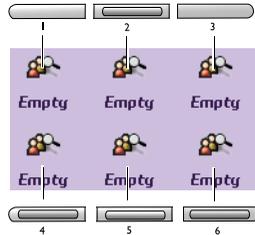


1. Press the  key to enter the Phone screen.
2. In the Phone screen, tap the  tab.
3. Press and hold a numeric key representing an empty speed dial on the keypad for about 3 seconds. The figure below shows the mapping of the keys and the speed dial.



4. A **Select contact** window will appear. Tap to select a contact and then tap the **Done** button.

Removing Speed Dial

1. Press the  key to enter the Phone screen.
2. Tap **Edit** and select **Remove speed dial**.
3. The **Remove speed dial** window will appear. Tap to select the speed dial numbers you want to remove and then tap the **Done** button.

Adding number to Contacts

1. Press the  key to enter the Phone screen.
2. Enter the phone number.
3. When finished, tap **Edit** and select **Add to contacts**.

Copying/Pasting Number

With this operation, you can copy the number you entered in the Phone screen for pasting onto other application programs, or copy the number in other application programs onto the Phone screen.

Copying number

1. Press the  key to enter the Phone screen.
2. Enter the phone number.
3. When finished, tap **Edit** and select **Copy number**.

Pasting number

1. Copy the phone number from other application programs.
2. Go to the Phone screen by pressing the  key.
3. Tap **Edit** and select **Paste number**.

Zoom

This operation enlarges the user interface on the screen for easier identification and access.

1. Press the  key to enter the Phone screen.
2. Tap **Edit** and select **Zoom**.

Adjusting Call Settings

You can access Call settings following either of the methods below:

- In the Phone screen, tap **Edit** and select **Call settings**.
- Go to Control panel by tapping the **Control panel** application program icon in the Main screen, and then tap **Call settings** on the **General** tab.

For more information about Call settings, see "Call Settings" on page 54.

Adjusting Sounds and Alerts

This operation allows you to customize the audio settings of your P31.

1. Press the  key to enter the Phone screen.
2. Tap **Edit** and select **Sounds and alerts**.
3. Tap to choose a profile from the **Profiles** menu.
4. Adjust sound settings by selecting a sound for each setting item (for example, ring tone, SMS sound, MMS sound..., etc.) from the menu, or select **Find sound** to locate a sound file in your P31.
5. Tap the **Save** button to save your settings for the selected profile, or the **Done** button to save and apply your settings.

Enabling/Disabling Automatic Key Lock

1. Press the  key to enter the Phone screen.
2. Tap **Edit** and select **Key lock**.
3. A Key lock box will appear. Tap to check/uncheck the **Enable automatic key lock** checkbox and then tap the **Done** button to enable/disable automatic key lock.

If automatic key lock is enabled, the keys on your P31 or buttons on the Phone screen will be locked if there is no key or button operation for 30 seconds.



You can also press and hold the  key in the Phone screen for about 3 seconds to enable key lock.

To disable key lock, press the  key, and then the  key.

Accessing Help

The Help system on your P31 provides you with instant information about how to use your P31.

To access Help:

1. Press the  key to enter the Phone screen.
2. Tap **Edit** and select **Help**.

5 Using the Application Programs

The Main Screen

The Main screen is where you can easily access the application programs in your P31 (e.g. Agenda, Contacts, Messaging, Web..., etc.).

- Tap the  icon on the Application shortcut bar, or press the  on your P31. All application program icons on your P31 are displayed. Tap an application program icon to open the application program it represents.
- You can also tap one of the icons at the top of the screen. These are shortcuts that are always visible. To customize your shortcuts, see "Setting Application Programs on the Application Shortcut Bar" on page 90.

If you have a lot of application programs on your P31, use folders to organize them in the Main screen. There are pre-set folders, such as Office (for business application programs) and Internet (for web-based application programs). To organize your application programs in folders, see "Grouping Application Programs" on page 90.

Your P31 Application Programs

Your P31 comes pre-installed with the following application programs:



Agenda

For organizing your personal appointments and events. See "Agenda" on page 33 for details.



Calculator

Your handy calculator for making calculations. See "Calculator" on page 35 for details.



Camcorder

Use this application program with the built-in camera for capturing still photos and video clips. See "Camcorder" on page 36 for details.



Contacts

For managing your contact records. Your contact database can also be used for making phone calls or sending Emails..., etc. See "Contacts" on page 41 for details.



Control panel

Allows you to setup the settings of your P31. See "Control Panel" on page 45 for details.



GPRS data log

For tracking your GPRS connection history. See "GPRS Data Log" on page 58 for details.



Internet

Allows you to surf the Internet and access various on-line information. See "Internet" on page 59 for details.



Jotter

A very useful program for jotting down memos. See "Jotter" on page 64 for details.



Message

For creating, sending and receiving messages. See "Message" on page 66 for details.



Music player

With this application program you can listen to music transferred from your PC or downloaded from the Internet. See "Music Player" on page 70 for details.



Online services

For accessing services of your network service provider. See "Online Services" on page 73 for details.



Phone

For using the phone functions. See "Using the Phone Functions" on page 25 for details.



PhotoBase

Allows you to view and edit images on your P31. See "PhotoBase" on page 74 for details.



Remote sync

For performing synchronization via remote connection. See "Performing Remote Synchronization with a Server" on page 99 for details.



Screen saver

For displaying the screen saver of your P31.



Time

For configuring time/date information and setting alarms. See "Time" on page 80 for details.



To do

For tracking your daily todo items. See "To Do" on page 82 for details.



Video player

For playing video clips captured by the built-in camera, transferred from your PC or downloaded from the Internet. See "Video Player" on page 84 for details.



Voice

For recording and playing voice notes. See "Voice" on page 86 for details.



Recon

With this application program you can use your PDA phone to remote control your home appliances such as TV, DVD player, Air Conditioner and so on.



Voice Command

This program allows you to control your PDA phone by voice. You can use voice to make a phone call, look up contact person's information or start a program.

Agenda

To open the Agenda application program, tap the **Agenda** icon in the Main screen.

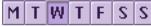
Creating New Agenda Entries

To create a new Agenda entry:

1. In the Agenda screen, tap **Agenda** and select **New**.
2. Tap **Unfiled** and select a folder where you want to store the new entry.
3. Enter the description of the entry and other necessary information.
4. Tap  to switch to the note page to write down your note for this entry (optional).
5. Tap the  button to save the entry.

Agenda Views

The Agenda screen provides different views:

- Tap  to change to Day view. Agenda entries appear as vertical bars. In Day view, tap a button on the  bar to go to a specific day in the week.



- Tap  to change to Week view. Agenda entries appear as vertical bars. In Week view, tap  or  to go to the previous or next week.



- Tap  to change to Month view. Agenda entries appear as squares. In Month view, tap  or  to go to the previous or next month.



- Tap  to go to the present day in different views.

Managing Agenda Entries

Finding an Entry

To find a specific Agenda entry:

1. In the Agenda screen, tap **Agenda** and select **Find**.

2. Enter the keyword and select **Everywhere**, **Future** or **Past** to select where to search.
3. Tap the **Find** button.
4. The entries that match your search keyword will appear on the screen. You can tap to select and open an entry.

Editing an Entry

1. Open an Agenda entry by tapping it in different views.
2. Make changes to the entry.
3. Tap the  button to save your changes.

Deleting an Entry

1. Open an Agenda entry by tapping it in different views.
2. Tap **Agenda** and select **Delete entry**.

Deleting Entries in a Period of Time

1. Open an Agenda entry by tapping it in different views.
2. Tap **Agenda** and select **Remove entries**.
3. Tap to select a removal range and then tap the **Done** button.

Moving an Agenda to the To do Application Program

1. Open an Agenda entry by tapping it in different views.
2. Tap **Agenda** and select **Move to To do**.
3. Tap the **Yes** button. The entry will appear in the To do application program.

Cutting, Copying or Pasting an Agenda Entry to the To do Application Program

1. Open an Agenda entry by tapping it in different views.

2. Tap **Edit** and select **Cut entry** or **Copy entry**.
3. Open the To do application program.
4. Tap **Edit** and then select **Paste entry**.

Managing Agenda Folders

1. In the Agenda screen, tap **All** and select **Edit folders**.

2. You can:

- Tap the **Add** button to create a new folder. You will then be asked to enter a name and specify a color for the entries that belong to the new folder. When finished, tap the **Done** button.
- Tap to select a folder in the list and then tap the **Delete** button to delete the selected folder.
- Tap the **Edit** button to edit selected folder. Make changes and then tap the **Done** button.

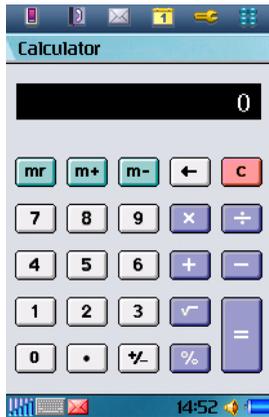
Setting up Agenda Preferences

To access Agenda preferences:

1. In the Agenda screen, tap **Edit** and select **Preferences**.
2. The Agenda preferences window will appear. Set up the options on the **General** and **Alarm** tabs.
3. Tap the **Done** button.

Calculator

You can turn your P31 into a handy calculator with the Calculator application program.



To perform calculations, tap the numeric and operative buttons on the Calculator screen, and then tap the  button to display calculation result.

You can tap Calculator and then select **Copy** or **Paste** to copy a value from or paste it to other application programs.

There are several additional buttons on the Calculator screen:

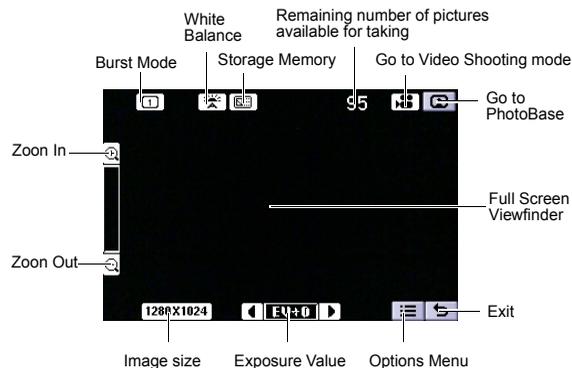
Button	Description
	<ul style="list-style-type: none">• Tap this button for the first time to get a value from the calculator memory.• Tap it for a second time to clear the calculator memory.
	<ul style="list-style-type: none">• Tap this button to save an entered value to calculator memory.• When there is already a value on the screen, tap this button to add it to the value in the memory.
	Tap this button to remove the entered value from that in the calculator memory.
	Tap this button to delete the last digit you entered.
	Tap this button to reset the value on the screen to 0.

Camcorder

With the built-in camera and the Camcorder application program, you can take still pictures, capture video clips for viewing on P31 or sharing them with your friends or family by sending them via MMS messages or transferring them to PC.

Taking Still Pictures

1. Press the Camcorder key. The Camcorder application program will open automatically as below shows.



2. Preview the image using the viewfinder. You can also tap the  (or press the  key) or  button (or press the  key) to zoom in or out on the object.
3. Tap the “Options Menu” icon  to set your desired camcorder settings.

4. Press the Camcorder key and the still image will be captured and saved.



You can use the 10-second self-timer by tapping Camcorder and select Self timer.



- When the image is being saved, the buttons on the screen will become unavailable temporarily.
 - When the Camcorder key is pressed while taking a picture, a shutter sound will be generated, even if you have put P31 in Silent mode.
5. The picture you just took will appear in the viewfinder as follow shows.



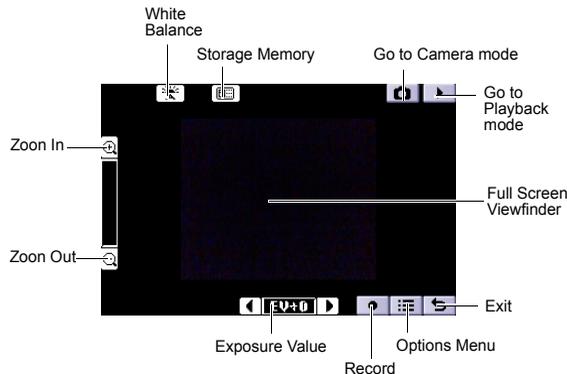
You can:

- Tap the  button to delete the picture.
- Tap the  button to send the picture. Select from the following and then tap the **Done** button:

- **MMS**: send the picture to another mobile phone as an MMS attachment. The MMS message screen will follow for you to compose the message.
- **Bluetooth**: send the picture to other devices that support Bluetooth technology. A box will appear showing found paired devices. Tap to select a device and then tap the **Send** button.
- **IR**: send the picture to other devices that support infrared connection. Align the infrared port of your P31 with that of the device and then tap the **Send** button.
- Tap the  button to rename the picture.
- Tap the  button to view the picture in the PhotoBase application program.
- Tap the  button to exit.

Capturing Video

1. Press the Camcorder key. The Camcorder application program will open automatically.



2. Preview the image using the viewfinder. You can also tap the  (or press the  key) or  button (or press the  key) to zoom in or out on the object.



- **It is recommended that you tap the  button once to zoom in on the image one level to get better video quality.**
 - **Try to keep the distance between the sound source and the microphone of P31 within about 10 ~ 15 cm in order to obtain better sound recording quality.**
3. Tap the “Record”  button (or press the  key) to start capturing video.



4. When capturing is in progress, you can perform the following operations:
 - Tap the  button (or press the  key) to pause capturing. Tap (press) the button (key) again to resume capturing.

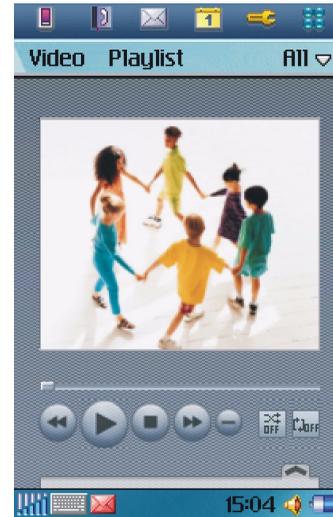
- Tap the  button (or press the  key) to zoom in on the image.
- Tap the  button (or press the  key) to zoom out on the image.
- Tap the  button to stop capturing. The video clip will be saved.



 **When the video clip is being saved, the buttons on the screen will become unavailable temporarily.**

- Tap the  button to exit without saving.
5. Next, you can perform the following operations:
- Tap the  button to delete the video clip.
 - Tap the  button to send the video clip. Select from the following and then tap the **Done** button:
 - **MMS:** Send the video clip to another mobile phone as an MMS attachment. The MMS message screen will follow for you to compose the message.

- **Bluetooth:** Send the video clip to other devices that support Bluetooth technology. A box will appear showing found paired devices. Tap to select a device and then tap the **Send** button.
- **IR:** Send the video clip to other devices that support infrared connection. Align the infrared port of your P31 with that of the device and then tap the **Send** button.
- Tap the  button to rename the video clip.
- Tap the  button to play the video clip as below shows.

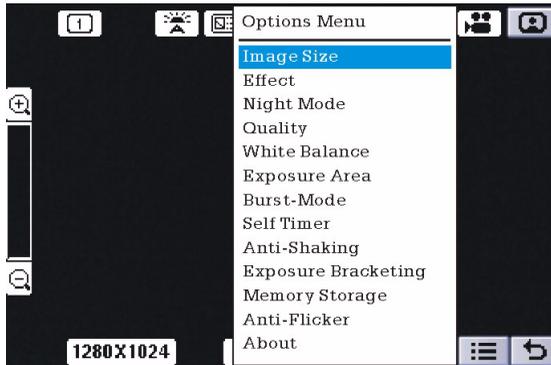


- Tap the  button to exit without saving.

Camera Options When Taking Pictures and Capturing Video

Image Settings

When taking pictures, you can choose to set different camera settings for better effect. Tap the “Options Menu” icon  to set your desired camcorder settings and tap an item in the pop-up options menu to configure its corresponding settings:

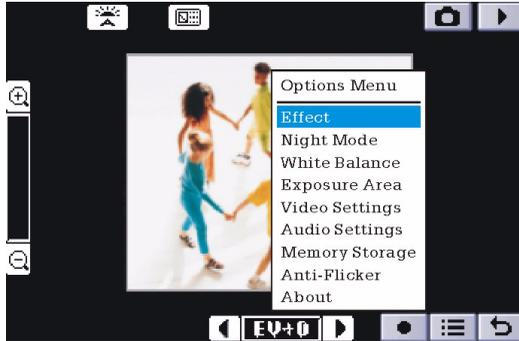


- **Image size:** Tap to select a suitable image size. Larger image size and higher image quality will result in larger picture files.
- **Effect:** Tap to select different image effect such as normal, mono, Sepia, Blush and Negative.
- **Night Mode:** Tap to set the night mode on or off.
- **Quality:** Tap to select a suitable image quality. Higher image quality will result in larger picture files.
- **White Balance mode:** According to the lighting conditions, tap to select a mode from the drop-down list.

- **Exposure Area:** Tap to select different exposure area. There are four items for you to choose: Full, Center Half, Center Quarter and Bottom Two-Thirds.
- **Burst-Mode:** Tap to set the burst-mode on or off. If you set the burst-mode on, there are three burst-mode for you to choose: 6 Multishot, 9 Multishot and 16 Multishot.
- **Self-Timer:** When taking pictures, you can enable the 10-second self-timer by setting Self timer on.
- **Anti-Shaking:** Your PDA phone supports anti-shaking function when taking pictures. Tap this item to set this function on or off.
- **Exposure Bracketing:** This item allows you to set Exposure Bracketing function on or off. Exposure Bracketing is a function used to take a series of images of the same scene at a variety of different exposures.
- **Memory Storage:** Tap to select a default storage location (SD/MMC memory or phone memory), filename and size mode for pictures.
- **Anti-Flicker:** Used to eliminate the flickering effects resulting from fluorescent lights. Tap to select a suitable frequency from the drop-down list.
- **About:** Tap to see more information about the camcorder.

Video Settings

When capturing video, you can choose to set different camera settings for better effect. Tap the “Options Menu” icon  to set your desired camcorder settings and tap an item in the pop-up options menu configure its corresponding settings:



- **Effect:** Tap to select different image effect such as normal, mono, Sepia, Blush and Negative.
- **Night Mode:** Tap to set the night mode on or off.
- **White Balance mode:** According to the lighting conditions, tap to select a mode from the drop-down list.
- **Exposure Area:** Tap to select different exposure area. There are four items for you to choose: Full, Center Half, Center Quarter and Bottom Two-Thirds.
- **Video Settings:** Tap to select a suitable video format and quality. The higher the video quality, the larger the size of the recorded video clip.
- **Audio Settings:** Tap to turn on/off the audio for the video clips and select a suitable audio format and quality. The higher the audio quality, the larger the size of the recorded video clip.

- **Memory Storage:** Tap to select a default storage location (SD/MMC memory or phone memory), filename and size mode (for displaying under the viewfinder when capturing video) for video clips.
- **Anti-Flicker:** Used to eliminate the flickering effects resulting from fluorescent lights. Tap to select a suitable frequency from the drop-down list.
- **About:** Tap to see more information about the camcorder.

-  • When size mode is set to "MMS", the maximum video size is 95KB.
- When size mode is set to "Maximum available memory", all free memory space will be used for recording. (Max. 60MB)
- When size mode is set to "In seconds", the maximum length of video can be specified. (Max. 300 seconds)
- When size mode is set to "In KB", the maximum size of video can be specified. (Max. 1024KB)
-  It is recommended that you save the images/video to the memory card to prevent phone memory from running low.
- Tap **Done** to confirm your settings, or **Default** to reset all camera settings to default values. Tap **Cancel** to exit the camera settings screen.
-  It is recommended that when you finish using the Camcorder application program, tap Camcorder and select Exit to close it in order to save memory space.

Contacts

With the Contact application program, you can easily manage your contact records. In addition to just carrying and viewing these records, you can also quickly make phone calls, send messages/Email and open web pages thanks to the integration with other application programs.

Creating a New Contact

Creating a New Contact from the Phone Screen

See "Adding number to Contacts" on page 29 for more information.

Creating a New Contact from the Contacts Screen

1. In the Contacts screen, tap **Contact** and select **New**.
2. Tap **Unfiled** and select a folder where you want to place this contact.
3. Enter contact information.



You can specify a ring tone for the contact by selecting a ring tone from the Ring tone drop-down menu.



The personalized ring tone will only be played if your phone network is CLI (Calling Line Identity) compatible, so the caller can be identified. Otherwise, the default ring tone will be used, regardless of your selection of ring tone.

4. (Optional) Tap the  tab to enter your note for this contact.
5. (Optional) Tap the  tab to specify a picture for this contact.
Tap the  icon to open a box where you can browse and select a picture.
6. (Optional) Tap the  button to add a voice tag for this contact for using voice dialing.

To add a voice tag, tap **Record** and speak after the beep. When done, tap **Done**. You can also tap **Play** to play the voice tag you just recorded, or **Del** to delete the voice tag.



To prevent failure when recording the voice tag, it is recommended that you do so in a quiet location.

7. Tap the  button to save the contact.

Importing Contacts from a SIM Card

1. Make sure that the SIM card is installed on your P31.
2. In the Contact screen, tap **All** and select **SIM card**.
3. Tap **Edit** and select **Copy all to contacts**.
4. In the box that follows, tap the **Yes** button.

Exporting Contacts to a SIM Card

1. Make sure that the SIM card is installed on your P31.
2. In the Contacts screen, tap to select a folder that contains the contact you want to export.
3. Tap to open the contact from the list.
4. Tap **Edit** and select **Copy to SIM card**.

Viewing Contacts

The Contact screen displays all contacts in your P31. You can also tap a tab below to view only the contacts that begin with the letters on the tab.

To view the detail information of a contact, tap a contact on the screen.



You can:

- Tap the  icon,  icon or the phone number to make a call to the person.
- Tap the  icon or the mobile phone number to start composing a new SMS message for the person.
- Tap the  icon or the mobile phone number to start composing a new MMS message for the person.
- Tap the  icon or the mail address to start composing a new Email for the person.
- Tap the  icon or the web address to open the web page in the Internet application program.

Managing Contacts Folders

1. In the Contacts screen, tap **All** and select **Edit folders**.

2. You can:

- Tap the **Add** button to create a new folder. You will then be asked to enter a name for the new folder. When finished, tap the **Done** button.
- Tap to select a folder on the list and then tap the **Delete** button to delete the selected folder.
- Tap the **Rename** button to change the name of the selected folder. Make changes and then tap the **Done** button.

Managing Contacts

Finding a Contact

1. In the Contacts screen, tap **Contacts** and select **Find**.
2. Enter the search keyword and specify where in Contacts will be searched (**in all fields** or **in Names and Company**).
3. Tap the **Find** button.
4. The contacts that match your search keyword will appear on the screen. You can tap to select and open a contact.

Editing a Contact

1. Open a contact.
2. Tap **Edit** and select **Edit contact**.
3. Make changes to the contact information.
4. Tap the  button.

Deleting a Contact

Method 1

1. Open a contact.
2. Tap **Contacts** and select **Delete contact**.

Method 2

1. In the Contacts screen, tap **Contacts** and select **Contacts manager**.
2. Tap to select a folder that contains the contact you want to edit from the **Folder** drop-down list.
3. In the box below, tap to check the contact(s) you want to edit. You can also tap the **Select all** checkbox to select all contacts in the selected folder.
4. Tap the **Delete** button, and then the **Yes** button in the box that follows.
5. Tap the **Done** button.

Copying Contacts

1. Open a contact.
2. Tap **Edit** and select **Copy contact**.

Pasting Contacts

In the Contacts screen, tap **Edit** and select **Paste contact**.

Moving Contacts to a Different Folder

1. In the Contacts screen, tap **Contacts** and select **Contacts manager**.
2. Tap to select a folder that contains the contact you want to move from the **Folder** drop-down list.
3. Tap to check the contact(s) you want to move. You can also tap the **Select all** checkbox to select all contacts in the selected folder.
4. Tap the **Move** button, and then tap to select the folder where the contact(s) will be moved in the **Folder** drop-down list in the box that follows.

5. Tap the **Move** button. You can also tap the **Folder** button to create a new folder.

Sending Contacts

Sending a Contact

1. Open a contact.
2. Tap **Contacts** and select **Send as**.
3. Select from the following and then tap the **Done** button:
 - **SMS**: Send the contact to another mobile phone via an SMS message. Enter the number of the recipient and then tap the **Send** button.
 - **MMS**: Send the contact to another mobile phone as an MMS attachment. The MMS message screen will follow for you to compose the message.
 - **Bluetooth**: Send the contact to other devices that support Bluetooth technology. A box will appear showing found paired devices. Tap to select a device and then tap the **Send** button.
 - **IR**: Send the contact to other devices that support infrared connection. Align the infrared port of your P31 with that of the device and then tap the **Send** button.

Sending Multiple Contacts

1. In the Contacts screen, tap **Contacts** and select **Contacts manager**.
2. Tap to select a folder that contains the contacts you want to edit from the **Folder** drop-down list.
3. Tap to check the contact(s) you want to send. You can also tap the **Select all** checkbox to select all contacts in the selected folder.
4. Tap the **Send** button.

5. Perform the same operation as described in step 3 in "Sending a Contact" on page 43.

Sending All Contacts in a Folder

1. In the Contacts screen, tap **All** and select a folder.
2. Tap **Contacts** and select **Send this folder**.
3. Perform the same operation as described in step 3 in "Sending a Contact" on page 43.

Owner Card

The owner card is your electronic name card. Once created, you can exchange it freely with other people.

Creating Your Owner Card

Method 1

1. In the Contacts screen, tap **Contact** and select **New**.
2. Enter your personal data.
3. Tap **Contacts** and select **Set as owner card**.
4. Tap the  button.

Method 2

1. Open a contact.
2. Tap **Contacts** and select **Set as owner card**.

Sending Owner Card

1. In the Contacts screen, tap **Contact** and select **Send owner card**.
2. Perform the same operation as described in step 3 in "Sending a Contact" on page 43.

Editing Owner Card

1. In the Contacts screen, tap **Contact** and select **View owner card**.
2. Perform the same operation as described in "Editing a Contact" on page 42.

Contacts Preferences

1. In the Contacts screen, tap **Edit** and select **Preferences**.
2. In the box that follows, tap to select a method by which the Contacts application program sorts your contacts.
3. If you want the preferred phone number to appear next to the contact name when viewing, tap the **Show preferred phone number** checkbox. If this option is selected and no preferred number is specified, the first phone number in the contact will be used as the preferred number.
4. Tap the **Done** button.

Specifying Preferred Phone Number for Contacts

1. Open a contact.
2. Tap **Edit** and then select **Edit contact**.
3. Tap **Edit** and then select **Show in list**.
4. Tap to select a preferred number from the drop-down menu.
5. Tap the **Done** button.

Control Panel

The Control panel is a list of all settings sorted into groups. By adjusting these settings, you can control the behavior of your P31. Grouping the settings allows you to find a setting quickly if you want to adjust it.

To change the group to which a setting is assigned:

1. Tap **Control panel** and select **Set groups**.
2. Tap the name of the setting in the list.
3. Tap the **Group** drop-down menu in the box that appears and select a new group.
4. Tap **Done**.

Device Settings

Certificate Manager

Digital certificates ensure that the web or WAP pages you visit, or any software you install, really are created by the person you expect.

Certificates may be present on the pages that you view or the software that you download. Your P31 compares these certificates with a set of certificates that's stored in Certificate manager to ensure the authenticity of the page or software. If the certificates don't match, your P31 informs you, and allows you to:

- Prevent the page being loaded or the software being installed, or
- Continue at your own risk

The certificates on your P31 have been created and issued by an independent organization to ensure their authenticity.

Security Information

Security information is displayed when Certificate manager can't be sure of the origin of the page or software. For example, security information will be displayed if:

- The certificate on a page has expired
 - The identity of a software manufacturer can't be verified
- Security information is also displayed when a certificate on your P31:
- Has expired
 - Has been revoked by the independent organization that issued it

Adding and Removing Certificates

Your P31 handles certificates automatically so, most of the time, you can browse the Internet securely without using Certificate manager. If you do need to add or remove a certificate, you will usually be informed by your network operator or system administrator. You should remove a certificate from Certificate manager if you are informed, or suspect, that the certificate:

- Does not belong to the person who supplied it
- Was issued incorrectly by the independent organization that created it

Type of Certificate

The type can be either Certificate Authority or User.

- Certificate Authority certificates contain server details. This type of certificate is handled by your P31 when the server only requires server authentication. This means that your identity remains anonymous.
- User certificate contains your identity. This type of certificate is used when the server asks for client authentication. The client

application program requests you to identify yourself by choosing a user certificate.

Format Disk

When you format a disk, you delete all the information on it, including any application programs that you've installed.

Your P31 comes with 1 primary disk, which is displayed here. Any memory card that you install in your P31 are also displayed.

Renaming a Disk

You can rename a disk to give it a more meaningful name.

1. Tap to select a disk you want to rename from the **Disk** drop-down menu and then tap **Rename**.
2. Enter the new name and then tap **Done**.

Formatting a Disk

You can use this function to format a newly purchased memory card for use with P31, or delete all data on the card at once. To format a disk:

1. Tap to select a disk you want to format from the **Disk** drop-down menu and then tap **Format**.
2. Tap **Yes**.
3. The formatting progress starts. Wait until the formatting is carried out completely.

 **When formatting a memory card, do not remove it during the process, otherwise the card or data will be damaged.**

Language

Selects the system language on your P31. To do so, tap to select a language and then tap **Done**. You need to power off P31 and then turn it back on for the change to take effect.

Depending on the region-specific configuration, you may also delete some user-installed languages to conserve memory space. To do so, tap to select a language and then tap **Delete**.

Master Reset

Use Master reset to reset all the settings in your P31 to the way they were after initial setup. If you want to keep installed application programs, uncheck the **Delete user installed applications** check box.

 **All user data, as well as pre-installed media files and application program data files will be deleted and all settings will be set to the state they were, when P31 was originally delivered.**

Power and Screen Saver

By default, your P31 will display the screensaver if there is no key or touch screen operation for 2 minutes. 3 minutes after the screensaver is displayed, P31 will turn off the screen and enter power save mode automatically.

In power save mode, P31 can be waken automatically by an incoming call. You can also wake P31 up by pressing the  key.

Power

- **External power:** this is to present an external power supply to your P31.
- **Temperature:** a reference value of the temperature of the battery.
- **Main battery:** a reference percentage of the remaining power of the battery.
- **Auto power save:** you can choose a time to manage your P31 to auto enter power save mode after the inactive time period. This mode is used to be more power efficient. To wake up your P31, press the .

When your P31 is low on battery power, a message to warn you will pop up. You can tap **Yes** to power off immediately or **No** to have your program or data closed gracefully. It is suggested that

you plug the external power at this moment, because P31 will be automatically powered off at further low battery level.

Screen saver

- **Screen saver:** you can use the default screen saver setting or browse an image to enable screen saver. Choosing **None** will disable screen saver.
- **Activate after:** you can choose a time to enable your screen saver after the time period. You can disable your screen saver by tapping the screen or pressing a key on the keypad.

Screen

Occasionally you may find that you tap one object (e.g. a button or menu option) but another is activated, or nothing happens at all. Calibrating the screen ensures that the correct object is activated. Tap **Calibrate** and follow the on-screen instructions to calibrate the screen.

To adjust screen brightness, tap and drag the **Brightness** slider.

Storage Manager

With Storage manager you can do the following:

Managing files

1. In the Storage manager screen, tap **Files**.
2. Select from the **Location** and **Type** drop-down menus to locate the files in the **File** box below.
3. Tap the checkbox beside each file to select the file. You can select multiple files.
4. Tap **Copy** to copy the selected file to another location, or **Delete** to delete the file from memory.

Uninstalling programs

1. In the Storage manager screen, tap **Uninstall**.

2. Tap to select a program you want to remove from P31 and then tap **Uninstall**.

Text Input

There are two ways of entering text into your P31:

- **The smARTwriter handwriting recognition system:** your pen strokes on the screen are converted to individual letters, numbers, or other characters.
- **The virtual keyboard:** you can “type” text by tapping the “keys”. The method that you select here is enabled automatically when you need to enter text into your P31. If you load other text input software, select it and adjust its settings here.

Setting up smARTwriter

You can change the setting of the smARTwriter handwriting recognition system according to your writing habits. That is, you can “train” smARTwriter to improve the accuracy of recognition.

1. In the Text input setup box, select **smARTwriter** from the **Primary input method** drop-down menu and then tap **Setup**.
 2. Configure the following options:
 - **Line color:** for selecting the color of pen strokes on the screen.
 - **Line thickness:** for selecting the thickness of pen strokes on the screen.
 - **Timeout:** for specifying the time between you finish writing and smARTwriter starts recognizing.
 - **Add space:** check this checkbox if you want smARTwriter to automatically add a space after each word.
 - **Personalize:** tap this button to open the **Personalize** screen that contains two tabs: the **Personalize** tab and the **Browse** tab.
- #### **Creating Personalized Writing Models**
1. In the **Personalize** tab, select a character set and character from the **Set** and **Character** drop-down menus.

2. Write the character in your own way in the **Write a** box.

3. Tap **Save**.

In the **Browse** tab you can browse the preset handwriting models.

User Profiles

You can personalize how your P31 looks and sounds by configuring and applying user profiles. A user profile is a combination of user settings, including sound settings, display theme settings and appearance settings. You can also set up different profiles for use in different occasions.

To customize a user profile:

1. Tap to select a profile from the **Profiles** drop-down menu.
2. Specify the settings by selecting options in drop-down menus.



You can tap the  icon to listen to the sound.

Changing Themes

To select a display theme, tap **Apply Theme** and select a theme from the dialog box that follows and then tap **Select**.

Changing Appearance

To select a different picture as the background image of the Main screen, tap **Apply Appearance** and then select **Find image** in the **Background** drop-down menu. A new dialog box will follow allowing you to select an image. Tap to select a desired image and then tap **Select, Done**.



You can also drag the slider beside the image to change its size on the screen, or tap the **Tile** checkbox to tile smaller images on the screen.

3. Tap **Save** to save, or **Done** to save and apply current profile settings.

WIM PIN Settings

WIM is used for performing security functions, especially to store and process information needed for user identification and authentication. I.e. it's a tamper-resistant store for private keys, certificates and other objects that may require a PIN for access or modification.

You can select a PIN from the **PIN** choice list. The WIM objects list changes content dynamically, displaying only the keys that are protected by the selected PIN and also have an associated certificate. Other keys that are protected by the selected PIN but don't have an associated certificate are not shown in the WIM object list.

You can change status of a PIN:

- **Enable PIN:** A PIN code that is enabled is requested for authorization of an operation. To proceed with the operation you must enter the PIN code.
- **Disable PIN:** A PIN code that is disabled is not requested to authorize an operation to proceed.

You can change the PIN code:

- Select the PIN you want to change and tap **Change PIN**.
- If a PIN code has been blocked, you must unblock it before it can be used again. Select the PIN you want to change and tap **Change PIN**.



For information on how to unblock the PIN, please consult your network service provider.

Connection Settings

Bluetooth

See "Bluetooth Connection" on page 93.

Flight Mode

The Flight mode is used where mobile phones and Bluetooth wireless functions are not allowed. To immediately activate Flight mode, tap the **Flight mode now** button.

You can also check or uncheck the checkbox in the dialog to determine if you want P31 to prompt you with the Power menu when you press the power key.

GSM Networks

Like any mobile phone, your P31 connects to a “network”, which is the path that carries your phone calls, messages, web pages, and Emails. P31 is designed to use with the GSM and GPRS networks.

When you make a phone call, your P31 uses GSM. When you connect to the Internet, your P31 uses either GSM or GPRS depending on the type of Internet account that you select. Dial-up and high-speed dial-up Internet accounts connect to the GSM network. GPRS Internet accounts connect to the GPRS network.

When you send or receive SMS messages, your P31 can use either GPRS or GSM, and, if there is no coverage with one network, it can automatically switch to the other.

The GSM networks setting enables you to select an appropriate network manually if you want to change the network you are connected to, and set up a preferred list of networks. The network and band selections must be supported by your network service provider.

Changing Network Search Mode

Tap the **Search mode** tab and select **Automatic** or **Manual**. If **Manual** is selected, P31 will list all of the networks found for you to choose from.

Selecting Another Network

Tap the **Search mode** tab and select **Manual**. P31 will scan all available networks and show them in a dialog box for you to choose from.

 **Not all of the networks listed may be available to you. Please refer to your network service provider for further details.**

Creating a Preferred Network List

1. Tap the **Preferred list** tab and then the **Add network** button.
2. Tap to select a network from the list.
3. Select a position (priority) of the network in the preferred network list.
4. Tap **Done**.

 **Please consult your network service provider for availability and further details about the preferred network list function.**

Infrared

See "Infrared Connection" on page 93.

Internet Accounts

With access to the Internet you can use Email and connect to the web. You can create 2 types of Internet accounts depending on your ISP and the type of network you have access to:

- **Dial-up account:** this is indicated by the  icon. With a dial-up account, you are charged for the length of time that you're connected to the Internet.
- **GPRS account:** this is indicated by the  icon. With a GPRS account, you are charged for the amount of information you view, download, or send when you're connected to the Internet. GPRS accounts have -GPRS appended to their name.

Creating New Internet Accounts

You can manually set up the Internet account, or ask your service provider to send you a message that contains the required setup information and creates the account automatically on your P31.

To manually set up an Internet account:

1. Tap **New** on the **Accounts** tab.
2. Enter the name of the connection in the **Account name** field.
3. Select a connection type from the **Connection type** drop-down menu.

Have the following data ready from your network service provider:

Connection type	Setting	Parameter
GPRS connection	Server	<ul style="list-style-type: none"> • <input type="checkbox"/> User name and password required: User name: _____ Password: _____ APN Address: _____
	Log in	<ul style="list-style-type: none"> • <input type="checkbox"/> Get IP address automatically • <input type="checkbox"/> Manually setup IP address: Type: <input type="checkbox"/> IPv4 <input type="checkbox"/> IPv6 <input type="checkbox"/> IPv4 compatible <input type="checkbox"/> IPv4 mapped IP address: ____ . ____ . ____ . ____
	Proxy	<ul style="list-style-type: none"> • <input type="checkbox"/> Use proxy server Server address: _____ Proxy server port: _____ Proxy exceptions: _____

GPRS connection	Other	<input type="checkbox"/> Enable PPP extension <input type="checkbox"/> Plain text authentication
	QoS	<input type="checkbox"/> Header compression Precedence <input type="checkbox"/> Subscribed <input type="checkbox"/> High <input type="checkbox"/> Normal <input type="checkbox"/> Low Delay <input type="checkbox"/> Subscribed <input type="checkbox"/> Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> Best effort Reliability <input type="checkbox"/> Subscribed <input type="checkbox"/> Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> Class 4 <input type="checkbox"/> Class 5 Peak rate <input type="checkbox"/> Subscribed <input type="checkbox"/> Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> Class 4 <input type="checkbox"/> Class 5 <input type="checkbox"/> Class 6 <input type="checkbox"/> Class 7 <input type="checkbox"/> Class 8 <input type="checkbox"/> Class 9 Peak rate <input type="checkbox"/> Subscribed <input type="checkbox"/> Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> Class 4 <input type="checkbox"/> Class 5 <input type="checkbox"/> Class 6 <input type="checkbox"/> Class 7 <input type="checkbox"/> Class 8 <input type="checkbox"/> Class 9 <input type="checkbox"/> Class 10 <input type="checkbox"/> Class 11 <input type="checkbox"/> Class 12 <input type="checkbox"/> Class 13 <input type="checkbox"/> Class 14 <input type="checkbox"/> Class 15 <input type="checkbox"/> Class 16 <input type="checkbox"/> Class 17 <input type="checkbox"/> Class 18 <input type="checkbox"/> Best effort

Dial-up connection	Log in	<ul style="list-style-type: none"> • <input type="checkbox"/> Get IP address automatically • <input type="checkbox"/> Manually setup IP address: Type: <input type="checkbox"/> IPv4 <input type="checkbox"/> IPv6 <input type="checkbox"/> IPv4 compatible <input type="checkbox"/> IPv4 mapped IP address: ____ . ____ . ____ . ____ • <input type="checkbox"/> Get DNS address automatically • <input type="checkbox"/> Manually setup DNS: Type: <input type="checkbox"/> IPv4 <input type="checkbox"/> IPv6 <input type="checkbox"/> IPv4 compatible <input type="checkbox"/> IPv4 mapped Primary DNS address: ____ . ____ . ____ . ____ Secondary DNS address: ____ . ____ . ____ . ____
	Script	<ul style="list-style-type: none"> • <input type="checkbox"/> Use log in script • <input type="checkbox"/> Plain text authentication • <input type="checkbox"/> Post connect terminal Script: _____
	Proxy	<ul style="list-style-type: none"> • <input type="checkbox"/> Use proxy server Server address: _____ Proxy server port: _____ Proxy exceptions: _____
	Speed	<ul style="list-style-type: none"> • Connection type: <input type="checkbox"/> Analogue <input type="checkbox"/> ISDN

4. Set up the settings according to the data from your network service provider.

5. Tap **Done**.

Editing Internet Accounts

1. In the **Accounts** tab, tap to select an account.
2. Tap **Edit**.
3. Edit the settings of the selected account.
4. Tap **Done**.

Deleting Internet Accounts

1. In the **Accounts** tab, tap to select an account.
2. Tap **Delete, Yes**.

IP Security Manager

The IP security manager displays stored policies and only one policy can be activated at a time. There are two types of passwords needed:

- **IP security password:** is to be set when installing the very first policy, i.e. this password is only set once, but it is possible to change it later at any time by tapping Password button.
- **Import password:** is needed when installing a policy and the supplier of the policy gives this.

Messaging Accounts

Messaging accounts contain various settings for using Email, SMS, MMS and Cell Broadcast services. These accounts must be properly set up before the services can be used.

Cell Broadcast messages are the general messages that your network service provider broadcasts to all subscribers in a particular area. These messages are broadcast in numbered channels. For example, channel 30 might be for local weather, 60 for traffic reports, 80 for information of local hospitals, taxis, pharmacies, etc.

 **Please contact your operator for a list of available channels and the information they provide.**

Manually Set up Messaging Accounts

1. Have the account data ready from your network service provider.
2. Set up the settings on each tab according to the data.
3. Tap **Done**.

Email account data

Tab	Parameter
Basic	<ul style="list-style-type: none">• Account name: _____• Your name: _____• Email address: _____• Connection type: <input type="checkbox"/> POP3 <input type="checkbox"/> IMAP• Internet account: (Select an Internet account for use with Email transmission)
Inbox	<ul style="list-style-type: none">• User name: _____• Password: _____• Incoming server address: _____• Download: <input type="checkbox"/> Just headers <input type="checkbox"/> Email smaller than <input type="checkbox"/> No restrictions (Select whether you want to download the headers only or the entire message, as well as the limit of Email size when receiving Email.)• Smaller than: _____ KB (Limit of the maximum mail size. Only available when "Email smaller than" is selected above.)• Schedule (For setting up a schedule for checking new Email).

Outbox	<ul style="list-style-type: none"> • Outgoing server address: _____ • <input type="checkbox"/> Use SMTP authentication • <input type="checkbox"/> Use Inbox login details: User name: _____ Password: _____
Advanced	<ul style="list-style-type: none"> • <input type="checkbox"/> Secure connection • Outgoing mail port: _____ • <input type="checkbox"/> Use MME encoding • Incoming mail port: _____ • <input type="checkbox"/> Secure password authentication

SMS account data

- SMS Service centre address: _____
- Character set: 7bit UCS2
- Message stored for: 1 hour 6 hours 1 day 7 days
 Maximum
- Connection type: GPRS only GSM only
- Delivery report
- Use reply path

MMS account data

- MMS Gateway: _____
- Messages valid for: 1 hour 6 hours 1 day 7 days
 Maximum
- Transport: WAP HTTP
- Internet account (Only available when HTTP is selected in Transport): (Select an Internet account for use with MMS transmission).

- WAP account (Only available when WAP is selected in Transport): (Select a WAP account for use with MMS transmission).

Cell Broadcasting Message setting

1. Tap the **Enable cell broadcast** checkbox on the **CBM** tab to enable the reception of Cell Broadcasting messages.
2. Tap **New** and select a channel from the dialog box that appears, and then tap **OK**.

To delete a channel, tap a channel and tap **Delete, Yes**.

USB Cable

You can use this option to set up the cable connection mode between P31 and PC.

- **PC Connect:** select this item before connecting P31 to your PC and using the Handset Manager to perform synchronization and backup/restore.
- **Modem:** select this item before connecting P31 to your PC and use P31 as a modem.

WAP Accounts

WAP account settings are essential for using Internet connections and MMS service via a WAP gateway. You can manually set up the WAP account, or ask your service provider to send you a message that contains the required setup information and creates the account automatically on your P31.

To manually set up a WAP account:

1. Tap **New** on the **Basic** tab.
2. Enter the name of the connection in the **Account name** field.
3. Select an Internet connection from the **Internet account** drop-down menu. Have the following data ready from your network service provider:

Use Proxy No Yes:

Address: _____

Port: _____

Username: _____

Password: _____

4. Set up the settings according to the data from your network service provider.
5. Tap the **Preferred** tab and tap to check the **Use WAP account** checkbox.
6. Select a preferred WAP account for Internet connection and MMS delivery from the **Preferred** drop-down menu.
7. Tap **Done**.

Editing WAP Accounts

1. In the **Basic** tab, tap to select an account.
2. Tap **Edit**.
3. Edit the settings of the selected account.
4. Tap **Done**.

Deleting Internet Accounts

1. In the **Basic** tab, tap to select an account.
2. Tap **Delete, Yes**.

General Settings

Call Settings

 If the SIM card is not installed, certain setting items will not appear on the screen.

Accepted Callers

Accepted callers are those whose calls can reach you. Others will be automatically rejected.

1. Select from the following options in the **Accept calls from** drop-down menu:

- **All callers:** Everyone can call you.
 - **All except listed callers:** Everyone can call you except the ones in the rejected caller list. Tap the **Add new** button to add callers to the list.
 - **No one:** No one can call you.
2. Tap **Done** to exit.

When the Accepted callers function is activated, the  icon will appear on the Status bar.

Add to Contacts

If this function is activated, after a call has ended, if the phone number is not already stored in the Contacts application program, you will be asked if you want to add it.

1. Tap the **Add party to contacts** drop-down menu and select **On**. To deactivate this function, tap **Off**.
2. Tap **Done**.

Call Meter

The call meter function allows you to set a limit for total call costs. If call costs exceed this limit, P31 will no longer be able to dial pay calls.

To set up call meter:

1. Enter the price unit for calculating call cost in the **Price per unit** field. The value must be between 0.01 and 9999999.
2. Enter the 3-character name of currency in the **Currency** field.

3. Select a **Credit status: Limited or Unlimited.**
4. Enter a credit limit in the **Remaining credit** field. The value must be between 0.01 and 9999999.
5. Tap **Done.**
6. Enter your PIN 2 code and then tap **Done.**

-  • **The PIN2 is the second PIN code. Its main use is in controlling restricted services. For example, call time limits and restricted phone numbers.**
- **If the PIN2 code is incorrectly entered three times consecutively, it will be locked. To unlock it, you will need to enter the PUK2 code, which you obtain from your network operator.**

If the **Credit status** is set to **Limited** and there is only 30 seconds of credit left, the message "Low credit" will appear on the screen. If "Credit expired" appears, you can not make any chargeable calls.

-  **For the availability and more information about the Call meter function, please consult your network service provider.**

Call Waiting

If there is an incoming call when you are in the middle of another call and the call waiting function is enabled, the screen will display the number (if available) of the incoming call and call waiting message to alert you.

1. After **Call waiting** is selected, P31 will inquire the status of your call waiting setting. This will take a few seconds.
2. Select from the following options:
 - **On:** Enable call waiting.
 - **Off:** Disable call waiting.
3. Tap **Done** to exit.

Calling Cards

You can use this option to set up P31 for use with your calling cards.

1. Tap the **New** button to add a new calling card.
2. Enter necessary information and then tap the **Done** button.
3. Tap **Calling card mode** to select from **Off, Prompt before call** or **Always use calling card**. If you have multiple calling cards, select one from the **Calling cards** box first.
4. Tap the **Done** button.

To delete a calling card, tap to select one in the **Calling cards** box and then tap the **Delete** button.

To edit a calling card, tap to select one in the **Calling cards** box and then tap the **Edit** button.

Divert calls

1. After **Divert call** is selected, P31 will inquire the status of your call waiting setting. This will take a few seconds.
2. According to the call type you want to setup, tap the **Voice** or **Data & Fax** tab.
3. Tap to select a divert condition (for example, **When busy divert to:**) and then select from the following options:

- **Voice mail:** divert the call to your voice mail-box.
 - **Lookup in contacts:** pick a number from your contacts.
 - **Enter number:** enter the number directly.
 - **Off:** cancel diverting calls.
4. Tap the **Done** button to exit.

Handsfree

With this function you can setup the way your P31 works with the handsfree kit. Tap to select an option:

Options for Answering Mode

- **Normal:** answer the call as normal.
- **After 5 seconds:** the incoming call will be answered automatically after 5 seconds.



You can press and hold the button on the controller of the hands-free to answer and end calls.

Options for Bluetooth: Preferred sound device

- **Phone:** use the keys on P31 to manage calls.
- **Headset:** use the keys on P31 or the headset to manage calls. If a Bluetooth headset is used, please choose Headset as the preferred device.
- **Handsfree:** use the keys on P31 or the handsfree (Bluetooth car kit) to manage calls. If a Bluetooth car kit is used, please choose Handsfree as the preferred device.

Incoming Call Picture

If the incoming caller has a picture stored in the Contact application program, the picture will appear on the screen when his/her call is received.

Tap to check or uncheck the **Show large pop-up picture for incoming calls** checkbox. If checked, the picture will be shown.

Restrict Calls

You can request your network service provider to block the dialing or receiving of certain calls. The call barring services require the support of your network. To activate or cancel any of the options, you must enter the network password provided by the network service provider.

1. After **Restrict calls** is selected, P31 will inquire the status of your current setting. This will take a few seconds.
2. According to the call type you want to setup, tap the **Voice** or **Data & Fax** tab.

3. Tap to select a divert condition (for example, **When busy divert to:**) and then select from the following options:

- **On:** enable call restriction.
- **Off:** disable call restriction.

4. Tap the **Done** button. You will be asked to enter the restrict code. Enter the code and tap the **Done** button.

To change the restrict code, tap the **Change password** button.

Voice Control

Here you can enable or disable the voice dialing function of P31. To enable this function, tap to check the **Voice dialing** checkbox. Check the **Caller name playback** checkbox if you want P31 to play the caller name (voice tag) before dialing.

Voice Mail

You must enter the voice mail-box number here before you can access your voice mail. The voice mail-box number is available from your network service provider.

Enter your voice mail-box number and then tap the **Done** button.

International Settings

Use these settings to set your current location as well as the currency, distance and number formats for use in other application programs.

You can access these settings on two different tabs: **Location** and **Numbers**. Select appropriate settings from the drop-down menus and then tap the **Done** button.

Locks

Using this feature, you can prevent unauthorized persons from using your phone to make or receive phone calls. You can enable/

disable the SIM card lock function and change the SIM card PIN with this setting option.

- To enable or disable SIM card lock, tap to select **At power on** or **Off**. If the SIM card lock is enabled, you will be prompted to enter the PIN before entering the **Phone on** mode of P31.
- To change SIM card PIN, tap the **Change Codes** tab and then tap the **Change SIM card PIN** or **Change SIM card PIN2** button.

Tap **Done** to exit.

Time and Date

Adjusting the time and date here sets these throughout your P31.

Adjusting Time and Date

1. In the **Time & Date** tab, tap the **Date** box. A calendar will appear on the screen.
2. Tap to select current date from the calendar.
3. Tap the **Time** box and adjust current time. Tap the upper part of the boxes that enclose the hour and minute to increase the numbers, or the lower part of the boxes to decrease them.
4. Tap **Summertime** if you want to use summertime. Select the summertime zone(s) from the dialog that appears and then tap the **Done** button.
5. Tap the **Done** button.

Changing Date Format

You can customize the display of times and dates throughout your P31 on the **Format** tab.

Specifying Workdays

In the **Workdays** tab, you can specify the days of the week that you normally work. You can set alarms in the Time application program that only sound on a workday. Specifying the first day of

your week customizes the display of both Week and Month views in the Agenda application program.

User greeting

You can enable the user greeting by checking the checkbox. And you can input your customized greetings in the dialog frame and change colors and font types (italic, underline, bold).

By enabling the user greeting; next time when you turn on your P31, your customized user greeting will pop up.

GPRS Data Log

You can use the GPRS data log to track the size of data sent and received via the GPRS data connection.

Viewing GPRS Data Log

1. Tap the **GPRS data log** application program icon in the Main screen.
2. Tap to select a GPRS connection in the screen.
3. Related information, including total data sent, total data received, data received last session and data sent last session, will appear in a new dialog.



4. Tap **Done** to close the dialog.

Resetting GPRS Data Count

Tap **Reset** in the dialog.

Deleting GPRS Data Log

Tap **Delete** in the dialog.

Internet

The Internet browser allows you to view information on the World Wide Web or on WAP pages. You can also bookmark your favorite pages or save them for off-line viewing.

Before you can use Internet, you need to set up an Internet account in Control panel. If you intend to use certain WAP services, it might also be necessary to set up a WAP account in Control panel.

☞ **Proxy settings for a WAP gateway should be set in the WAP account. Other proxy settings should be set in the Internet account.**

Connecting to/Disconnecting from the Internet

If your P31 is not connected to the Internet when you try to load a Web page, it will connect automatically. It then remains connected until the idle time you have specified in the Internet accounts settings has elapsed or you disconnect manually.

To disconnect, tap  on the Status bar and select **Disconnect**.

Opening the Internet Browser



Method 1

Press the Internet key on P31.

Method 2

Tap the **Internet** application program icon in the Main screen.

Method 3

Tap a URL (web address) in a mail or message.

Opening Page

1. Tap **Internet** and select **Open page**.

2. In the **Location** field, enter the web address and then tap **Open**.
If you have previously visited certain web pages, their addresses

will appear in the drop-down list. You can also tap to select one from them.

To start browsing the Web, just tap any link on the page. Then you can move around on the Web by simply tapping links. A link can be an image or colored, underlined text. An image link is shown with a thin, blue frame that fades away after a second.

After a page has been loaded, you can use **Find** and **Find next** in the **Internet** menu to search for a specific text on that page.

-  • **Pages with frames and Java scripts may not display properly in the browser.**
- **If some or all of the images on the web page can't be displayed, they will appear as . Try loading the data again by tapping Internet and select Reload page or Load all images.**
-  • **To switch between full screen and normal view, tap Edit and select Full screen, or simply press the  key.**
- **To bring up a popup menu with useful commands, press the  key.**

Working with Text

Finding Text

To find certain text on a page:

1. Tap **Internet** and select **Find**.
2. Enter the search keyword and specify the searching direction.
3. Tap **Find**. The found text will be highlighted on the page.

If necessary, tap **Internet** and select **Find next** to continue searching.

Scanning Text

Web pages will be outlined as you are used to see it on your PC. This makes it easier for you to recognize the page and find the way to your favorite spots. To make it even easier you can use the Scan text function. It will visually scan for the most text frequent part of the page. Tap **Internet** and select **Scan text**.

Key Operations When Browsing

When browsing, you can use the following keys to conveniently move through the web pages and links.

Scrolling Pages

- Press the  key to scroll page up.
- Press the  key to scroll page down.
- Press the  key to scroll page left.
- Press the  key to scroll page right.

Link Navigation

- Use the keys  and , or  and , to select and navigate between links. A selected link is highlighted.
- Press  to open a selected link.
- Press  to return to the previous page.
- If a link is highlighted when you want to use the Scan text function, press any of the normal scrolling keys , ,  or .

Bookmarking Pages

1. Navigate to the page you want to bookmark.

2. Tap **Internet** and select **Add to bookmarks**.
3. Enter the bookmark name in the **Name** field and select a location where the bookmark will be saved in the **Folder** drop-down list, and then tap **Done**.



Alternatively, you can bookmark a page by tapping and holding the link to the page and select Add to bookmarks.

Saving Pages for Off-Line Browsing

1. Navigate to the page you want to save.
2. Tap **Internet** and select **Save page**.
3. Enter the name for the page in the **Name** field and select a location where the page will be saved in the **Folder** drop-down list, and then tap **Done**.



This saves the information on the Web page. However, images and sounds will not be saved.

Some Web pages are not allowed to be cached. These pages can not be saved.

To open a saved page:

1. Go to the Bookmarks view.
2. Tap the name of the saved page that you want to open.

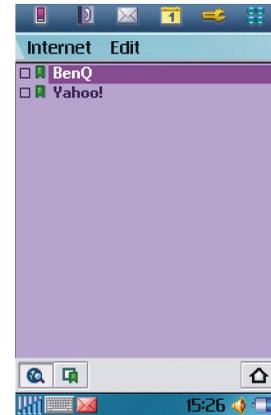


If you tap a link on a saved page, you will probably get an error message because the linked page is not available offline.

Going to Bookmarked Pages

1. Tap **Internet** and select **Bookmarks**. Alternatively, you can tap the  button on the browser screen.

2. The bookmark list screen will appear.



Tap a bookmark and the bookmarked page will appear on the browser screen.

Operations When Viewing Pages

Pages and Bookmarks

- To move among recently visited pages, tap the  or  button.
- To stop loading a page, tap the  button.
- To return to the home page, tap the  button. See "Basic Options" on page 63 for how to setup your home page.
- To go to the bookmark list, tap the  button.
- To return from the bookmark list to the browser screen, tap the  button.

Links to Pages

- To open a link, tap the link or tapping and holding the link and then select **Open link**.
- To view link information, tap and hold the link and then select **Link information**.

Links to Phone Numbers

- To make a call to the phone number, tap and hold the link and then select **Call**.
- To send an SMS to the phone number, tap and hold the link and then select **New SMS**.
- To send an MMS to the phone number, tap and hold the link and then select **New MMS**.
- To add the phone number to your contacts, tap and hold the link and then select **New contact**.

Links to Email

- To send an Email to the link address, tap and hold the link and then select **New Email**.
- To send an MMS to the link address, tap and hold the link and then select **New MMS**.
- To add the Email address to your contacts, tap and hold the link and then select **New contact**.

Images

- To save an image on the page, tap and hold the image and select **Save image**.
- To copy an image to the clipboard, tap and hold the image and select **Copy image**.
- To view an image in a separate image viewer, tap and hold the image and select **View image**.
- To send an image, tap and hold the image and select **Send image as**.

Managing Bookmarks

Deleting Bookmarks

1. Tap the  button to go to the bookmark list.
2. Tap the checkbox beside each bookmark item to select it. You can select multiple bookmarks.
3. Tap **Internet** and select **Delete**.
4. Tap **Yes**.

Editing Bookmarks

1. Tap the  button to go to the bookmark list.
2. Tap the checkbox beside a bookmark item to select it.
3. Tap **Edit** and select **Edit**.
4. Tap **Edit**.
5. Edit the location, name, folder of the bookmark or preferred WAP account for connecting to this page and then tap the **Done** button.

Sending Bookmarks

1. Tap the  button to go to the bookmark list.
2. Tap the checkbox beside a bookmark item to select it.
3. Tap **Edit** and select **Edit**.
4. Tap **Send as**.
5. Select a method for sending the bookmark and then tap the **Done** button.