Receiving Information

1. Before receiving beamed information, tap [icon] → **Settings** → **Connections** → **Beam**.

2. Select Receive all incoming beams, and tap **OK**.

3. Align the IR ports so that they are unobstructed and within a close range.

4. The Pocket PC Phone will search for the other device and receive information automatically.

13.4   Bluetooth

Bluetooth is a short-range wireless communications technology. Devices with Bluetooth capabilities can exchange information over a distance of about 10 meters (30 feet) without requiring a physical connection. You can use Bluetooth in the following ways:

■ Beam information, such as files, appointments, tasks, and contact cards, between devices that have Bluetooth capabilities.

■ Create a dial-up modem connection between your device and a Bluetooth phone. You can then use the Bluetooth phone as a modem.

Turning on and off Bluetooth

Using the Bluetooth Icon

1. Tap and hold the Bluetooth icon on the Today screen until the pop-up menu appears for Bluetooth settings. (When Bluetooth is turned off, the first item on the pop-up menu is **Bluetooth on**; when Bluetooth is turned on, the first item is **Bluetooth off**.)

2. From the pop-up menu, tap **Bluetooth Manager** → **Devices** to search for other devices with Bluetooth turned on.

3. From the pop-up menu, tap **Bluetooth Setting → Mode**, and tap the check box to turn on or off the Bluetooth function of your Pocket PC Phone.

Using the Start Menu

1. Tap → **Settings → Connections → Bluetooth**.

2. To turn on Bluetooth, select the **Turn on Bluetooth** check box. To make your device discoverable for information exchange, select the **Make this device discoverable to other devices** check box.
   To turn off Bluetooth, clear the **Turn on Bluetooth** check box.

3. Tap **OK**.

• By default the Bluetooth radio is turned off. If you turn it on, and then turn off your device, the Bluetooth radio also turns off. When you turn on your device again, the Bluetooth radio turns on automatically.

Bluetooth Information Exchange

Beaming Information with Bluetooth

1. Turn on the Bluetooth as described earlier in the "Turning on and off Bluetooth" section.

2. Tap and hold an item to beam, such as an appointment in Calendar, a task in Tasks, a contact card in Contacts, or a file in File Explorer.

3. Tap **Beam [type of item]**.

4. Your Pocket PC Phone will search for Bluetooth devices within a range of about 10 meters (30 feet) and display the device names on the screen. Tap the device to which you want to send the beam.

Receiving a Bluetooth Beam

1. Tap → **Settings → Connections → Beam**.

2. Turn on the Bluetooth as described earlier in the "Turning on and off Bluetooth" section.

3. Make sure that the device is powered on, discoverable, and within 10 meters (30 feet) of your device.

4. When prompted to receive an incoming beam, tap **Yes**.

Bonding with Other Devices

A bond is a relationship that you create between your Pocket PC Phone and another Bluetooth device in order to help exchange information in a secure manner. Creating a bond involves entering the same PIN on the two devices you want to bond. Once a bond is created, the devices need only have their Bluetooth radios turned on to exchange information; they do not need to be in discoverable mode.

Creating a Bond

1. Make sure that the two devices are placed within 10 meters of one another and that Bluetooth is in discoverable mode on both devices.

2. Tap → **Settings** → **Connections** → **Bluetooth** → **Bonded Devices** → **New**.

3. Your device searches for other Bluetooth devices and displays them in the list.

4. Tap the name of the other device, and then **Next**.

5. In PIN, enter a PIN of between 1 and 16 characters and tap **Next**.

6. Enter the same PIN on the other device.

7. If you want, in **Name**, edit the name of the other device. You may use any name.

8. Tap **Finish**.

Accepting a Bond

1. Make sure that the two devices are placed within 10 meters of one another and that Bluetooth is in discoverable mode on both devices.

2. When prompted to bond with the other device, tap **Yes**.

3. In PIN, enter a PIN of between 1 and 16 characters and tap Next. You must enter the same PIN that was entered on the device requested the bond.

4. If you want, in **Name**, edit the name of the other device. You may use any name.

5. Tap **Finish**. The bond is created. You can now exchange information with the other device.

Using a Bluetooth Phone as a Modem

You can use a phone that has Bluetooth capabilities as a modem for your device. To do this, you may create a Bluetooth modem connection on your device and then send information to the phone by using Bluetooth. Make sure that the GPRS of the Bluetooth phone has been correctly configured and is operating.

Getting Connected

Creating a Bluetooth Modem Connection

1. Make sure that the Bluetooth phone is powered on, that your device's and the phone's Bluetooth radios are turned on, and that your device and the phone are placed within 10 meters (30 feet) of one another.

2. Tap 🔲 → **Settings** → **Connections** → **Connections** → **Add a new modem connection**.

3. Enter a name for the connection.

4. In the **Select a modem** list, tap **Bluetooth** → **Next**.

5. Make sure that the phone is discoverable. Some phones may also need to be pairable in order to accept a bonding request. For more information, see your phone documentation.

6. If the phone appears in the **My Connections** list, skip to step 14. If not, tap **New** and follow the remaining steps.

7. In the list, tap the phone and then **Next**.

8. In **PIN**, enter a personal identification number (PIN) of between 1 and 16 characters, and tap Next.

9. Enter the same PIN on the phone.

10. If you want, in **Name**, edit the name of the phone.

11. Tap **Finish**.

12. In the **My Connections** list, tap the phone, and then **Next**.

13. Enter the phone number to dial for this connection and tap **Next**.

14. In User name, Password, and Domain, enter the logon information for this connection and tap **Finish**.

Using the Bluetooth Modem

Once you create a modem connection to the Bluetooth phone, you can reuse it whenever you want to use the phone as a modem. Make sure that the Bluetooth phone is powered on, that your Pocket PC Phone's and the phone's Bluetooth radios are turned on, and that your Pocket PC Phone and the phone are placed within 10 meters (30 feet) of one another. Start using the program that uses the Bluetooth phone connection; for example Inbox to send and receive email, or Internet Explorer to browse the Web.
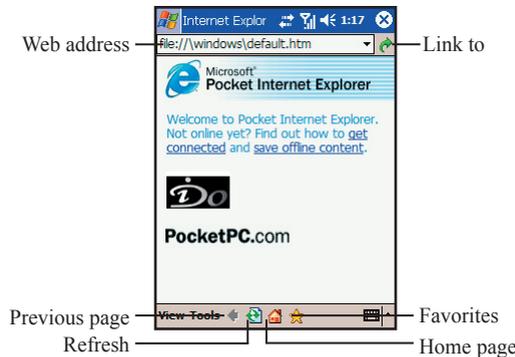
Getting Connected

Chapter 14

Internet Explorer

14.1   Using Internet Explorer

You can use Pocket Internet Explorer to view Web pages on your mobile device in two ways:

- ◼ downloading pages through synchronization (See Section 12.1)
- ◼ connecting to the Internet (see Chapter 13)

To switch to the program, tap → **Internet Explorer**, or press the IE hot key on the Pocket PC Phone. The Pocket Internet Explorer home page appears.

Web address —— file://\windows\default.htm —— Link to

Previous page —— View Tools —— Favorites
Refresh —— —— Home page

Sending a Link via Email

1. Tap → **Internet Explorer**.
2. Go to the page you want to send.
3. Tap **Tools → Send Link via E-mail**. A new message is created with the page address inserted in the message body.

14.2   Viewing Favorites

Your Pocket PC Phone has incorporated some of the useful favorites for your use.

On the Internet Explorer screen, tap the ⭐ icon on the cammand bar to open the favorite list.

If you are using Microsoft Internet Explorer 4 or greater on the desktop computer, you can synchronize favorite links. If you are using Microsoft Internet Explorer 5 or later versions on the desktop computer, you can also synchronize mobile favorites. Synchronizing favorite links enable you to have the URLs of your favorite Web sites at your fingertips. Synchronizing a mobile favorite enables you to view Internet content on your device while you are disconnected from your Internet service provider and desktop computer. Favorites are stored in the Mobile Favorites subfolder of Favorites in Internet Explorer on the desktop computer. This folder will be created when you select the Favorites information type for synchronization in ActiveSync on your desktop computer. Favorites must be stored in this folder to be synchronized.

Synchronizing a Favorite Link

1. In ActiveSync on your desktop computer, click **Tools → Options**, and select **Favorite**. For more information on using ActiveSync, see ActiveSync Help.
2. In Internet Explorer on your desktop computer, save or move favorite links to the Mobile Favorites subfolder in the Favorites list. For more information on using Internet Explorer, see Internet Explorer Help on the desktop computer.
3. Connect your mobile device to your desktop computer. If synchronization does not start automatically, in ActiveSync on your desktop computer, click **Sync**.

Internet Explorer

Synchronizing a Mobile Favorite

1. In ActiveSync on your desktop computer, click **Tools → Options**, and select **Favorite**. For more information on using ActiveSync, see ActiveSync Help.

2. In Internet Explorer 5 or later versions, browse to the page you want to view offline.

3. Click **Tools → Create Mobile Favorite**.

4. To change the link name, enter a new name in the **Name** box.

5. In the **Update** box, select a desired update schedule to keep the page in the Mobile Favorites folder up to date. You can also update content by clicking **Tools → Synchronize** in Internet Explorer.

6. To save the link in a subfolder of Mobile Favorites, click **Create In** and select the desired subfolder.

7. Click **OK**. Internet Explorer will download the latest version of the page.

8. To download the pages that are linked to the mobile favorite you just created, in Internet Explorer on the desktop computer, right-click the mobile favorite and then click **Properties**. On the **Download** tab, specify the number of links deep you want to download. To conserve device memory, only go one level deep.

9. Connect your mobile device to your desktop computer. If synchronization between your device and desktop computer does not start, in ActiveSync on your desktop computer, click **Sync**.

14.3   Changing Settings

You can tap **View** on the main page of Internet Explorer to change the display settings.

You can also tap **Tools → Options** on the main page of Internet Explorer to custmize more settings.

Item	Description
General	Enables you to change the home page or the displayed language.
Memory	Enables you to set the period before clearing the visiting history, and delete temporary files.
Security	Enables you to accept or clear cookies, and send out a warning when visiting unsecure Web pages.

Chapter 15

Troubleshooting

Troubleshooting

15.1   Resetting the Pocket PC Phone

Occasionally, you may need to reset your Pocket PC Phone when your Pocket PC Phone stops responding (it appears to be "frozen" or "locked up").

1. Remove the miniSD card (if installed).

2. Use the stylus to press the Reset switch on the rear of your Pocket PC Phone.

15.2   Restoring Factory Defaults

In some cases, you may need to restore your Pocket PC to the factory default state by clearing the memory (RAM) from your Pocket PC Phone. For example, you should clear the memory:

■   When your Pocket PC Phone cannot be powered on, even if you remove and then re-install the battery.

■   When you forget your password.

■   When you want to remove the additional programs that you installed by yourself.

Before clearing the Pocket PC Phone memory and restoring the factory default state, make sure that you have copied your data to the desktop computer or miniSD card.

•   To restore the factory defaults, press the Power key, and at the same time, use the stylus to press the Reset switch. All data you have entered in SDRAM, including all files, system settings and additional programs you have installed, will be erased. You need to reinstall the additional programs.

•   Pressing the Power key, Reset switch and Talk key at the same time will restore the factory defaults, and clear the data and programs in SDRAM and NADA Flash ROM.You need to reinstall the additional programs.

15.3   Power Problems

Problem	Solution
The device cannot be powered on when using battery power.	The remaining battery power may be too low to run your S600. Connect the AC adapter to your S600 and to external AC power. Then, turn on your S600.
Battery runs out of power quickly.	You might be using your Pocket PC in a manner that drain power quickly. Use S600 with the AC power.
S600 keeps showing the low battery power messages.	Maker sure S600 is fully charged. In such case, back up your data, restore the device to the factory default state (see Section 15.1), and then fully charge the device. If the problem persists, send your S600 to the authorized dealer for inspection.
Battery does not work correctly.	When the battery fails to charge and discharge, and it is not man-made damage and still in the warranty period, send it to the authorized dealer for replacement.

15.4　Memory Problems

Problem	Solution
S600 sends out warnings of insufficient memory.	Please perform the following: ■ Delete files that you no longer need: tap ⧉ → **Programs** → **File Explorer**. ■ Delete programs that you no longer need: tap ⧉ → **Settings** → **System** → **Remove Programs**. ■ Adjust memory allocation: tap ⧉ → **Settings** → **System** → **Memory** → **Main**. ■ Delete all files and history in Internet Explorer: tap ⧉ → **Internet Explorer** → **Tools** → **Options** → **Memory**. ■ Stop running programs: tap ⧉ → **Settings** → **System** → **Memory** → **Running Programs**; or tap ⧉ on the Today screen. ■ Save data to a miniSD card.
How to find out the memory capacity after resetting?.	Tap ⧉ → **Settings** → **System** → **Memory** → **Main**.

15.5　Screen Problems

Problem	Solution
Screen is off.	■ Connect the AC adapter to your device and to external AC power. ■ Remove the battery and then reinstall it.
Screen responds slowly.	■ The battery power may be low. Connect the AC adapter to your device and to external AC power. ■ Probably too many programs are in use. Stop the running programs: tap ⧉ → **Settings** → **System** → **Memory** → **Running Programs**.
Screen is not clear or hard to read.	■ Turn on the backlight of the display. ■ Move to a location with enough light.
Inaccurate response to stylus taps.	Realign the touch screen: tap ⧉ → **Settings** → **System** → **Screen** → **Align Screen**.

15.6　Connection Problems

Problem	Solution
Synchronization to the desktop computer fails.	■ Make sure that you have installed the correct version of ActiveSync on your desktop computer. ActiveSync version 3.7 or later is recommended. ■ Make sure that the cable connection is correct. ■ Disconnect and then re-connect the cable. ■ Remove the driver for S600 and ActiveSync on the desktop computer, and then reinstall them. Do not connect the cable during ActiveSync installation.
Using infrared to beam information fails.	■ Transfer only one file, or no more than 25 contact cards, at a time. ■ When using IR, make sure nothing is between the two IR ports. ■ Adjust the room lighting or move to another location (some types of light interfere with beaming).

Problem	Solution
Network connection is not working properly.	■ If using an external modem, make sure that the modem is installed properly and the dial-up phone number is correct. ■ If using a network card, make sure that it is installed properly. ■ Make sure the network connection settings are correct: tap 🟦 → **Settings** → **Connections** → **Connections**. ■ Consult the network administrator if the user name and password are correct.
Connection to the desktop computer automatically disconnects.	Disconnect the USB cable from the desktop computer, and then re-connect it. Allow the desktop computer to find S600 again. If the network is still automatically disconnected, send S600 to an authorized dealer for inspection. If necessary, the dealer will update the firmware of S600 for you. Make sure to back up your data first because updating firmeare will restore the factory default state.
The device cannot receive various beamed information from other devices via infrared. Only contact information and picture exchange could work.	Infrared information exchange is mainly for contact information exchange with other mobile devices. Currently, most traditional mobile phones could only exchange contact information and group pictures. The resources and compatibility of information exchange with S600 is still limited. However, regarding data sharing and program installation, you can still make use of the connection to the desktop compouter.

15.7   Hardware Problems

Problem	Solution
What is the CPU and memory of S600?	The CPU of your device is Freescale iMX21 266MHz, with memory containing 128MB Flash ROM and 64MB SDRAM.
How to clean the camera lens?	There is an acrylic material protecting the camera lens inside. Therefore, you only need to clearn the external acrylic material.
What miniSD cards are compatible with S600?	S600 supports miniSD cards manufactured by SanDisk, KingMAX, Transcend, A-DaTa, and so on.
The infrared information exchange only applies to contact information and picture receipt?	Infrared information exchange is mainly for contact information exchange with other mobile devices. Currently, most traditional mobile phones could only exchange contact information and group pictures. The resources and compatibility of information exchange with S600 is still limited. S600 may often connect to the desktop computer using the USB cable for data sharing and program installation. Due to the above fact, the USB cable is supplied as a standard accessory for your use.

15.8   Software Problems

Problem	Solution
Is there a limit for assigning ring tone groups?	No, there is no such limit on your S600.
Does S600 supoport Java, Caller ID and Bluetooth?	1. Yes, Java (MIDP 2.0) is supported. 2. Yes, Caller ID is built-in on your device. 3. Yes, the device supports Bluetooth.
How to play back MPEG files from desktop computer on S600?	To play back MPEG files from the desktop computer, you need to use Microsoft codecs to transfer them for playback on S600.
How to use key words to find a contact?	Take "John" for example: enter **John**.
Cannot log in to MSN Messenger from S600?	If your device is not updated since October 15, 2003, you will need to updated the your device and MSN Messenger. Connect to Microsoft Web site for updates. After updating, press the Reset switch to complete the update procedure. Then restart S600 and log in to MSN Messenger.
How to copy MP3 files to S600?	You can copy files from the desktop computer to your S600 using ActiveSync. See ActivSync Help on the desktop computer.
How to set up the GPRS configuratoin on S600?	Tap 🎴 → **Settings** → **Connections** → **GPRS Auto Configuration**. Select **Auto Configuration**, select your mobile phone service provider, and then tap **OK**.
Why is it not working to copy data and MP3 files from the supplied miniSD card to a newly-purchased miniSD card?	You cannot copy files between two miniSD cards. Follow this procedure: 1. Format the new card. 2. Install ActiveSync using the supplied CD on the desktop computer. 3. Use ActiveSync to copy files from the supplied miniSD card to the desktop computer, and then copy those files from the desktop computer to the new card.
Some MP3 files cannot play back on S600?	Your S600 supports the standard MP3 format only. You need to purchase an audio format transfer program to transfer files using non-standard codecs.
S600 can send but cannot receive text messages.	There may be too many text messges stored in S600. Clear the non using text messages in S600 for receiving new text messages.
Why can't I use WMA files as the group ring tone?	Caller ID on S600 does not suppoort the WMA format. Use MID, WAV and MMF files.
How does S600 connect to the Internet via the desktop computer?	Connect to the desktop computer using the USB cable. In ActiveSync on the desktop computer, click **Tools** → **Options** → **Rules** → **Sharing connection resources**, and change the connection to Internet.
Failure occurs during program installation on S600.	The possible reasons are: 1. There is not enough memory. Delete the programs you no longer need. 2. There are some running programs.

Problem	Solution
S600 cannot switch to the GSM mode from the flight mode.	After switching to the flight mode, wait for 20 seconds to one minute before switching back to the GSM mode.
Can I save the text messages and contact information to a miniSD card?	Due to the limits of the operating system, you cannot save the text messages and contact information to a miniSD card.
Why can't I zoom in/out and change brightness when using the Camera/DV feature?	Please close the VideoCam application, and check if the zoom in/out keys and navigation keys are working normally. Note that the zoom in/out function is not available in DV mode.

15.9   Other Problems

Problem	Solution
Some peripheral devices are not compatible with S600.	Your S600 uses the new Windows Mobile 2003 Second Edition for Pocket PC Phone as the operating system. The drivers of some peripheral devices may not support the operating system. Contact the dealers of the peripheral devices to see if they can provide drivers supporting the operating system.
The programs are missing after remvoing the battery.	When you remove the battery for over five minutes or reset S600, it will restore the factory default state. All data stored in RAM will be erased. You are strongly recommended to back up your data regularly. You can use ActiveSync to back up data to the desktop computer (see Section 12.1), or use Backup to back up your data to a miniSD card (see Section 7.4).
S600 is broken, and I cannot access the data.	If S600 is broken and unable to restart, you have to restore it to the factory default state and all saved data will be lost. To protect the data on your S600 (including all files, system settings and additional programs), we strongly recommend you to back up your data regularly. You can use ActiveSync to back up data to the desktop computer (see Section 12.1), or use Backup to back up your data to a miniSD card (see Section 7.4).
S600 retains the contact information from the old SIM card after changing the SIM card.	S600 loads the contact information from the SIM card to S600. When changing the SIM card, S600 will compare the contact information of the new SIM card with the old one, and then remove the old information. Wait for about two minutes for the comparison and deletion to complete. Otherwise, the old contact information may not be deleted. In this case, insert another SIM card into S600. Turn the Pocet PC Phone on and wait for two minutes for S600 to load and update the contact information. Then replace the old SIM card and wait for two minutes for S600 to delete old contact information completely.

15.10 Appendix

FCC Regulations

This mobile phone 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.

This mobile phone 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 radiated radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.

- Increase the separation between the equipment and receiver.

- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

RF Exposure Information (SAR)

This model phone meets the government's requirements for exposure to radio waves.

This phone is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government.

The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6W/kg. *Tests for SAR are conducted using standard operating positions accepted by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the poser required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

The highest SAR value for the model phone as reported to the FCC when tested for use at the ear is 0.131W/kg for GSM850 / 0.117W/kg for PCS1900 and when worn on the body, as described in this user guide, is 0.528 W/kg GSM850 / 0.386 W/kg for PCS1900 (Body-worn measurements differ among phone models, depending upon available enhancements and FCC requirements).

While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement.

The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of http://www.fcc.gov/oet/fccid after searching on FCC ID: ESN-SP70B.

For body worn operation, this phone has been tested and meets the FCC RF exposure guidelines for use with an accessory that contains no metal and the positions the handset a minimum of 1.5 cm from the body. Use of other enhancements may not ensure compliance with FCC RF exposure guidelines. If you do no t use a body-worn accessory and are not holding the phone at the ear, position the handset a minimum of 1.5 cm from your body when the phone is switched on.

The SAR limit set by the FCC is 1.6W/kg; the highest SAR value for this product is 0.528W/Kg @1g.

WARNING: To reduce the influences of the radio waves, please use this product carefully and properly.

This product meets the government's requirements for exposure to radio waves.

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