating a New Contact

- 1 Tap the “New” menu.
- 2 Tap the item to be input, then input the required item.



- 3 When the input is complete, tap **ok**.

The information is stored and the display returns to the Contacts list screen.

■ Searching the Contacts

You can search using the input box under the navigation bar.

- 1 Input the character string you want to search for.
- 2 The search results are displayed.

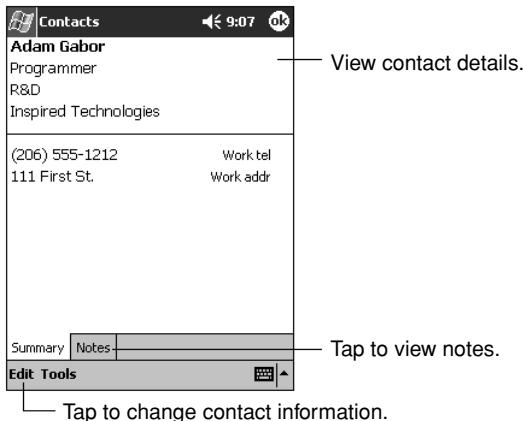
To display the contact list again after the search, either clear the character string from the input box or tap  to the right of the input box.

◆ Using the Pocket PC search functions

See “9 Searches”.

■ Using the Summary Screen

To display the “Summary” screen, tap a contact on the Contacts list.



■ Revising/Deleting Contacts

◆ Revising Contacts

1 In the Contacts list, tap the contact to be revised.

The summary screen is displayed.

2 Tap the “Edit” menu.

The contact list editing screen is displayed.

3 Input the revised items in the same manner as when creating a new contact.

4 When the revision is complete, tap **ok**.

The display returns to the Calendar list.

◆ Deleting a Contact

1 In the Calendar, tap-and-hold the contact to be deleted.

To select multiple contacts, drag and specify the range. Next, tap-and-hold the selected range.

2 From the displayed pop-up menu, tap “Delete Contact”.

“Continue?” is displayed.

3 Tap “Yes”.

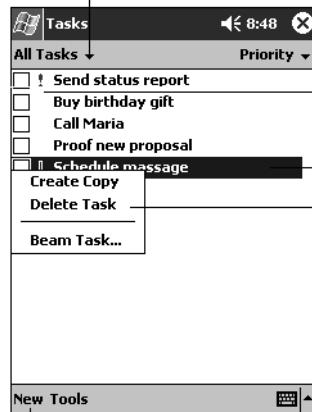
4 Tasks

Tasks that need to be executed can be managed in Tasks. You can also set alarms for registered tasks. For details on alarm settings, see “Reminder Settings”.

■ Screen Configuration

Tap  → “Tasks” in that order.

Select the category of tasks you want displayed in the list.



Select the short order of the list.

Indicates high priority.

Tap to display or edit the task details.

Tap and hold to display a pop-up menu of actions.

Tap to create a new task.

Critical Point

● Changing the Tasks display method

Tap the “Tools” menu → “Options” in that order to change the display method.

■ Creating a New Task

- 1 Tap the “New” menu item.
- 2 Tap the item to be input, then input the required item.



- 3 When the input is complete, tap **ok**.

The information is stored and the display returns to the Tasks screen.

Critical Point

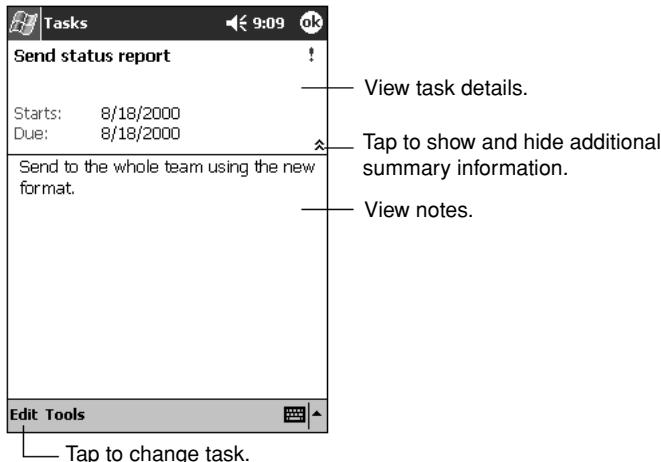
● Creating a Task list simply

Tap the “Tools” menu → select “Input Bar” to display the “Input” bar.

To set high priority, tap to set low priority, tap .

■ Using the Summary Screen

To display the “Summary” screen, tap a task on the Task list.



■ Revising/Deleting Tasks

◆ Revising a Task

- 1 **From the Task list, tap the task to be revised.**
The summary screen is displayed.
- 2 **Tap the “Edit” menu.**
- 3 **Input the revised items in the same manner as when creating a new task.**
- 4 **When the revision is complete, tap **ok**.**
The display returns to the Task list.

◆ Deleting a Task

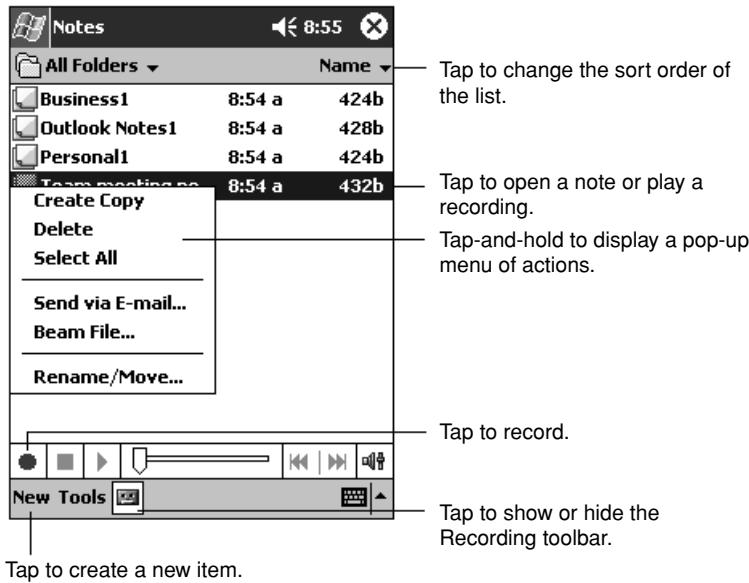
- 1 **From the Task list, tap-and-hold the task to be deleted.**
To select multiple contacts, drag and specify the range. Next, tap-and-hold the selected range.
- 2 **From the displayed pop-up menu, tap “Delete task”.**
The selected task or tasks are displayed.
“Continue?” is displayed.
- 3 **Tap “Yes”.**

5 Notes

This device can be used as a notepad when you want to write something down quickly. In addition to text and figures, you can also record sound.

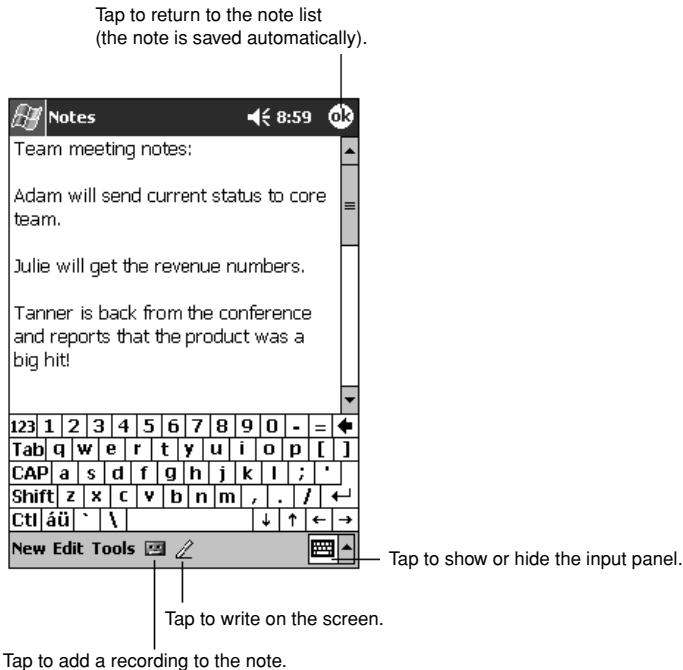
■ Screen Configuration

Tap  → Notes in that order.



■ Creating a New Note

- 1 Tap the “New” menu item.
- 2 Input the contents of the note.



- 3 When the input is complete, tap **ok**.

The information is saved and the display returns to the note list screen.

SECTION

5

1 Program List

This displays a list of the applications built into this device and accessory applications. For details, read the references given in this list.

■ Built-In Programs

Icon	Program Name	Function Summary	Reference
	ActiveSync	You can connect this device and computer and synchronize the data on this device and on the computer.	1 "ActiveSync Summary"
	Pocket Internet Explorer	Views Web pages over the Internet.	"2 Viewing Web Pages"
	Windows Media Player for Pocket PC	Plays back MP3 and Windows Media audio and video.	Windows Media Player for Pocket PC
	Notes	You can use this device as a note pad. In addition to text and figures, you can also record sound.	"5 Notes"
	Task [“]	Manages tasks. Can also set alarms for registered tasks.	"4 Tasks"
	Inbox	You can send and receive email and manage received email.	"3 Sending/Receiving Email"
	Calendar	You can use this device as a Calendar pad. You can write appointments into the calendar and set alarms for appointments.	"2 Calendar"
	Contacts	You can use this device as an address book. You can record addresses, telephone numbers, email addresses, etc.	"3 Contacts"
	Search	You can search for character strings included in file names and data in files.	"7 Searches"
	Help	Displays help. You can check the basic operations of this device using this help file.	"8 Help"
	MSN Messenger	Exchanges instant messages.	"4 Exchanging Instant Messages"
	Pocket Excel	This is the Pocket PC edition of Microsoft Excel, which is used on computers.	"Pocket Excel"
	Pocket Word	This is the Pocket PC edition of the Microsoft Word used on computers.	"Pocket Word"

Icon	Program Name	Function Summary	Reference
	File Explorer	Manages files and folders.	“File Explorer”
	Infrared reception	You can use the infrared communications port to exchange data with other Pocket PCs and other devices with infrared communications ports.	“Infrared reception”
	Calculator	You can calculate using the calculator.	“Calculator”
	Game	You can play solitaire (card game).	“Game”
	LX Launcher	Displays a list of application icons so you can start applications easily. This is the Pocket PC edition of Microsoft Excel, which is used on computers.	“LX Launcher”
	Automatic storage device startup/Inf File Editor	You can set so that when a CF card/SD/MMC card is set in this device, the application on it is started automatically.	“Automatic storage device startup”
	LX Backup	Backs up the data on this device's RAM to a CF card or SD/MMC card.	“LX Backup”
	Pocket Plugfree	Connects through Bluetooth™.	“Pocket Plugfree”

■ Bundled Applications

© Additional applications are stored on the “Applications CD”. These applications must be installed on Pocket LOOX in order to be used. Please refer to your CD to setup the applications.

2 Standard Pocket PC 2002 Built-In Programs

This section explains the programs that come built-in with Pocket PC.

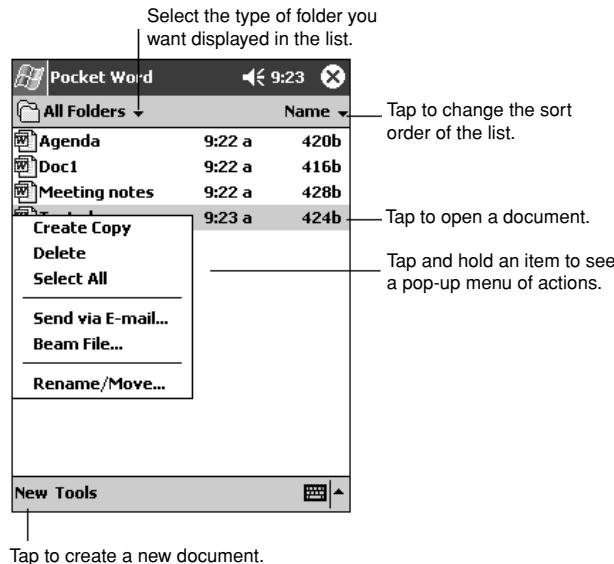
■ Pocket Word

With Pocket Word, you can create documents in the same way as when creating Word documents on a computer. In addition to text, drawings and sound may also be stored in these documents. You can create new documents on this device, transfer documents created on a computer to this device and edit them on this device, and transfer documents created on this device to a computer and edit them there. You can also synchronize files on this device and on the computer, so you can keep the most up-to-date data on both units. Note however that there are points to watch out for concerning data compatibility. For these points, see "Linking with Word". For details, see "Linking with Word".

Documents created can be managed in separate folders. This section provides a simple explanation of Pocket Word operation. For more details, see help.

◆ Screen Configuration

Tap  → "Programs" → "Pocket Word" in that order.



Critical Point

● **If no file list is displayed when you start Pocket Word**

The first time you start Pocket Word or if you start Pocket Word with no Pocket Word documents stored, the screen for editing a new file is displayed.

◆ File Operations

To copy/delete a file or move a file to another folder, operate as follows.

Copying/deleting files

1 In the file list, tap-and-hold the file you want to copy/delete.

2 From the pop-up menu displayed, tap “Copy” or “Delete”.

If you tap “Copy”, a copy is made with the name “Copy Source File Name (1)”.

(The number in the parentheses is the number of files copied.)

If you tap “Delete”, “Completely delete selected item?” is displayed, so tap “Yes”.

Moving files

1 In the file list, tap-and-hold the file you want to move.

2 From the pop-up menu displayed, tap “Change Name/Move”.

3 At “Folder” on the “Change Name/Move” screen, specify the folder to move the file to, then tap **ok**.

The file is moved.

Critical Point

● **Pocket Word save formats**

Pocket Word has a variety of save formats, including Pocket Word (.psw), rich text format (.rtf), and text (.txt). The format the file is saved in can be specified by tapping the “Tools” menu → “Save As” → “Save As Type” in that order when the file is displayed.

To check the type of a file in the Pocket Word file list, from the pop-up menu for the file, tap “Change Name/Move”.

◆ Input Modes

The input modes you can use with Pocket Word are as follows.

Typing

You can input using the software input panel. The input text is displayed as typed characters on the screen. See “4 Software Input Panel”.

Handwriting

You can handwrite characters directly on the screen. Handwritten characters are displayed as is on the screen. See "5 Writing Characters".

Drawing

You can use the extendable stylus pen to draw freely on the screen. Such drawing is displayed as is on the screen. See "6 Drawing".

Recording

You can insert sound into documents. See "7 Recording".

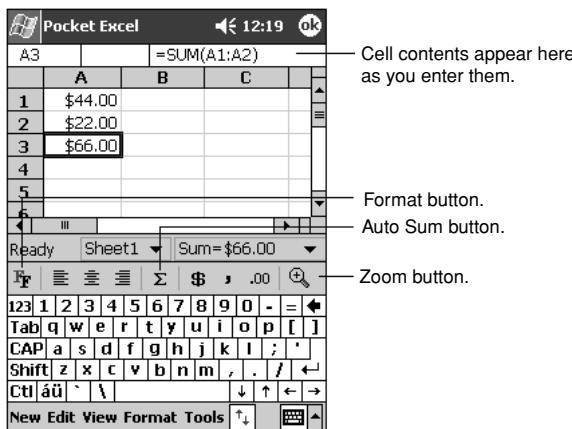
■ Pocket Excel

The same as when using Microsoft Excel on a computer, you can edit workbooks (files created with Excel) with Pocket Excel. You can create new workbooks on this device, transfer workbooks created on a computer to this device and edit them on this device, and transfer documents created on this device to a computer and edit them there. You can also synchronize files on this device and on the computer, so you can keep the most up-to-date data on both units. Note however that there are points to watch out for concerning data compatibility. For these points, see "Linking with Excel". For details, see "Linking with Excel". Documents created can be managed in separate folders. This section provides a simple explanation of Pocket Excel operation. For more details, see help.

◆ Screen Configuration

Tap  → "Programs" → "Pocket Excel" in that order.

The configuration of the file list screen is basically the same as for Pocket Word. See "Screen Configuration".



◆ File Operations

The operations for copying/deleting a file or moving a file to another folder are basically the same as for Pocket Word. See “File Operations”.

Critical Point

● Pocket Excel save formats

Pocket Excel has a variety of save formats, including Pocket Excel (.pxl) and Excel (.xsl). The format the file is saved in can be specified by tapping the “Tools” menu → “Save As” → “Save As Type” in that order when the file is displayed.

To check the type of a file in the Pocket Excel file list, from the pop-up menu for the file, tap “Change name/Move”.

◆ Usage Hints

◎ Widening the Screen

In order to display the worksheet as wide as possible on the screen, switch to full-screen display. Tap “View” → “Full Screen”. When you switch to full screen display, the tool bar, row and column numbers, and other window elements are no longer displayed. The worksheet can be displayed over the entire screen. To return to the original display, tap “Close Full Screen” displayed at the top right of the screen.

Critical Point

● To switch display of individual window elements on/off

You can switch display of the tool bar, row and column numbers, and other window elements on/off. Tap “View” and select only those elements that you want to display.

◎ To Fix a Cell Frame

If there are any cells that you want displayed even when the screen is scrolled, you can fix the window frame in units of rows and columns.

- 1 **Select the range of cells for which the frame is to be fixed.**
- 2 **Tap the “View” menu → “Freeze Panes” in that order.**

The column to the left side of the selected cell and the row above the cell are fixed. To end this setting, tap the “View” menu → “Unfreeze Panes” in that order.

◎ Splitting the Screen and Displaying Different Areas

Since you can scroll through each part of the split screen, you can display different regions on the same worksheet at the same time. This is useful for viewing and editing different areas on large worksheets.

1 Select the cell to split at.

2 Tap the “View” menu → “Split” in that order.

A double line is displayed splitting the screen above or to the left of the selected cell.

To end the split display, tap the “View” menu → “Remove Split” in that order.

◎ Switching off the display for specified rows/columns

You can switch off the display in units of rows or columns.

1 Select the row(s) or column(s) you do not want to display.

2 Tap “Format” → “Row” or “Column” → “Hide” in that order.

To end this setting and display the row/column again, tap the “Format” menu → “Row”/“Column”, “Unhide” in that order.

◎ Setting Passwords for Files

You can protect the file by setting a password for it. While editing the file you want to protect, select the “Edit” menu → “Password” in that order, then set the password. From the next time, the password must be input in order to open that file.

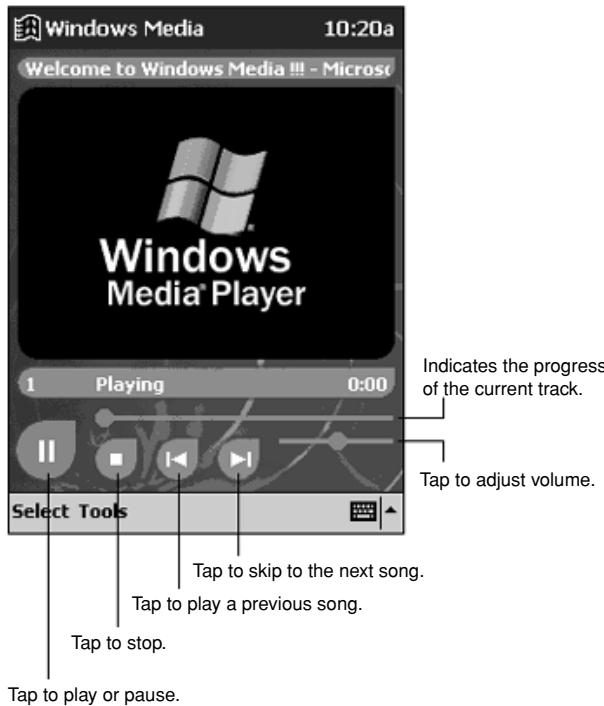
■ Windows Media Player for Pocket PC

You can use Windows Media Player for Pocket PC to play back audio and video in the following formats.

- MP3
- Windows Media Audio (wma)
- Windows Media Video (wmv)

◆ Screen Configuration

Tap  → “Windows Media Player”.



■ Pocket Internet Explorer

For details on Pocket Internet Explorer, see “Chapter 3 Connecting to the Internet” or help.

■ Pocket Outlook

For details on Pocket outlook, see “Chapter 4 Using As a Notebook”, (3 Sending/Receiving Email” or help.

■ MSN Messenger

For details on MSN Messenger, see “4 Exchanging Instant Messages” or help.

3 Other Built-in Application

This section introduces built-in programs that are in addition to the standard Pocket PC 2002 programs.

Critical Point

- For details on each application, see help.

■ LX Launcher

LX Launcher makes it easier to launch pre-registered applications. You can register applications that you use frequently with classifications that are easy for you to use. This application can also set a picture you like to be displayed as the screen background.

◆ Startup

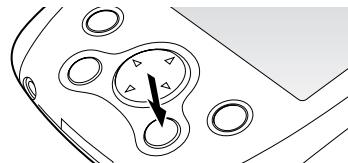
There are two ways to start the LX Launcher, from the  menu or from the Applications button.

◎ Starting from the Menu

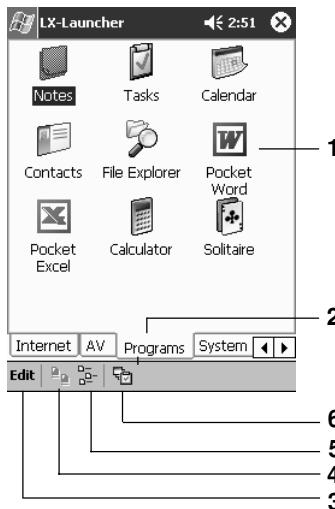
Tap  → “Programs” → “LX Launcher” in that order.

◎ Starting from the Applications button.

Press the Applications button at the bottom right of the Navigation button.



◆ Screen Configuration



1 Application icon

This is a registered program. Tapping one of these icons starts the application. Tapping-and-holding an icon displays a pop-up menu that allows you to register/delete/edit the application.

2 Tab

Switches the program type.

3 Edit

Adds and deletes tabs, changes the wallpaper, etc.

4 Switching to large icon display

Switches to large program icons.

5 Switching to small icon display

Switches to small program icons

6 Task

Displays a screen for closing other applications currently running.

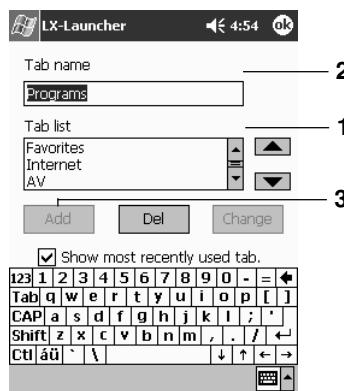
Tap the application to close among the running tasks, then tap "Stop". The selected application is closed. If you tap "Stop all", all the displayed applications are closed.



◆ Registering/Deleting

◎ Registering Programs

- 1 Tap the “Edit” menu → “Adding/deleting items”.
- 2 Operate as follows.



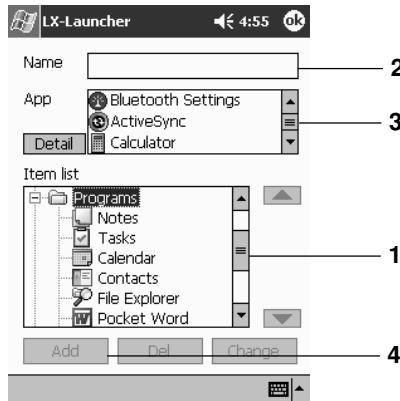
- 1 Specify the position for the tab to add.
- 2 Input the tab name.
- 3 Tap “Add”.

3 Tap **ok**.

The new tab is added behind the selected tab.

◎ Registering Applications

- 1 Tap the “Edit” menu → “Add/delete tab” in that order.
- 2 Operate as follows.



- 1 From the “Item List”, select the tab to register the application to.
- 2 Input the application name to be displayed.
- 3 Select the application to register. When directly opening a file related to the application and when referencing an Internet page using Pocket Internet Explorer, tap the “Details” tab and make the settings.

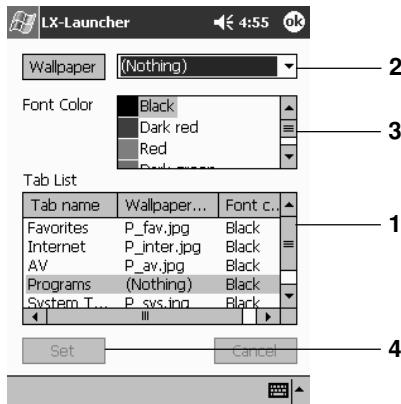
3 Tap **ok**.

◎ Deleting a registered Application

- 1 Tap the “Edit” menu → “Add/delete tab” in that order.
- 2 From the item list, tap the icon for the application to be deleted, then Tab “Delete”.
All the starting application information registered to the tab will be lost. “OK to delete item?” is displayed.
- 3 Tap “Yes”.
- 4 Tap **ok**.

◎ Setting the Wallpaper

- 1 Tap the “Edit” menu → “Tab Wallpaper Setting” in that order.
- 2 Operate as follows.



- 1 Select the tab whose wallpaper you want to set.
- 2 When you tap “Wallpaper”, a file list is displayed, so select the desired image file.
- 3 Select the font color.
- 4 Tap “Set”.

Critical Point

● Returning to the original wallpaper settings

Tap “Return”. “Return to original wallpaper settings?” is displayed, so tap “Yes”.

- 3 Tap **ok**.

■ Automatic Storage Device Startup/Inf File Editor

Automatic storage device startup refers to the following three applications for automatically starting up the application in a CF card or SD/MMC card when it is set in this device.

- **Automatic startup editing tool:** Creates the automatic startup file (autorun.inf).
- **Automatic startup setting tool:** Sets whether or not to start up programs from cards automatically.
- **Automatic startup tool:** Reads in the automatic startup file from the card and runs the application on the card or in the main memory.

Critical Point

- The only applications that can be started automatically are executable files. If you set a card containing only data files, the application related to the files is not started.

◆ Creating the Automatic Startup File

Automatically starting up a CF/SD/MMC card application requires the automatic startup file (autorun.inf). The automatic startup editing tool is used to set the automatic startup file.

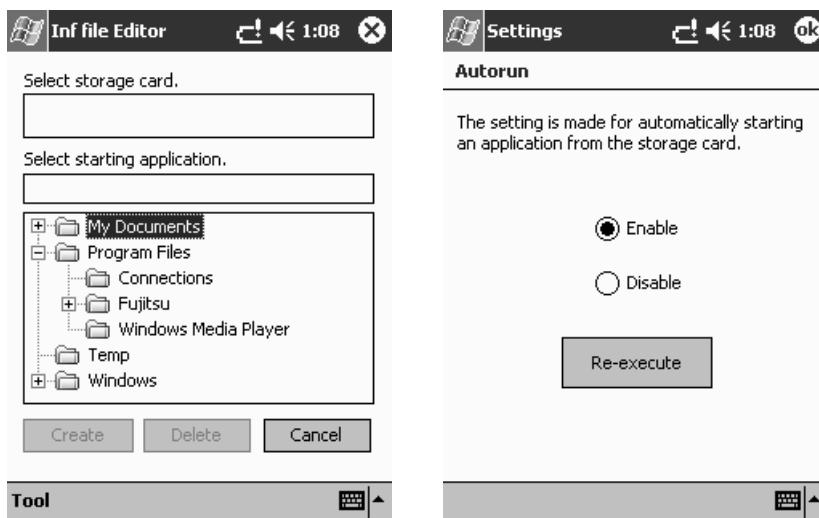
1 Load the CF card/SD/MMC card containing the application.

Write enable the card before setting it.

2 Tap → “Applications” → “Inf File Editor” in that order.

3 Operate as follows.

- 1 Tap the card in which the automatic startup file was created.
- 2 Tap the executable file on the card or in the main memory.
- 3 Tap "Create".
The automatic startup file is created and written onto the card.
- 4 Tap **ok**.



◆ Startup Settings

This sets whether or not to start the application automatically when the card is set in place.

- 1 Load the CF card/SD/MMC card containing the program and the automatic startup file.
- 2 Tap **■** → "Settings" → "System" tab in that order.
- 3 Select whether automatic startup will be enabled or disabled. (2) Tap **ok**.

When "Enable" is selected , the applications called in automatic startup files are started up automatically.

When "Disable" is selected , the applications called in automatic startup files are not started up automatically.

◆ Starting Manually

- 1 Tap  → “Settings” → “System” tab → “Autorun” in that order.
- 2 Tap “Re-execute”.
The “Application Selection” screen is displayed.
- 3 (1) Tap the automatic startup file for the program to start. (2) Tap “Execute”.
The application called in the automatic startup file is started.

■ LX-Backup

LX-Backup is an application that backs up the data on this device's RAM to a CF card or SD/MMC card. If the memory in this device is ever cleared, for example by a full reset, you can restore your data from this backup data.

Important

◆ Contents set for “Inbox” “Service”

Some of the contents set for “Inbox” “Service” can not be backed up to a memory card. Therefore, the contents of “Service” can not be fully recovered even by restoring the data. Write down the contents of “Service” on a piece of paper ahead of time. After a restoration, create a new service with the contents you wrote down, then use that new service from then on.

◆ Backing up

1 If possible, connect the AC adaptor.

For details on connecting the AC adaptor, see “Charging”.

If the AC adaptor can not be used, check that the remaining battery capacity is adequate.

2 Close any programs that are running.

For details on how to close applications that are running, see “Closing Applications”.

3 Set the CF card/SD/MMC card in place.

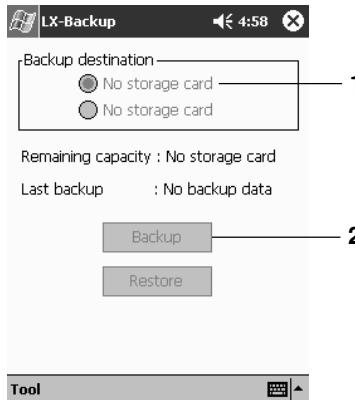
For details on how to set the CF card/SD/MMC card in place, see “7 Installing Expansion Units”.

Critical Point

● Checking the contents of a card

Use File Explorer to check the contents of the CF card, SD/MMC card and check that it is OK to store backup data on the card. The contents of the backup card can not be checked from the LX-Backup Tool screen.

- 4 Tap  → “Programs” → “LX-Backup” in that order.
- 5 (1) Tap either of the memory cards as the backup destination. (They are displayed as “Memory Card” and “Memory Card 2”, depending on the order in which they were set in place.) (2) Tap “Backup”.



The backup starts.

◆ Restoring

- 1 Follow Steps 1-4 of the procedure in “Backing up”.
- 2 (1) Tap either of the memory cards to select it  as the backup destination. (They are displayed as “Memory Card” and “Memory Card 2”, depending on the order in which they were set in place.) (2) Tap “Restore”.

The restore starts.

SECTION

6

1 ActiveSync Summary

This section explains what you can do with ActiveSync.

■ ActiveSync

ActiveSync is an application for exchanging data between this device and a computer. It can do the following.

- **Synchronize**

To synchronize means to compare the data on this device and on the computer and where they are different, to make them the same. For example, the following can be done.

- ActiveSync compares the Pocket Outlook data on this device and the Outlook data on the computer and when one of them has older appointment and contact information, ActiveSync updates that information to the new information.
- ActiveSync automatically converts back and forth between Pocket Word/Pocket Excel data on this device and Word/Excel data on the computer. This makes it possible to always have the latest information.

Critical Point

- When computer Word/Excel data is converted to Pocket Word/Pocket Excel data, formats and functions not contained in Pocket Word/Pocket Excel are dropped out.

You can set the details for synchronization, when to synchronize and which files to synchronize. For details on how to make these settings, see “Detailed Synchronization Settings”.

- **Data backup**

ActiveSync can back up the data from this device onto the computer. That way, in the unlikely event of the data in this device being lost, you can restore it by writing the data stored on the computer back into this device. For details on backup methods, see “5 Backing Up and Restoring”.

- **File and folder copying**

You can copy files and folders between this device and the computer. For details on copying files and folders, see “Copying Files”.

- **Application installation**

You can install programs using the computer’s CD-ROM drive or that were downloaded from the Internet to the computer.

- **Viewing Web pages**

You can view Web pages on this device using your computer’s Internet connection environment. For details, see “3 Viewing Web Pages through Your Computer”.

Critical Point

- For details on how to set/use ActiveSync, see the ActiveSync help.

■ Installing

When you install Microsoft ActiveSync, you are prompted to connect your Pocket LOOX and create a partnership. The Fujitsu USB sync driver (in Companion CD) must be installed to establish a connection.

The first time you connect, the New Partnership Wizard on your desktop PC helps you to establish a partnership and sets synchronize options.

ActiveSync is on  "Companion CD". For details on how to install it, refer to the CD contents.

■ Starting Synchronization

With the default settings for ActiveSync, when this device is set in its cradle, ActiveSync starts automatically and synchronization starts. Also, while this device is in its cradle, if information on either the computer or this device is updated, it is immediately synchronized. When synchronizing manually, start synchronization with the following procedure.

- **Starting synchronization from the computer**

Tap the "File" menu → "Synchronize" in that order, then click  (synchronize).
Synchronization is started.

Critical Point

- When you want to synchronize only certain information, right-click the "Information type" item name, then click "Synchronization".

- **Starting synchronization from this device**

1 **Tap  → ** in that order.

2 **Tap .**

Synchronization is started.

■ Detailed Synchronization Settings

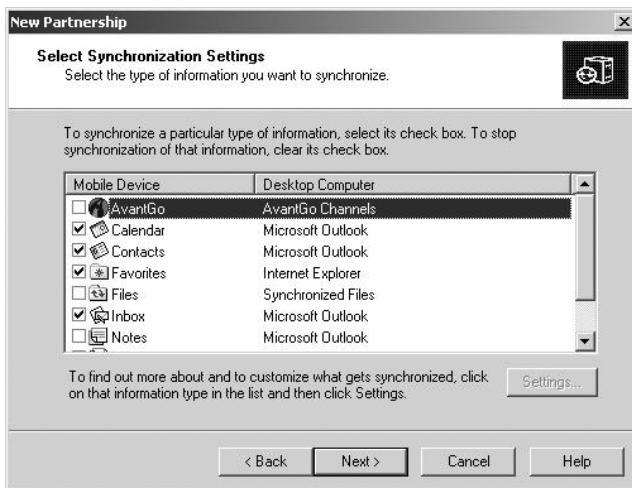
The ActiveSync "Options" set the timing for synchronization and which files to synchronize.

To start the "Options" dialog, tap the "Tools" menu → "Options" in that order.

Alternatively, click  (Options).

◆ Synchronization Settings

The “Synchronization Settings” tab sets which information is to be synchronized.



1 Mobile device

Select the items you want to synchronize with a computer.

2 Settings

This is for detailed settings for synchronization. When you select an item from “Mobile Device”, its button goes into the pushed state.

■ Synchronization Settings

The “Synchronization Settings” tab sets which information is to be synchronized.

◆ Synchronization Mode

The “Synchronization Mode” tab sets when synchronization is executed.

Synchronize continuously while device is connected

As long as this device is in its cradle, if information is updated on either the computer or this device, it is synchronized immediately.

Synchronize only when connecting

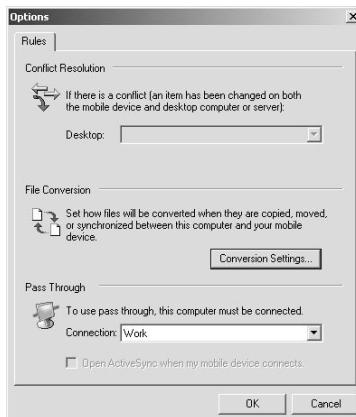
Synchronization is only started when this device is first placed in its cradle.

Synchronize manually

Synchronization is started when you click the “File” menu → “Synchronization” in that order or click  (synchronization) on the computer or tap  →  →  on this device.

■ Synchronization Options

The “Synchronization Options” tab sets when synchronization is executed.



1 Resolving Conflicts

Select the way how to resolve a conflict when it occurs.

- **Leave conflicts unresolved**

When a conflict occurs, this setting leaves undecided the decision as to which contents to unify on. In this case, “Synchronization completed. 1 conflict item” is displayed after synchronization ends.

If you click the “Resolve conflicts” that is displayed at the same time, the “Resolve conflicts” dialog is displayed and you can specify how to resolve the conflict.

- **Always replace with computer item.**

If a conflict occurs, the information is always unified to the computer version.

- **Always replace with this device’s item.**

If a conflict occurs, the information is always unified to the version on this device.

2 Set replacement

Relationships are assigned for mutual replacement of files between the computer and this device.

3 Connecting

This selects where to connect when viewing Web pages on this device using your computer’s Internet connection environment. When using a company LAN at work, select “Company Network”; when using a dial-up connection at home, select “Internet”.

4 Open ActiveSync when connecting to the mobile device.

When this device is set in its cradle, the “Microsoft ActiveSync” window is automatically opened.

■ Copying Files

To copy files from the computer to this device, operate as follows.

- 1 **Set this device in the cradle connected to the computer.**
- 2 **If ActiveSync is not set to be opened automatically, double-click 

The “Mobile Device” window is opened and the folders and files on this device are displayed.**

Critical Point

- You can also open the “Mobile Device” window by double-clicking 

■ Synchronizing Files

To synchronize any files other than Pocket Outlook files, use the synchronization folder. When “Files” is selected during ActiveSync installation or “Files” is selected from the “Synchronization Settings” tab in the ActiveSync Options dialog, then the synchronization folder is created with the default name of “My Documents”. This synchronization folder can be opened from the 

SECTION 6

2 Synchronizing Web Pages and Email

You can use ActiveSync to transfer Web pages viewed on the computer and email received on it to this device so you can read them on the go.

■ Synchronizing Web Pages

If you find a Web page using your computer but do not have time to read it right away, you can transfer it to this device to read on the go. Another advantage of taking in Web pages with your computer ahead of time is that this allows you to read them on this device regardless of communications conditions and the like.

◆ Transferring Favorites

When you install ActiveSync, “Mobile Device Favorites” is added to the computer’s Internet Explorer “Favorites” menu.

With the “Favorites” menu → “Add to Favorites”, if you create a favorite in the “Mobile Device Favorites”, it is transferred to this device’s favorites during synchronization. What is transferred in this case is just the URL for the Web page added to the favorites. To view the contents of this page requires that you connect to the Internet.

Critical Point

- Transferring a favorite requires Internet Explorer Version 4.0.1 Service Pack 1 or later.

◆ Transferring Web Pages

When you install ActiveSync, “Create Mobile Device Favorites” is added to the computer’s Internet Explorer “Tools” menu.

When you use this menu, the data for Web pages in “Mobile Device Favorites” in the “Favorites” are copied and during synchronization, the contents of the Web pages are transferred to this device.

Critical Point

- Transferring a Web page requires Internet Explorer Version 5.0 or later.

◎ Creating Mobile Favorites

The method for downloading transfer Web pages from the Internet is as follows.

- 1 **Display the Web page to transfer.**
- 2 **On Internet Explorer on the computer, click the “Tools” menu → “Create Mobile Favorite” in that order.**

3 (1) If necessary, change the name of the favorite. (2) Set the update schedule. (3) Click “OK”.

The next time synchronization is executed, the Web page is transferred to this device.

Critical Point

- When the update schedule is specified, the newest information is downloaded to the computer periodically.
- Even if no update schedule is specified, you can update to the newest information manually from Internet Explorer on the computer by clicking the “Tools” menu → “Synchronize” in that order.
- To add to the update Calendar or specify the depth of the links for downloading, execute the following operations.
 - 1 With Internet Explorer on the computer, click the “Favorites” menu → “Mobile Favorites” in that order, then right-click the displayed favorites.
 - 2 Click “Properties”.
 - 3 With the “Schedule” tab, you can add to the update schedule and with the “Download” tab, you can specify the depth of the links for downloading etc.

◎ To Conserve Memory

When a Web page is transferred to this device, the memory area is compressed. The following operations are executed to conserve memory.

- With “Mobile Favorites” Properties, set the link depth for downloading to “1”.
- With the following procedure, change the settings to not download pictures and sounds.
 - 1 If ActiveSync is set not to start automatically, double-click  (Microsoft ActiveSync) on the desktop, start ActiveSync.
 - 2 Click the “Tools” menu → “Options” in that order. Or click  (Options).
 - 3 Click “Favorites”, then click “Settings”.
 - 4 (1) On the “User Settings” tab, click the “Synchronize pictures” and “Synchronize sounds” checkboxes to unselect them. (2) Click “OK”.

◆ Mobile Channel

Mobile Channel provides text-centric Web pages to make them easier to view on Pocket PCs. On the computer, if you execute the procedure called “Read”, the Web page is downloaded to the computer and transferred to this device during synchronization.

Critical Point

- Reading Mobile Channel requires Internet Explorer Version 4.0 or higher.

■ Synchronizing Email

In the ActiveSync “Options” dialog, if the “Inbox” is selected, the Pocket Outlook Inbox and computer Outlook Inbox. Email synchronization allows the following. For details on the “Options” dialog settings, see “Detailed Synchronization Settings”.

- Unread and newly arrived messages on the computer are transferred to the Inbox of this device during synchronization. When there is no time to read email on the computer, you can read them on the go.
- If you create email on this device and put it in the “Outbox” folder, it is transferred to the “Outbox” folder on the computer during synchronization and can be sent from the computer. This allows you to write emails on the go and send them all afterwards.

Critical Point

- If you delete email on this device, the copy of that email on the computer is also deleted during synchronization. Be careful not to delete important email by mistake.

3 Viewing Web Pages through Your Computer

You can view Web pages on this device using your computer's Internet connection environment by utilizing the desktop pass-through function. A log is kept of the pages viewed on this device, so you can check them again when out at a client's office.

■ Settings

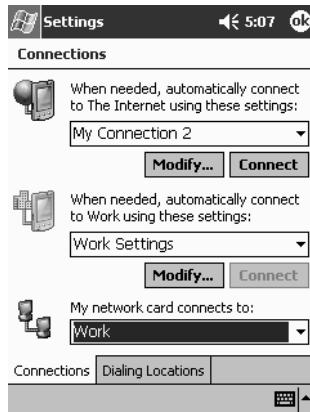
In order to use the desktop pass-through function, make the following settings on this device and on the computer.

It is also necessary that the Internet connection environment already be set on the computer side.

◆ Settings on This Device

- 1 Tap  → “Settings” → “Connection” tab → “Connection” in that order.
- 2 Set the “Network Card Connect To”.

When using a company LAN at work, select “Company Network”; when using a dial-up connection at home, select “Internet”.



Critical Point

- When “Company Network” is selected, the proxy server must be set. For details on setting the proxy server, see from Step 8 onward of the procedure in “Connecting with a LAN Card”.

Check the information input in setting with the network administrator.

- 3 Tap .

◆ **Settings on the Computer**

- 1 Start ActiveSync.**
- 2 Click the “Tools” menu → “Options” in that order.**
- 3 At the “Rule” tab, set the pass-through to “Connect”.**
Select either “Company Network” or “Internet” according to the setting on this device. See “Rules”.
- 4 Click “OK”.**

4 Synchronizing Pocket Word/Pocket Excel

Pocket Word/Excel files can be synchronized with computer Word/Excel files. This section explains the points to watch out for during synchronization.

■ Linking with Word

When the synchronization folder is used, files can be synchronized between Pocket Word on this device and Word on the computer. The points to watch out for during synchronization are as follows. For details on the synchronization folder, see Synchronizing Files.

- When synchronization is executed, Word documents (with the doc extension) on the computer are converted to Pocket Word data format (with the psw extension). At this time, information for functions that Pocket Word does not have (for example, double ruled lines for tables) is dropped out. For details on file compatibility, see the ActiveSync help.
- If a Pocket Word document is deleted on this device, the same Word document is also deleted from the synchronization folder on the computer during synchronization. For critical documents, do not put the original in the synchronization folder; put in a copy instead.
- If you edit a Pocket Word document on this device, then synchronize, some of the functions not found in Pocket Word are deleted without being restored in the Word document. For complex Word documents that use many formats, do not put the original in the synchronization folder; put in a copy instead.

■ Linking with Excel

When the synchronization folder is used, files can be synchronized between Pocket Excel on this device and Excel on the computer. The points to watch out for during synchronization are as follows. For details on the synchronization folder, see Synchronizing Files.

- When synchronization is executed, Excel documents (with the xls extension) on the computer are converted to Pocket Excel data format (with the psl extension). At this time, information for functions that Pocket Excel does not have (for example, macros) is dropped out. For details on file compatibility, see the ActiveSync help.
- If a Pocket Excel document is deleted on this device, the same Excel document is also deleted from the synchronization folder on the computer during synchronization. For critical documents, do not put the original in the synchronization folder; put in a copy instead.
- If you edit a Pocket Excel document on this device, then synchronize, some of the functions not found in Pocket Excel are deleted without being restored in the Excel document. For complex Excel functions that use many formats, do not put the original in the synchronization folder; put in a copy instead.

5 Backing Up and Restoring

This section explains how to back up the data of this device to your computer and restore it from your computer.

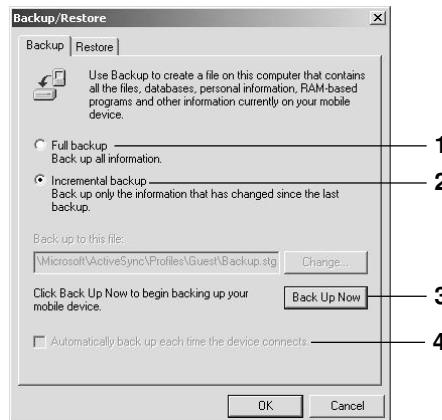
■ Backing up Data

IMPORTANT

◆ Always backup

Always backup just in case. If you can not back up to a computer, see “LX Backup” and backup to a CF card or SD/MMC card.

- 1 Set this device in its cradle connected to the computer.
- 2 If ActiveSync is set not to start automatically, double-click  (Microsoft ActiveSync) on the desktop to start ActiveSync.
- 3 Click the “Tools” menu → “Backup/Restore” in that order.
- 4 This sets how to backup.



- 1 This backs up all the data on this device. Select this when backing up for the first time.
- 2 This backs up only the files that have changed since the previous backup.
- 3 Starts the backup.
- 4 If you click this checkbox to select it, the backup is executed automatically when this device is set in its cradle.

- 5 To save these settings, click “OK”. To start the backup immediately, click “Backup”.

When the backup is started, “Backup processing is complete.” is displayed after the end of the backup.

- 6 Click “OK”.

Critical Point

- The first time you back up, execute a batch backup. After the batch backup has been completed once, if you set to execute differential backups automatically, from then on the latest information will be backed up reliably.

■ Restoring Data

If the memory in this device is cleared, for example by a full reset, restore the data with the following procedure.

- 1 Set this device in its cradle connected to the computer.
- 2 If ActiveSync is set not to start automatically, double-click  (Microsoft ActiveSync) on the desktop to start ActiveSync.
- 3 If the “New Partnership” dialog is displayed, click No to set , then click “Next”.
- 4 Click the “Tools” menu → “Backup/Restore” in that order.
- 5 Click the “Restore” tab, then click “Restore”.
If the “Select Partnership” dialog is displayed, select the name of the device on which the files to be restored from are stored, then click “OK”.
The “Continue Restoration” dialog is displayed.
- 6 Click “Restore”.
The restoration starts. After the restoration completes, “Restoration complete” is displayed.
- 7 Click “OK”.
- 8 Remove this device from its cradle.
- 9 Read “Normal reset”, then execute a normal reset.

Critical Point

- When you synchronize for the first time after a restoration, the “Append/Replace” dialog box may be displayed. If so, click one of the following three options.
 - Append this device’s item to the item on this computer
 - Replace this device’s item with the item on this computer
 - Do not synchronize this type of data at this time

SECTION

7

1 Various Connections

1 Connection Configurations That Can Be Used

This section explains the connection devices that can be used with this device and how to connect them.

■ Connecting with a Data Communications Card or Modem

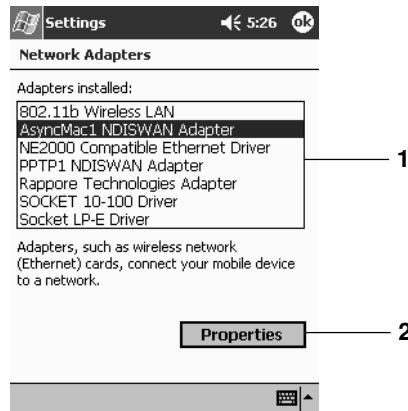
When a modem card or data communications CF card is set in this device, you can make dial-up connections to the Internet.

For details on how to connect to the Internet, see “Chapter 3 Connecting to the Internet”.

■ Connecting with a LAN Card

Setting an NE2000-compatible LAN card in this device, you can connect to an in-company LAN. The general flow for connections is as follows. Check the information input in setting with the network administrator.

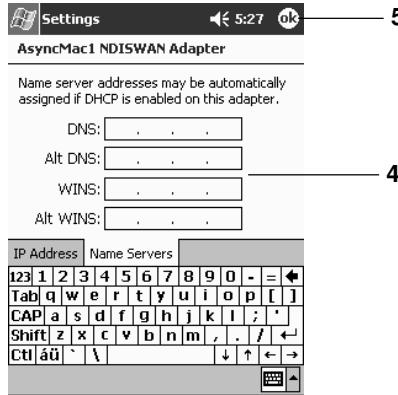
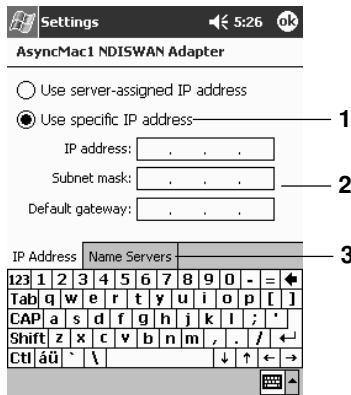
- 1 Tap  → “Settings” → “Connection” tab → “Network Adaptor” in that order.
- 2 (1) Tap the name of your LAN card from the “Adaptor to setup”. (2) Tap “Properties”.



- 3 Operate as follows.
 - Using a DHCP server

Check that the “Use the IP address allocated by the server” checkbox is selected , then tap **OK**.

■ For a Fixed IP Address



- 1 Tap “Use specified IP address” to select it.
- 2 Set the IP address and other information.
- 3 Tap the “Name Server” tab.
- 4 Set the information concerning the DNS server.
- 5 Tap **OK**.

4 If the “Adaptor” dialog is displayed, tap **OK**.

5 Tap **OK**.

The display returns to the “Connection” tab on the “Settings” screen.

6 Set the LAN card in this device.

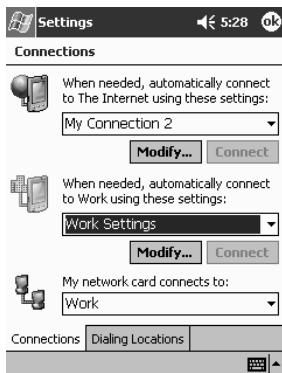
For details on how to set a LAN card in this device, see “7 Installing Expansion Units”.

This enables you to connect to the company LAN.

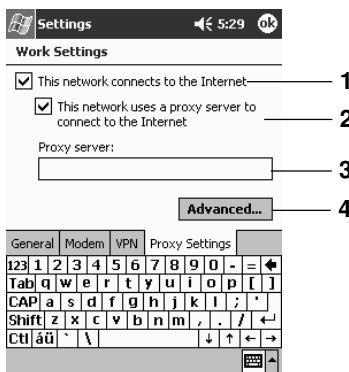
If you will be connecting to the Internet, make the following settings too. Check the information input in setting with the network administrator.

7 Tap “Connection” on the “Settings” screen.

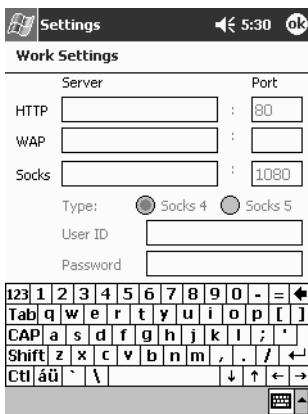
8 Tap “Modify” and set your network settings.



9 Tap the “Proxy Settings” tab, then operate as follows.



- 1 When connecting to the Internet, tap here to select this checkbox .
- 2 When connecting to the Internet using a proxy server, tap here to select this checkbox .
- 3 Input the proxy server name.
- 4 Tap “Detailed Settings”.
Set the server name, port number, etc.



- 5 Tap **ok**.
- 10 Tap **ok**.
The display returns to the “Proxy Settings” screen.
- 11 Tap **ok**.
This completes the settings. You can now connect to the Internet using Pocket Internet Explorer. For details on Pocket Internet Explorer, see “Basic Pocket Internet Explorer Operation”.

■ Connecting with the Cradle

Using the cradle enables you to connect to a computer. For details on how to connect the cradle to the computer and on how to set in the cradle of this device, see “6 Connecting with a Computer”. For details on exchanging data with the computer, see “Chapter 6 Linking with a Computer”.

■ Connection through Infrared

This device is equipped with an infrared communications port. You can exchange data with another one of these device or with another device equipped with an infrared communications port (cell phone, notebook computer, etc.) without needing to connect a cable.

For details on infrared communications, see “2 Infrared Connections”.

■ Connection through Bluetooth™

This device is equipped with a Bluetooth™ module. You can exchange data with another one of these devices or with another device equipped with Bluetooth™ (cell phone, notebook computer, etc.) without needing to connect a cable.

For details on Bluetooth™ communications, see “3 Bluetooth™ Connections”.

2 Infrared Connections

This section explains how to use the infrared port to exchange data between this device and another Pocket PC.

■ Infrared Communication

◆ Summary

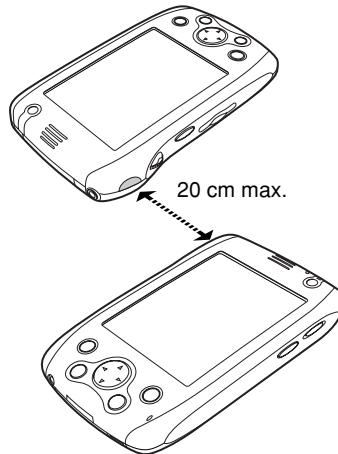
Infrared communication is a wireless communication technology for transferring data using light in the infrared region.

- Infrared communication is appropriate for connecting devices over short distances (20 cm).
- With this device, communication at speed up to 115Kbps is possible.

◆ Securing Good Communications

In order to secure good communications, observe the following points.

- Face the devices so that their infrared communications ports face each other directly. The appropriate distance is no greater than 20 cm.



- Do not place anything between the devices. This would interfere with the infrared rays.
- Do not move either of the devices while they are communicating.
- Do not use a television or other remote control, wireless headphones, or the like near the communicating devices.
- Do not allow direct sunlight, fluorescent lights, incandescent lights, or other strong light to fall on the infrared communications ports.
- Do not allow the infrared ports to become dirty.

Critical Point

- For details on how to make the infrared communications settings, see “Infrared Communications Settings”.

■ Transferring Files

This section explains how to exchange files between two of these devices.

Critical Point

- Folders can not be transmitted.

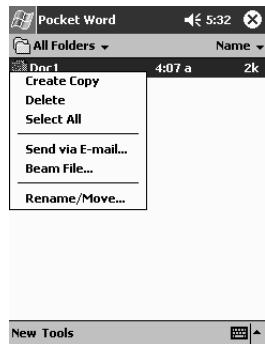
◆ Transmission

- 1 **Face the infrared communications ports to each other.**
- 2 **Select the file to send from a program or File Explorer, then tap-and-hold it.**
 - When sending from a program, start the program that created the file to send.
 - When sending from File Explorer, tap  → “Programs” → “File Explorer” in that order to start “File Explorer”.

Critical Point

- You can not send Contacts, Calendar, and Tasks data from File Explorer.

3 From the displayed pop-up menu, tap “Beam File”.



When reception is approved on the transmission destination, the file is transmitted.

◆ Reception

When file transmission operations are carried out on the transmission source, “Accept (File name)?” is displayed.

When you tap “Yes”, the file is received.

3 Bluetooth™ Connections

This section explains how to use Bluetooth to exchange data with other Bluetooth™.

■ Bluetooth™

◆ Features

Bluetooth™ is a wireless communication technology that transfers data using the signals between 2400 MHz and 2483.5 MHz.

- Bluetooth™ connects devices no more than 50 meters from each other.
- With this device, the maximum communications speed is 723.2 kbps download/57.6 kbps upload for symmetrical communications and 433.9 kbps download and upload for asymmetrical communications. (The effective speed depends on the environment.)
- You can encrypt data so that it can not be read by any third party and password authentication called "Pass Key" can be executed.
- In addition to 1-to-1 connections, multiple devices can be connected at the same time.
- It is not necessary to face the devices to each other and connections are possible even when a device is in a briefcase or pocket.

Important

◆ Always observe the following points

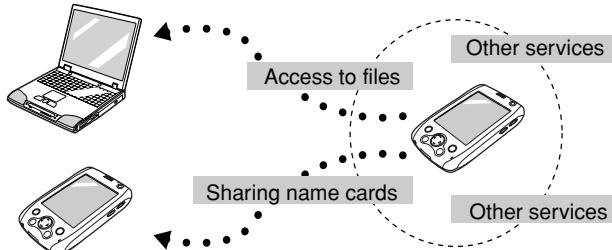
The signals given off by Bluetooth™ equipment can affect the operation of electronic medical equipment. In some cases, Bluetooth™ equipment could cause an accident, so in the following locations, either switch off the power to this device or stop the Bluetooth™ functions as explained in "How to Stop the Bluetooth™ Functions".

- ◆ In hospitals/in trains/in aircraft/at gas stations and other locations with flammable gas/near automatic doors and fire alarms.

◆ Service

When connecting to other Bluetooth™ equipment, select the connection method prepared for each function, called the "Service". Which services can be used and which can not be used depends on the equipment you are connecting to. Also, even services for functions that the other device has can not be used if this device does not support them.

Services supported by this device



For the services that can be used on this device, see "List of Services".

◆ In order to secure good communications

In order to secure good communications, observe the following points.

- Communicate with another Bluetooth™ device within a straight-line distance of 50 meters maximum. The maximum communications distance may be reduced by the ambient environment (walls, furniture, etc.) or the building structure. In particular, in ferro-concrete buildings, communications may be impossible between rooms that are separated by walls or floors with steel in them.
- Communicate at least 2 meters from other equipment (electrical equipment/AV equipment/office computer equipment/digital cordless telephones/faxes etc.). (In particular, microwave ovens easily affect Bluetooth™ communications, so be at least 3 meters away from them.) If you come too close to other equipment while its power is on, this device may stop communicating normally or cause noise in or interfere with radio or television reception. (On certain UHF and satellite broadcast channels, the television picture may be disrupted.)
- When a broadcast station, transmitter, or the like is nearby and normal communications are not possible, move to a different location. If the signal field in the area is too strong, normal communications may be impossible.
- Interference with wireless LANs

Since Bluetooth™ equipment and wireless LANs use the same frequency band (2.4 GHz), if you use this device near equipment that has wireless LAN, signal interference will occur and communications may drop and connections be lost. In such a case, take the following countermeasures.

- Use this device at least 10 meters from the wireless LAN equipment.
- When using this device within 10 meters of wireless LAN equipment, switch off the power for either this device or the wireless LAN equipment.

■ Bluetooth™ Connection Using Pocket Plugfree

◆ Pocket Plugfree

Pocket Plugfree is a program for connecting through Bluetooth™.

It has an easy-to-understand interface that is consistent with the Pocket PC 2002 operations system.

Critical Point

- For details on Pocket Plugfree, see the help file.

◆ List of Services

Pocket Plugfree provides the following services.

Critical Point

- Meaning of “Access” and “Sharing”

The functions “access” and “sharing” appear in the services in the table below. The difference between these two is as follows.

- Access: Function for connecting to other Bluetooth device (client)
- Sharing: Function for connecting from other Bluetooth device (server)

Service	Summary of Service
Accessing files Sharing files	File copying/renaming/deleting/editing with another Bluetooth™ device.
Accessing name cards Sharing name cards	Exchanges name cards (name and contact information) with another Bluetooth™ device. Names cards received from another Bluetooth™ device are added to the Pocket Outlook "Contacts".
Accessing the Internet	Connects to the Internet via a Bluetooth™-equipped cell phone/wireless station/computer (set for Internet connection sharing).
Waiting for ActiveSync session Starting ActiveSync session	When this device is connected to a computer via Bluetooth™, ActiveSync starts up automatically on this device and starts synchronization. When there is a request from the computer side to start synchronization with this device, use "Wait for ActiveSync session". When starting synchronization from this device, use "Start ActiveSync session".
Accessing serial port Sharing serial port	This adds a serial port and connects to another Bluetooth™ device through a COM connection. This is used when the program using the serial port is installed.
Accessing audio gateway Sharing audio gateway	This service connects this device with a headset that has Bluetooth™. Audio data and the like is transferred from this device and audio is exchanged.
Accessing calendar	This service exchanges calendars with another Bluetooth™ device. Since this device does not have a built-in program related to the calendar file, the contents of calendars received from other devices can not be viewed on this device.
Accessing notes	This service exchanges notes with another Bluetooth™ device. Since this device does not have a built-in program related to notes, the contents of notes received from other devices can not be viewed on this device.
Accessing email	This service exchanges email with another Bluetooth™ device. Since this device does not have a built-in program related to email, the contents of email received from other devices can not be viewed on this device.

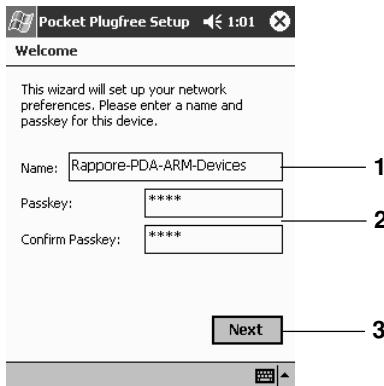
◆ Starting up and Initial Settings

This section explains how to start up and set Pocket Plugfree.

- 1 Tap  → “Programs” → “Pocket Plugfree” in that order.

When you start up Pocket Plugfree for the first time, the setup wizard for making the initial settings is started up.

- 2 (1) Input your name. (2) Input the pass key you want, then input it again. (3) Tap “Next”.



The “Name” set with “Name” is displayed on other Bluetooth™ devices. (The default setting is “Plugfree Device”.) You can input up to 16 single-byte English alphanumerics as the pass key.

- 3 In order to test whether or not Bluetooth™ is operating correctly, tap “Test”.

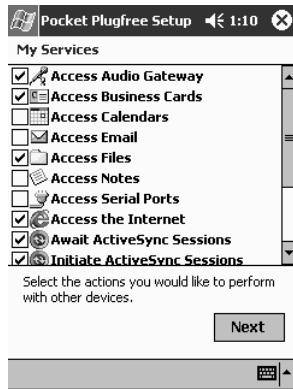


When the test ends, the program automatically proceeds to the next step.

Critical Point

- To stop the test, tap “Cancel”.
- If the test does not go well, “Test ended abnormally. Wireless hardware may not be operating correctly.” is displayed. Check that the Bluetooth™ switch is not switched to the Off side, then tap “Test” again. For details on the Bluetooth™ switch, see “How to Stop the Bluetooth™ Functions”.

4 Tap “Next”.



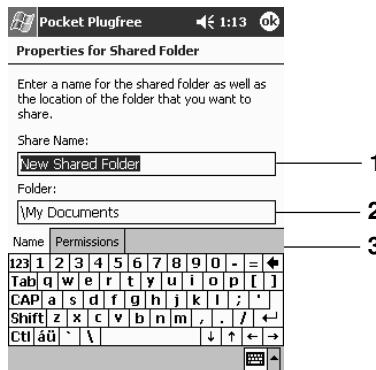
Select the services to use as necessary. (Normally, there is no need to change from the factory settings.) For details on the services, see “List of Services”.

5 Set the shared folders to be opened to other Bluetooth™ devices.

1. Tap “Yes”.



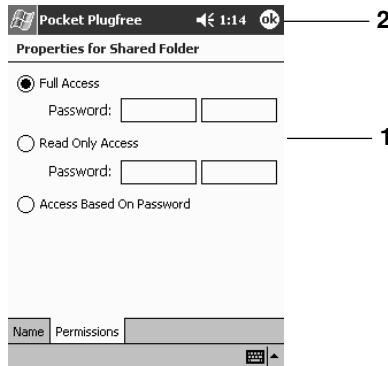
2. (1) Input a name for the shared folder. (2) Input the shared folder path. (3) Tap the “Access Rights” tab.



Critical Point

- The shared folder name set here is displayed on other Bluetooth™ devices.
- The shared folder name does not need to match an actual folder name. This is a name for display on other Bluetooth™ devices.
- When you tap “set this shared folder in the Inbox” and select this checkbox , calendar files, note files, and other files sent from other Bluetooth™ devices are stored in the shared folder.

3. (1) Set the folder access rights. (2) Tap **ok**.



- **Full access**

Tap this to select it , then input the password. After inputting the password in the left box, input it again for verification in the right box. Other Bluetooth™ devices can read, write, and delete files on this device.

- **Read-only access**

Tap this to select it (●), then input the password. After inputting the password in the left box, input it again for verification in the right box. Other Bluetooth™ devices can only read files on this device.

- **Password access**

When you tap this to select it (●), other Bluetooth™ devices can access files on this device if the password set with “Full access” or “Read-only access” is input on that other Bluetooth™ device.

4. Tap “Next”.



To add another shared folder, tap “Add”.

6 Tap “Finish”.

When you complete the settings, the device list is displayed. If there are any Bluetooth™ devices within the Bluetooth™ communications range, the names of these devices are displayed on the device list.



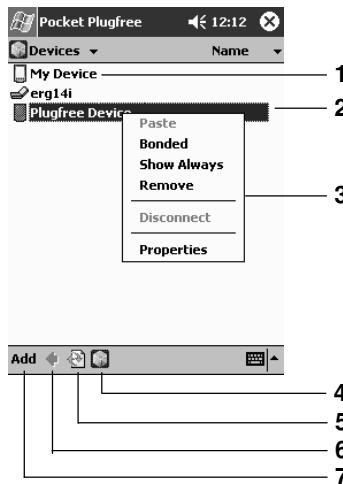
Critical Point

- To re-execute the setup wizard, tap Device List  → “Setup Wizard” in that order.

■ Pocket Plugfree Screen Configuration

◆ Device List

This is the first screen displayed when Pocket Plugfree is started up. At the same time, Bluetooth™ devices in the area are searched for and if any are found, their names are displayed.



1 My Device

The setting screen is displayed. For details, see “My Device” .

2 Other Bluetooth™ devices

Bluetooth™ devices in the area are displayed. If a device is set to “Bonded” or “Always display this device in the device list” in the “Properties”, the device’s icon is always displayed in the device list. When  is tapped and other devices searched for again, if a device is not in the Bluetooth™ communications range, the icon for that device is grayed out and “×” is displayed.

Tapping one of the devices in the device list displays the shared folder set for that device and a list of the services that device is equipped with. For details on how these services work on that device, see the manual for that device.



3 Pop-up Menu

This pop-up menu is displayed if you tap and hold another Bluetooth™ device.

- Bonded: Bonding means establishing a relationship of trust between this device and another Bluetooth™ device. If pass keys are exchanged and they match, a bonded relationship is established. When this is checked, this means that it is possible to connect with this device without inputting the pass key. If this is not checked and the device is tapped, the other Bluetooth™ device requests you to input the pass key. When you input the pass key, the connection becomes bonded and the check mark is displayed.
- Always displayed: When this is checked, this means that this device is set to always be displayed in the device list.
- Delete: Deletes this device from the device list.
- Disconnect: Disconnects the connection with this device.
- Properties: This displays the device address and type for this device. Also, it sets whether or not connection with the device is permitted without a pass key and whether or not to always display it on the device list. For details, see "Properties".

4

When you tap here, you can enable/disable Bluetooth™ functions and execute the setup wizard.

5

Tap here to search again for Bluetooth™ devices in the area and update the screen. Tapping during the search stops the search.

6

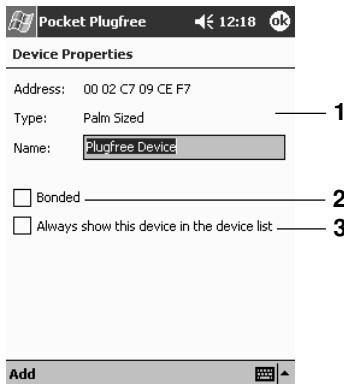
Returns the display to the previous screen.

7 Add

Specifies the device address and adds other Bluetooth™ devices to the device list.

◆ Properties

This is the screen displayed when you tap and hold a device in the device list, then tap “Properties” from the displayed pop-up menu.



1 Address/Type/Name

This displays the device address, type (desktop computer, notebook computer, etc.), and name.

2 Bonded

To connect a relationship of trust with the device, tap and select it. When you tap , the other Bluetooth™ device requests you to input the pass key. When you input the pass key, the connection becomes bonded and from then on, you can connect with that device without inputting the pass key.

3 Always displayed:

To always display device in the device list, tap and select it.

◆ My Device

This is the screen displayed when you select “My Device” from the device list. This screen is for setting basic such basic items as the device name and password and for setting services.



1 Files

This is the folder used for exchanging files with other Bluetooth™ devices. After files from the other device are copied, they can be pasted and files to be copied to the other device can be selected.

2 Services

Tap and select the services to use as necessary. Normally, there is no need to change these settings.

3 Shared Folders

This sets and adds shared folders.

Normally, the shared folder set with Step 5 in “Starting up and Initial Settings” is displayed.

4 Business Cards

Tap and select the name card to be automatically sent in response to Business Cards requests from other Bluetooth™ devices.

5 Settings

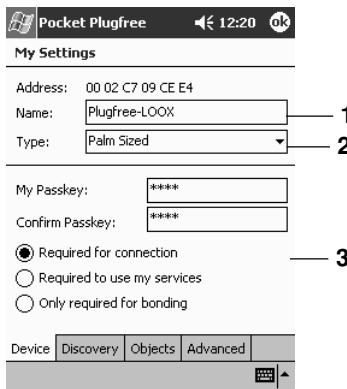
This sets such basic parameters as the device name and path key. For details, see “Settings”.

◆ Settings

The settings screen is divided into the “Device” tab, “Detection” tab, “Object” tab, and “Others” tab.

“Device” tab

This sets the name displayed on other Bluetooth™ devices and the pass key input when other devices access this device.



1 Name

Sets the name displayed on other devices.

2 Type

Select either “Palm Sized” or “Audio Device”. Normally, there will be no problems with the “Palm Sized” setting, but if you can not connect with some Bluetooth™ headsets, select “Audio Device”.

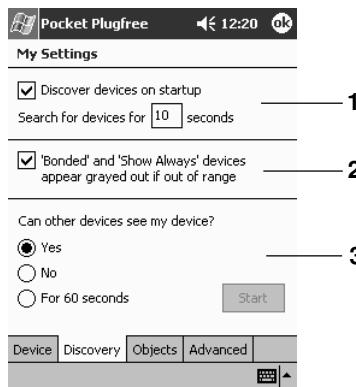
3 Pass key

This sets the pass key input when another device accesses this device. After inputting the password at “Pass key”, select one of the following options.

- Required for connection: Requires the pass key each time another device accesses this device.
- Required to use service: Other devices can access this device and view the services, but each time another device tries to use a service of this device, this device requires the pass key.
- Required only for bonding: Handles devices that access this device as devices that can be trusted and does not require the pass key.

"Discovery" tab

This sets such parameters as the interval at which to search for other Bluetooth™ devices and whether or not this device can be seen from other devices.



1 Discover devices at start up

Sets how many seconds to search for other devices when Pocket Plugfree is started. Tap to select it , then input the number of seconds into “Devices to search for”.

2 When they are outside the communications range, devices with the “Bonded” or “Always display” property are displayed grayed out.

When is tapped and other devices searched for again, if a device for which “Bonded” or “Always display” is set with the Properties is not in the Bluetooth™ communications range, the icon for that device is grayed out and “X” is displayed.

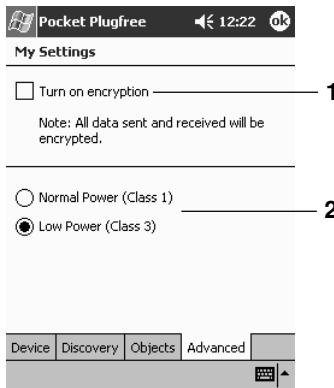
3 Can other devices reference this device?

This sets whether or not this device can be seen from other devices. Tap “Yes”, “No”, or “60 seconds” to select it . When you tap “Start”, the selected status is enabled.

“Object” tab

Normally, there is no need to make the settings on this screen. When making these settings, see the help.

“Advanced” tab



1 Set “Encryption” On.

When you tap and select “Encryption”, data exchanged with other Bluetooth™ equipment is encrypted.

2 This sets the strength of the signals emitted by Bluetooth™. The communications rate is about 50 meters for “Normal power (Class 3)” (the mode which consumes more power) and about 10 meters for “Low power (Class 3)”.

■ File Operations

When the “Access files” or “Share files” service is used, files can be copied/renamed/deleted/edited between this device and other Bluetooth™ devices. Note also that unlike “ActiveSync usage”, file copying is only used for exchanging data that requires no data format conversion.

◆ Copying from Other Bluetooth™ Devices

This section explains how to copy files and folders from other Bluetooth™ devices.

1 Tap the other device from the device list screen.



Critical Point

● **When the following screen is displayed**

Input the same pass key as input on the other device, then tap “OK”.

- 2 From the displayed services, tap “File”.
- 3 Tap and hold the file or folder that you want to copy to this device.
- 4 From the displayed pop-up menu, tap “Copy”.
- 5 (1) Display the device list. (2) Tap “My Device”. (3) Tap “Files”.
- 6 Tap the Edit menu → “Paste” in that order.
The file or folder pasted on the above screen is copied directly under “My Device”.
- 7 Tap  → “Programs” → “File Explorer” in that order to start File Explorer.
- 8 Open “My Device” and move the copied file to another folder.

◆ Copying to Another Bluetooth™ Device

This section explains how to copy files and folders from this device to another Bluetooth™ device.

- 1 **Tap  → “Programs” → “File Explorer” in that order to start File Explorer.**
- 2 **Move or copy the files to be copied to directly under “My Device”.**
- 3 **Start Pocket Plugfree. (1) Display the device list. (2) Tap “My Device”. (3) Tap “Files”.**
- 4 **Tap and hold the file or folder that you want to copy to this device.**
- 5 **From the displayed pop-up menu, tap “Copy”.**
- 6 **Tap the other device from the device list screen.**

Critical Point

- Input the same pass key as input on the other device, then tap “OK”.

- 7 **From the displayed services, tap “File”.**
- 8 **Tap the Edit menu → “Paste” in that order.**

The file or folder is copied to the other device.

◆ Deleting/Renaming/Editing Files on Other Bluetooth™ Devices

When file access is permitted on the other Bluetooth™ device, you can directly delete, rename, or edit files. In order to edit, it is necessary that the program related to the file being edited be installed on this device.

Deleting

- 1 Execute Steps 1-3 of “Copying from Other Bluetooth™ Devices”.
- 2 Tap “Delete” from the displayed pop-up menu.

The “OK to delete item ○” message is displayed, so tap “Yes”.

Renaming

- 1 Execute Steps 1-3 of “Copying from Other Bluetooth™ Devices”.
- 2 From the displayed pop-up menu, tap “Rename”.
- 3 Input the new name.

Critical Point

- If file renaming fails because file deletion on the other Bluetooth™ device is not permitted, the copy of the file you tried to change remains on the other device. In this case, delete the unnecessary file from the other device.
- Renaming large files can take time.

Editing

- 1 Execute Steps 1-3 of “Copying from Other Bluetooth™ Devices” .
- 2 Tap the file to edit.

The program related to the file is started and it can be edited and saved.

■ Exchanging Business Cards

When the “Access Business Cards” or “Share Business Cards” service is used, Business Cards (name and contact information) with another Bluetooth device.

◆ Sending a Business Cards

Critical Point

- Before starting the sending, use Pocket Outlook “Contacts” to input the information about yourself you want to send. For details on creating a contact, see “Creating a New Contact”.

1 From the device list, tap the other device.



Critical Point

- Input the same pass key as input on the other device, then tap “OK”.

2 From the displayed services, tap “Business Cards”.

3 Tap “Send Business Cards”.



4 (1) Tap the Business Cards you want to send to select it (2) Tap “Send”.

When the other device approves reception of the Business Cards, the Business Cards is sent from this device and “(Business Cards) sent correctly” is displayed.

When the other device refuses reception of the Business Cards, “Request denied” is displayed on this device.

◆ Requesting a Business Cards

Critical Point

- It is necessary that the device from which you request a Business Cards be equipped with a function for sending its Business Cards. Please understand that Bluetooth™ PC cards and Bluetooth™ computers from this company do not support functions for sending Business Cards.
- It is necessary that the other device be set so that it can share Business Cards. If the other device is a Pocket LOOX, go to “My Device”) and set sharing with the “Business Cards” settings.

1 From the device list screen, tap the other device.

Critical Point

- Input the same pass key as input on the other device, then tap “OK”.

2 From the displayed services, tap “Business Cards”.

3 Tap “Request Business Cards”.

The request is sent.

When the other device approves the request, the Business Cards is sent to this device and displayed as Pocket Outlook “Contacts” data.

When the other device refuses the request, “Request denied” is displayed on this device.

■ Connecting to the Internet

◆ Connecting using a cell phone or CF

A dialup connection to the Internet is made through a Bluetooth™ cell phone or CF.

1 Tap  → “Settings” → “Connection” tab → “Connection” → “Dialing Properties” tab in that order.

2 (1) From “Source”, select “Cell phone” or “CF”. (2) Tap .

3 Put the cell phone or CF in the state to wait for Bluetooth™ signals.

For details on how to make this setting, see the manual for the cell phone or CF.

4 Start up Pocket Plugfree and tap the cell phone or CF from the device list screen.

5 If you are requested on the cell phone or CF to input the pass key, input it.

6 Input the same pass key on this device, then tap “OK”.

7 From the displayed services, tap “Internet”.

8 (1) Input the access point for your Internet service provider. (2) Tap .

9 (1) Input the “User name” and “Password” for connecting to the Internet service provider. (2) Tap OK.

If necessary, tap “Store password” to select it .

For the information for connecting, see the material provided by your Internet service provider.

Critical Point

● **If you are requested on the cell phone or CF side to input the pass key**

On some models, you may be requested to input the pass key. If this happens, input the pass key on the cell phone or CF side, input the same pass key on this device too, then tap “OK”.

When this device is connected to the Internet, Pocket Internet Explorer is started up automatically.

◆ Connection Using Wireless Station

This method uses a Bluetooth™ wireless station (Bluetooth™ data access point) to connect to the Internet via a LAN.

- 1 **Tap  → “Settings” → “Connection” tab → “Connection” in that order.**
- 2 **Execute “Connecting through a LAN card” from step 8 onward and make the proxy settings.**
- 3 **Start up Pocket Plugfree and tap the wireless station from the device list screen.**
- 4 **Input the pass key, then tap OK.**
- 5 **From the displayed services, tap “Internet”.**
- 6 **(1) Input the “user name”, “password”, and “domain” for logging onto the LAN. (2) Tap .**
For details on the information for logging in, check with the network administrator.
- 7 **Input the pass key, then tap OK.**
When this device is connected to the Internet, Pocket Internet Explorer is started up automatically.

◆ Connecting Using Internet Connection Sharing

This method connects to the Internet via a computer set to share its Internet connection.

Critical Point

- The connecting computer must have a Bluetooth™ utility equipped with the personal area networking (PAN) profile.
- For details on how to set Internet connection sharing, see the Bluetooth™ manual for your computer or optional product or the Windows help.

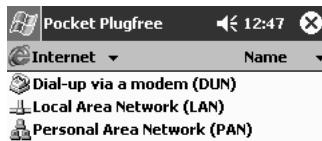
1 From the device list screen, tap the computer for which Internet connection sharing is set.

Critical Point

- Input the same pass key as input on the other device, then tap “OK”.

2 From the displayed services, tap “Internet”.

3 From the displayed services, tap the “Personal Area Networking (PAN)”.



When this device is connected to the Internet, Pocket Internet Explorer is started up automatically.

Critical Point

● **Concerning “Dialup Network (DUN)” and “Local Area Network (LAN)”**

On some computers, the “Dialup Network (DUN)” and “Local Area Network (LAN)” services on the above screen can not be used.

■ **Using ActiveSync**

Even when this device is not set in its cradle, it can be synchronized with a computer using Bluetooth™. When exchanging data in ways that involve converting data formats, for example synchronizing such files as a computer’s Word/Excel files and this device’s Pocket Word/Pocket Excel files, use ActiveSync, not “File Operations”.

Critical Point

● **Check the following points beforehand.**

- Make the settings for partnership with a computer on which ActiveSync has been installed.
- Check that the NetBIOS settings on the computer are valid. For details on how, see the help for your operating system.
- Remove this device from its cradle before making the Bluetooth™ connection.

1 **From the device list screen, tap the computer with which you want to set the partnership.**

Critical Point

● Input the same pass key as input on the other device, then tap “OK”.

2 **From the displayed services, tap “ActiveSync”.**

When you connect with the computer, the “ActiveSync” screen is displayed automatically and synchronization starts.

For details on ActiveSync, see “Chapter 6 Linking with a Computer”.

Critical Point

● When automatic IP address assignment is enabled, connecting may take about 1-2 minutes.

SECTION

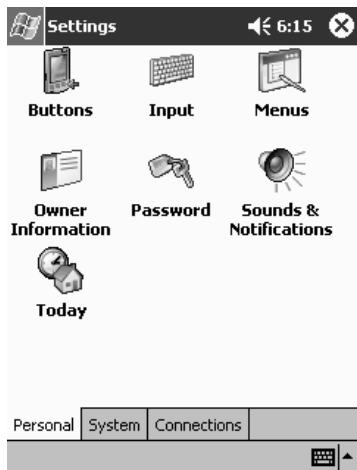
8

1 Settings

You can set the basic usage environment for this device and make various hardware adjustments.

■ List of Setting Items

The settings for this device are made on the following screen displayed by tapping  → “Settings” in that order.



From this screen, tap the icon for the item to be set.

The settings made with the “Personal”, “System”, and “Connection” tabs are as follows.

◆ “Personal” tab

Setting Item	Setting Contents
Today	This sets the information displayed on the “Today” screen.
Input	This sets the input method (for example, handwriting) and can also make the recording settings.
Sounds and Notifications	This sets the volume for system sounds, the types of sounds for various circumstances, and alarm reminders.
Owner Information	This sets personalized information for this device.
Password	This sets the password required when the power for this device is switched on.
Button	Frequently-used programs can be assigned to the Applications buttons.
Menu	The  menu and “New” menu can be customized.

◆ “System” tab

Setting Item	Setting Contents
Regional Settings	This sets the calendar, currency, and other display formats for each region (Japanese-language region, English-language region) so that the display can be switched to match regions you travel to.
Clock	The device for this clock can be set and the display can be switched to the times for locations you go to frequently. Also, wake-up alarms can be set.
Align Screen	If this device does not respond correctly to taps, the touch screen can be adjusted.
About	This displays the name of the processor and other important information about this device and also sets the name with which this device is identified on the network.
Power Management	Displays the battery remaining capacity and sets how long an idle time to wait before switching off the power.
Front Light	Sets the touch screen brightness and how long an idle time to wait before switching off the front light.
Remove Programs	Uninstalls any applications that you have installed on your device.
Memory	Configures the amount of internal memory allocated for storage and program memory and checks the usage status for memory cards.
CPU Settings	Sets whether or not to use the CPU in power-saving mode.
Expansion Pack Status Display	Displays information concerning the expansion pack installed in this device.
Asset Viewer	Displays the assets of this device (memory, OS version, etc.).
Autorun	Sets whether or not to automatically start the corresponding application when a CF card, SD/MMC card is set in this device.

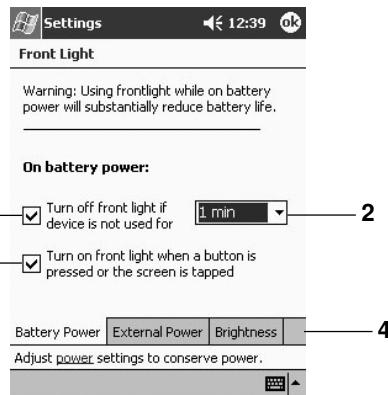
◆ “Connection” tab

Setting Item	Setting Contents
Connection	Makes the Internet connection settings.
Network Adaptor	Makes the LAN card network connection settings.
Beam	Makes the infrared communications settings.

■ Adjusting the Display

◆ Changing the Front Light

Tap  → “Settings” → “System” tab → “Front Light” in that order. The following screen is displayed.

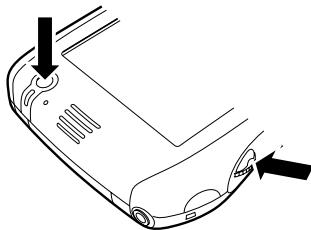


- 1 If you tap here to select this checkbox , the front light goes off automatically when the internal battery is used.
- 2 Sets how much time the system waits before putting off the front light automatically.
- 3 With the screen displayed when you tap here, you can make the front light settings for when the AC adaptor (external power supply) is used.
- 4 Tap here to move to the front light brightness level setting. You can adjust the brightness level by tapping “Brightness”.

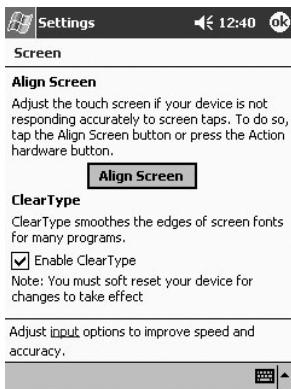
◆ Adjusting the Touch Screen

There are two ways to start touchscreen adjustment.

- Tap  → “Settings” → “System” tab → “Align Screen” in that order.
- Press the scroll lever while holding down the power button on this device.



The following screen is displayed.



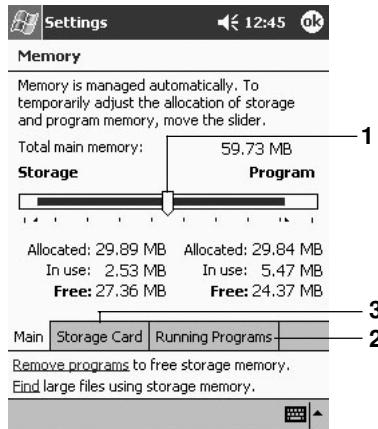
When you tap “Align Screen”, the touch screen adjustment starts. Tap “+” according to the instructions on the screen to adjust the touch screen.

■ Adjusting the Memory

◆ Changing the Memory Allocation

Tap  → “Settings” → “System” tab → “Memory” in that order.

The following screen is displayed.



- 1 Dragging the knob left and right adjusts the allocation of memory to data and application execution.
- 2 This displays the details on memory for application execution.
- 3 This displays the details on memory for data storage.

◆ Checking the Available Memory Capacity

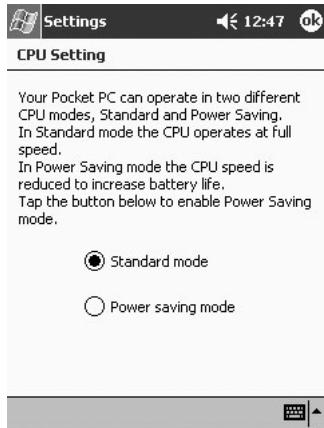
Set the CF card/SD/MMC card beforehand, then tap  → “Settings” → “System” tab → “Memory” → “Memory Card” in that order.

◆ Closing the Active Program

For details on the method for closing programs, see “Closing Programs”.

■ CPU Settings

Tap  → “Settings” → “System” tab → “CPU Settings” in that order. The following screen is displayed.

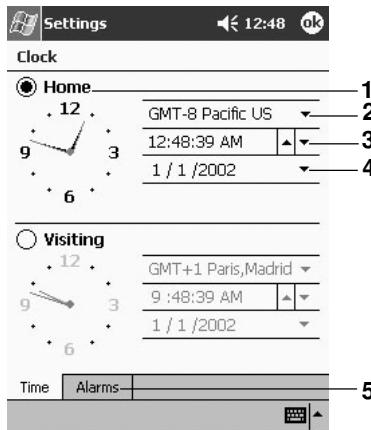


- 1 When you select the checkbox , power consumption is reduced by lowering the CPU clock speed.

■ Setting the Date/Time

Set the CF card/SD/MMC card beforehand, then tap  → “Settings” → “System” tab → “Clock” in that order.

The following screen is displayed.

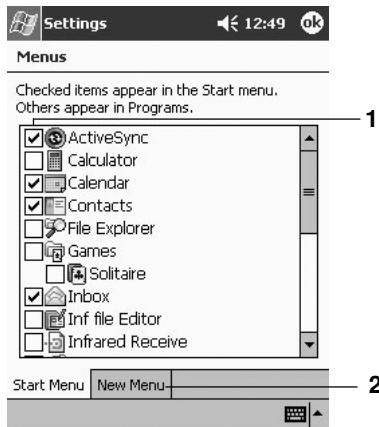


- 1 Tap the  to change it to  to raise the number or  to decrease it.
- 4 Tapping here displays Calendar. Select the date you want to set.
- 5 Tap here to set up alarms for specific times on specific days of the week each week.

■ Menu Settings

Tap  → “Settings” → “Personal” tab → Menu in that order.

The following screen is displayed.



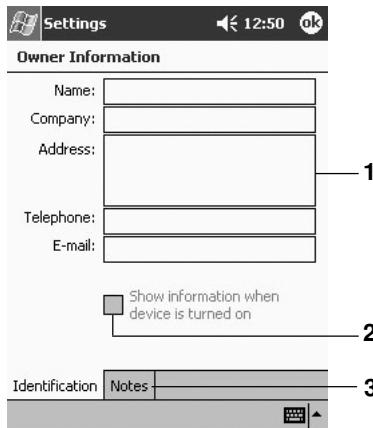
- 1 When you select a checkbox , the selected application is put in the menu. The menu may have up to 9 applications.
- 2 Tapping here moves you to the “New Menu” settings.

With the “New Menu” tab, you can set the items displayed when you tap the “New” menu on the “Today” screen.

■ Setting the Owner Information

Tap  → “Settings” → “Personal” tab → “Owner Information” in that order.

The following screen is displayed.

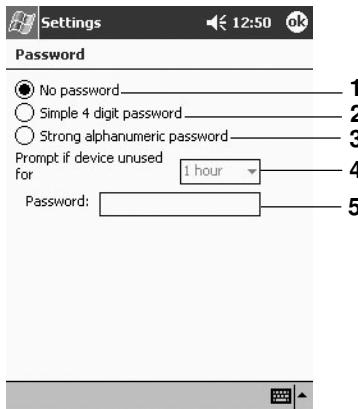


- 1 Tap each item and enter the appropriate information.
- 2 If you tap here, when you switch the power On, the “Owner Information” is displayed on the “My Information” screen.
- 3 When you tap here, the note input screen is displayed.

■ Setting the Password

Tap  → “Settings” → “Personal” tab → “Password” in that order.

The following screen is displayed.



- 1 No password is set.
- 2 You can set a four-digit number as the password by tapping the key pad displayed on the screen.
- 3 You can set a password of at least 7 characters that must combine letters (uppercase and lowercase) and delimiters (-, -, etc.)
- 4 If this device is left unused for a specific period, the password input screen is displayed.
- 5 Tap here to re-input the password.

Critical Point

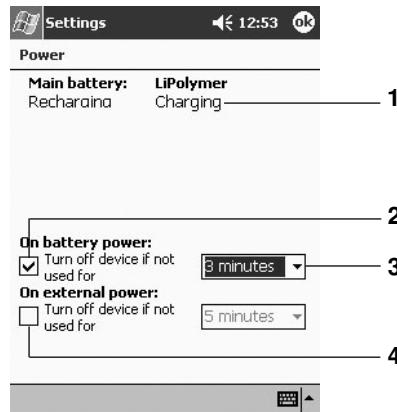
● **Do not forget your password.**

If you forget your password, you will need to fully reset this device (which erases all your data).

■ Power Settings

Tap  → “Settings” → “System” tab → “Power Management” in that order.

The following screen is displayed.

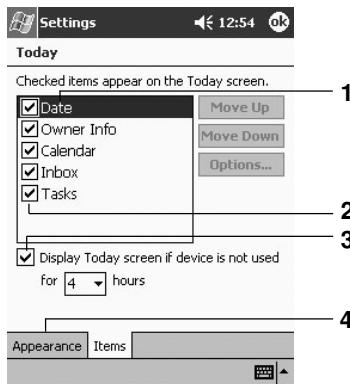


- 1 Displays the battery status.
- 2 If you select this checkbox , if this device is left unused for the specified time while the battery is being used, the power is switched off.
- 3 This sets the time after which to automatically switch off the power.
- 4 If you check here to select this checkbox , while the AC adapter (external power supply) is being used, the power is switched off

■ Today Screen Settings

Tap  → “Settings” → “Personal” tab → “Today” → “Item” tab in that order.

The following screen is displayed.



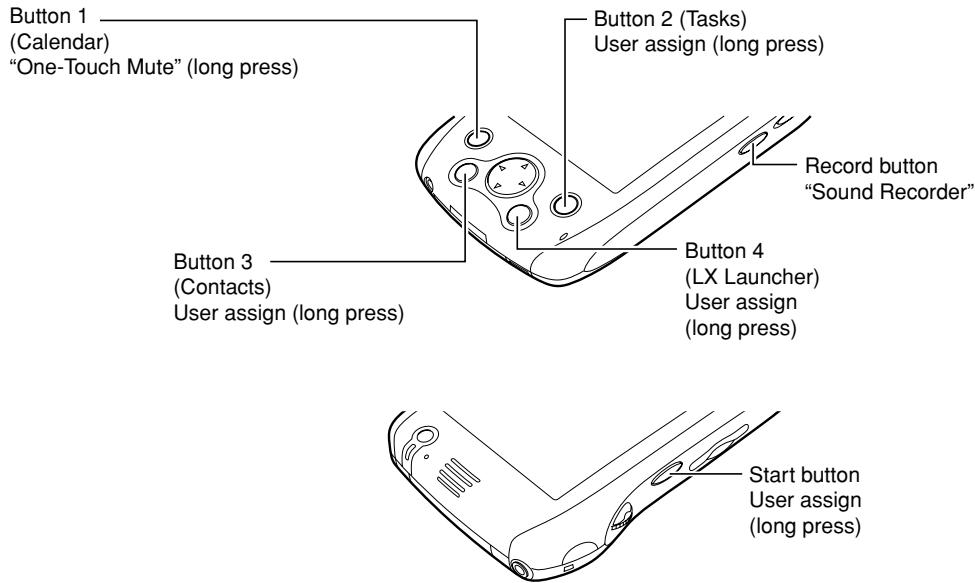
- 1 Select the item and then tap either "Move Up" or "Move Down" to change your display order. Detailed settings for "Calendar" and "Tasks" can be set with "Options".
- 2 Tap the item you want to display on the "Today" screen to select its checkbox .
- 3 If the screen is off for longer than the time set here, when it comes back on, the display switches to the "Today" screen. To set this function, tap here to select it , then select the time.
- 4 On the "Appearance" tab screen, you can set the background etc. for the "Today" screen.

■ Application Buttons Settings

This assigns the applications started when the Record button, application buttons, and Start button are pressed.

Each application button and the Start button can start two applications, one started by pressing the button and releasing it immediately, the other started by pressing the button and holding it about one second before releasing it (long press).

The factory settings are as follows.



Here is how to set the application assigned to each of these buttons.

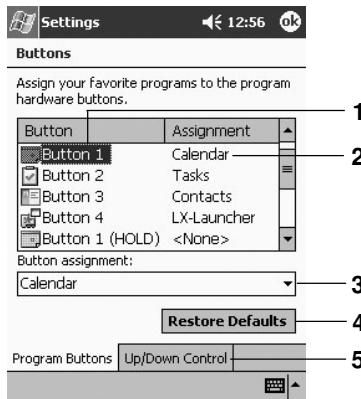
Tap → “Settings” → “Personal” tab → “Buttons” in that order.

The following screen is displayed.

Here is how to set the program assigned to each of these buttons.

Tap  → “Settings” → “Personal” tab → “Buttons” in that order.

The following screen is displayed.



1 Tap here and select the button to be set.

Voice Recorder	This sets the application started when the Record button is pressed.
Button 1 Button 2 Button 3 Button 4	Sets the application started when each application button is pressed and released.
Button 1 long press Button 2 long press Button 3 long press	Sets the application started when each application button is pressed and held down for about one second (long press).

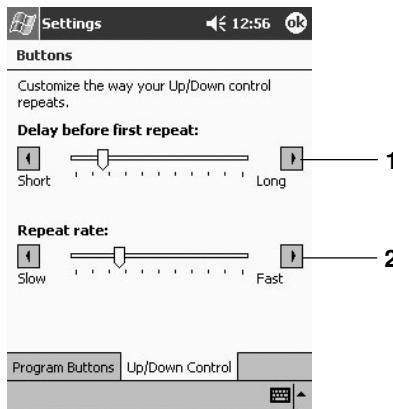
2 The current assignment for this button is displayed.

3 Select the new program to be assigned to this button.

4 Return the button to its default setting.

5 Move to the “Up/Down Control” setting.

The “Up/Down Control” tab adjusts the response speed when moving the scroll lever on this device up/down.

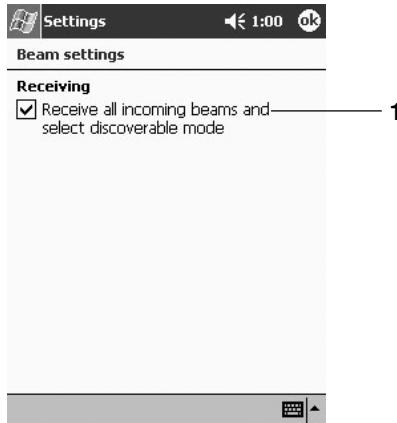


- 1 This adjusts the time from when you press the scroll lever up or down until the item starts moving.
- 2 This adjusts the speed with which the item moves when the scroll lever is held up or down.

■ Infrared Communications Settings

This sets the method for receiving files sent from other Pocket PCs.

Tap  → “Settings” → “Connection” → “Beam” in that order. The following screen is displayed.



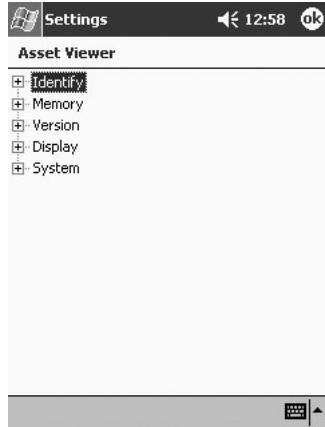
1 When this checkbox is selected , files sent via infrared from other Pocket PCs are always received.

When this checkbox is not selected , files sent via infrared from other Pocket PCs are not received. To receive files, tap  → “Applications” → “Infrared Reception” in that order to ready this device to receive files.

■ Checking System Information

◆ Checking Assets

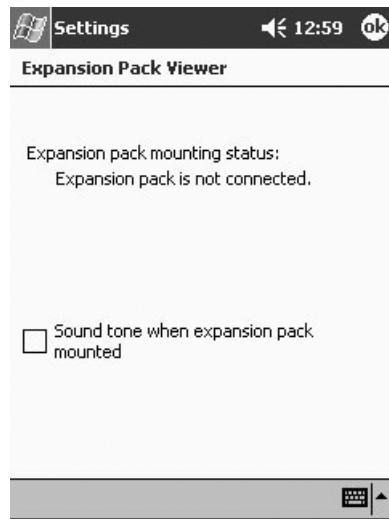
Tap  → “Settings” → “System” tab → “Asset Viewer” in that order. The following screen is displayed.



When you tap “+”, detailed information is displayed for each item.

◆ Checking the Expansion Pack Status

Tap  → “Settings” → “System” tab → “Expansion Pack Status Display” in that order.



2 Adding/Deleting Applications

You can install additional applications on this device and uninstall applications from it.

■ Applications You Can Add

You can use the following applications on this device.

- StrongARM/XScale applications
- Pocket PC 2002 applications

Applications for other CPUs and operating systems cannot be installed.

■ Adding Applications Using Your Computer

You can connect this device with your computer and install applications from your computer. It is necessary that ActiveSync already be installed on your computer. For details on how to connect with your computer, see "6 Connecting with a Computer". For details on how to install ActiveSync, see the "Companion CD".

- 1 **Either download the program to your computer or set the CD-ROM containing the program in the CD drive on your computer.**
- 2 **With the cradle connected to your computer, set this device in the cradle.**
- 3 **Start the program installer on your computer.**

The program is automatically transferred to this device and installed on it.

Critical Point

- **If the program has no installer**

Copy the program to Pocket LOOX according to the instructions in the program user's guide.

■ Adding Applications from the Internet

Connect this device to the Internet and download the application. Then, directly start the installer on Pocket LOOX to install it.

Critical Point

- **If the application has no installer**

Copy the application to Pocket LOOX according to the instructions in the application user's guide.

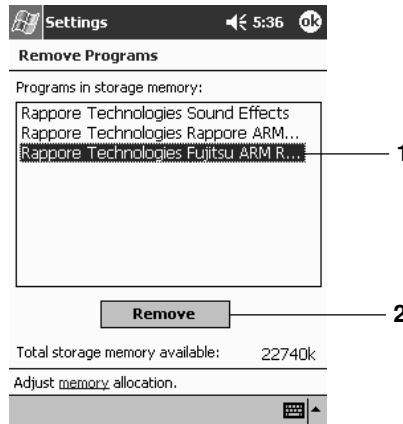
■ Registering Applications on the Menu

This makes it possible start installed applications from the  menu. For details on how to register applications on the menu, see “Menu Settings”.

■ Removing Applications

You can delete applications you have installed. You cannot delete applications built into this device.

- 1 Tap  → “Settings” → “System” tab → “Remove Programs” in that order.
- 2 Operate as follows.



- 1 From “Applications in Data Storage Memory”, select the application you intend to remove
- 2 Tap “Remove”.
- 3 Tap “Yes”.

SECTION

9

1 Minimizing Problems

This section explains points to watch out for in order to prevent problems and what you should watch out for in order to be ready in case a problem should occur.

■ Backing up Your Data

Backup daily in case your device should ever need a full reset or should break down. There are two ways to backup your data. You can use ActiveSync to back up to your computer or you can use LX Backup to back up to a CF card or SD/MMC card. For details on how to back up to your computer, see "4 Backing Up and Restoring"; for details on how to backup to a CF card or SD/MMC card, see "LX Backup Tool".

Also, to back up the information stored in the registry, see "Backing Up Registry Information".

■ Checking Documents

When installing an expansion unit or application, carefully read the manual that comes with the product and check the following points.

- Hardware/software requirements

Check that the expansion unit you want to use supports this device and Pocket PC 2002 or check that the program you want to use supports the CPU in this device (PXA250) and Pocket PC 2002.

- Points to watch out for during installation

In particular if there is a text file, such as *readme.txt* or *install.txt*, there may be critical information that was not added to the manual. Be sure to look through this file.

2 Basic Troubleshooting

This section explains the first things to do if trouble occurs.

■ Checking the Charge and the Connections

If the power will not come on, nothing is displayed on the screen, it is not possible to connect with the computer, or other such trouble occurs, first check the charge and the connections.

- Is the battery switch On? See “Preparing to Use this Device for the First Time” and check that the battery switch is switched On.
- Does the battery have enough remaining capacity? See “Checking the Remaining Capacity of the Battery”, check the remaining capacity of the battery, and if the battery is too low, charge it. If you are running with the AC adaptor connected, check that the cable is properly connected to this device and the electrical socket.
- Check that the cradle is securely connected to the computer and check that this device is securely set in the cradle.

◆ Messages and Other Notes

If a message appears on the screen, write it down. This will help when searching for the corresponding fault, for example in the error messages in the manual, and if you need to ask for help.

3 General Troubles

If you think that your device may have broken down, check the following points first.

■ Q: Is the Power on?

Solution Is the battery switch On?

See "Preparing to Use this Device for the First Time" and check that the battery switch is switched On.

A Is the battery adequately charged?

First, connect the AC adaptor and check if you can now switch on this device. If you can, switch off the power and leave the AC adaptor connected to charge the battery.

A Some kind of fault is occurred

If the battery is adequately charged or the AC adapter is connected, but this device still does not work properly, see "5 Reset" and execute a normal reset. If this device still cannot be switched on, execute a full reset.

■ Q: Slow or no response

A For some reason or other, the memory status is jammed

See "5 Reset" and execute a normal reset. If the response does not change, execute a full reset.

A Insufficient memory

The memory in this device is shared as data storage memory and application execution memory. If the amount of data increases or many applications are added, memory capacity may become inadequate and response may slow down. If this happens, free up memory, for example by eliminating unnecessary data and applications.

◎ Releasing Data Storage Memory with the following methods.

Release data storage memory with the following methods.

- Delete unnecessary data or archive it to your computer or onto a CF card or SD/MMC card.
- Delete large files. If you tap "Search", select "Type" and then select "Files larger than 64 KB", you can search for large files.
- Uninstall programs you do not use according to the instructions in 2 Adding/Deleting Programs.
- Use the following procedure to transfer email attachment files to a CF card or SD/MMC card.
 - 1 Set a CF card or SD/MMC card.
 - 2 Tap  → "Inbox" in that order.

- 3 Tap the “Tools” menu → “Options” in that order.
- 4 On the “File Locations”, tap the “Save attached files to memory card” checkbox to selected .
Attachment files stored in the main memory are moved to the card. Also, attachment files received from now on are stored to the card, so either restore this setting as necessary or be sure to install the card when receiving email.
- Delete temporary Internet files with the following procedure.
 - 1 Start Pocket Internet Explorer.
 - 2 Tap the “Tools” menu → “Options” in that order.
 - 3 Tap “Clear history” and “Delete files”.

⑤ Releasing Program Execution Memory

See “Closing Programs” and close programs that are running.

■ Q: The screen is dark and hard to read

A Was there direct sunlight on the screen?

If the LCD panel is exposed to direct sunlight for a prolonged periods of time, the screen becomes temporarily dim. It will return to normal after a little while.

A Adjust the screen brightness and font size

Adjust the screen brightness according to the instructions in “Changing the Front Light”. Also, if the program allows you to adjust the font size, increase the size of the characters.

- For Pocket Internet Explorer, adjust with the “View” menu → “Font size”.
- For Pocket Word/Pocket Excel, adjust with the “Tools” menu → “Zoom”.
- For Pocket Outlook Calendar, Tasks, Contacts, The “Tools” menu → “options”, then tap the “Use large fonts” checkbox to select it . For Notes, adjust the font size with the “Tools” menu.

■ Q: Strange responses to taps

A Adjust the touch panel position

Adjust the touch panel according to the instructions in “Adjusting the Touch Panel”.

A This device may be no functioning due to static electricity

See “Normal Reset” and execute a normal reset.

■ Q: I forgot my password

A Reset this device

See “Full Reset” and execute a full reset.

When you execute a full reset, the data being operated on, data created by the user, and applications added by the user are erased and this device is returned to its factory state.

4 Connection Related Troubles

This section covers troubles related to connections.

■ Q: Infrared communications do not work

A Check the following points

Check the installation position and ambient environment according to the instructions in "Securing Good Communications".

■ Bluetooth™ communications do not work

A Check the following points

- Check the installation position and ambient environment according to the instructions in "Securing Good Communications".
- Check that the Bluetooth™ switch is at the On side.
- Check that the power for the other Bluetooth™ device is On and that the Bluetooth™ communications software settings are correct.

■ Can not connect to the Internet

A Check the following points

- Check that the modem type and communications speed match your CF card.
- Check that the server addresses etc. match the information from your provider.
- Check that the telephone number matches the access point for your provider.
- Check that the Sender is set to "CF" and that the line type is set to "Tone".
- Check that the CF card is set properly in place.
- Check that the signal is good.

5 When You Can Not Solve a Problem

If you can not find a solution to a problem, contact the appropriate contact point.

In the following cases, contact Fujitsu service center.

- Inquiries concerning breakdown and repair, for example if you accidentally break this device
- When you have checked the manual and help but can not find the information you need about usage
- This device does not operate normally even after a full reset.

Important

◆ Requesting repairs

When you send this device out for repair, it may come back with none of the contacts or other data or in the same state it was in when you purchased it. If possible, back up all your data to your computer or to a CF card or SD/MMC card before sending this device for repair. Also, back up frequently.

SECTION

10

1 Specifications

The hardware specifications for this device are as follows.

■ Specifications

◆ Main unit

Item		Specifications	Remark
OS		Microsoft Pocket PC Software 2002	
CPU		Intel® PXA250 Applications Processor (400 MHz)	
Display controller		Built into CPU	
Memory	Main memory	64 MB DRAM	
	Backup Memory	Uses part of the above main memory and flash memory	
	ROM	32 MB FLASH Memory	
Screen display		3.5-inch front-lit QVGA reflective color LCD	65536 colors
Pointing device		Resistance-film touch panel (glass-film)	
Card slots		Compact Flash card TYPE II (CF+/CompactFlash 1.4) x1; SD/MMC slot x1	
Audio		Input: Monaural (built-in mic) Output: Stereo (built-in monaural speaker)	
IrDA		IrDA ver.1.2 (up to 115 kbps)	Distance: 20cm
Bluetooth™		Built-in Bluetooth™ 1.1 Class 1 Module	
Extern er na ca les	External connection ports	For connection with Cradle, USB sync cable and Serial sync cable	
	Expansion connector	Expansion battery input etc.	
	Stereo headphone jack	For stereo headphones	4-pin, 3.5-mm diameter
Operation buttons		Power button Scroll lever (up/down, push) Record button Start button Navigation buttons (up/down/left/right, push) Applications buttons x4	
Switches		Battery switch Bluetooth™ switch Reset switch	
Indicator		LED x1: (Charge: green; Alarm: Orange)	2-color LED
Light sensor		Brightness sensor x1	Senses ambient light
Power sup ply	Main battery	Lithium polymer rechargeable battery (2 cells)	
	Battery life	About 10 hours *	
	Charge time	3 hours (standard)	operating/suspended
Dimensions (mm)		77.3 W x 130 H x 17.5 D	
Weight (g)		175	

* – when "Today" screen displayed continuously, front light Off, normal temperature, battery fully charged, Bluetooth Off
– depends on the ambient temperature, usage conditions, etc.

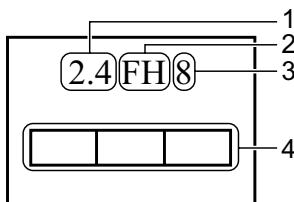
◆ Bluetooth™ function section

Item	Specifications
Interface	USB
Communications method	Bluetooth™ Specification Ver.1.1
Communication speed	about 720 kbps (for asynchronous communications) about 430 kbps (for synchronous communications)
Communications distance	about 50 meters (varies with signal strength and environment)
Output	11 dBm max. × (PowerClass 1)

※ Does not include the antenna efficiency.

◎ Frequency band

The frequency band used by this device is listed on the label on this device. This label is read as follows.



- 1 “2.4”: Indicates that this is wireless equipment using the 2.4-GHz band.
- 2 “FH”: Indicates that the modulation method is “FH-SS”.
- 3 “8”: Indicates that the estimated distance over which this device might cause interference is no more than 80 meters.
- 4 “_____”: indicates that this device uses the entire band width from 2,400 MHz to 2,483.5 MHz and that this device cannot avoid the band region for mobile unit identification devices.

2 Recycling

This section explains how to dispose of/recycle this device.

◆ Disposing of This Device

The fluorescent tube inside the LCD display in this device contains mercury. Disposal of this device is regulated by the “Law concerning Processing and Cleaning of Waste Materials”.

When this device is disposed of, it is handled as ordinary waste, so follow the relevant local ordinances and regulations concerning the processing of waste.

◆ Disposing of Expansion Batteries

Battery packs (lithium polymer batteries) are valuable resources. Please cooperate in recycling them. If you throw such a battery pack into a fire, it may burst. Always wrap used-up battery packs in vinyl tape or the like for insulation.