

**Settings**



**Managing paired devices**

➤ Main menu > **Settings** > **Connectivity** > **Bluetooth** > **Paired devices**

1. [▲/▼] to scroll to the required device → [□] (Options)
2. Select the required option

<b>Add new device</b>	View the list of discovered devices. To search for other devices, press [□] (Options) → select <b>Search</b> while viewing the Discovered devices list.
<b>Make trust/ Make untrust</b>	Make the required device a trusted/untrusted device.
<b>Connect/ Disconnect</b>	Connect/disconnect to the phone, headset or handsfree.
<b>Rename</b>	Change name of paired device to an easily recognised name.
<b>Delete</b>	Delete the paired device from your list.

**Icons of paired devices**



audio




phone



computer



miscellaneous

 **Settings**


**Synchronisation** 







You can synchronise your Contacts list with your network server. You may need to do this if you store your Contacts list on the network server, and you want them all to be the same. You can just send changes or send all your records to the network server. This function uses SyncML/OMA Standard technology.

Before you can synchronise your Contacts list, you need to set up a server profile and select a WAP profile.

**Creating/editing a server profile**

You can create up to 2 server profiles.


 Main menu > **Settings** > **Connectivity** > **Synchronisation**

1.  (Options) → Select **Sync. settings**
2.  to scroll to the required profile
3.  (Options) → Select **Edit**
4. Select the required setting → 
5. Enter information → 
6.  (Save)

<b>Profile name</b>	Enter the profile name.
<b>Server name</b>	Enter the web address of the server.
<b>Server database</b>	Enter the database name of the server.
<b>Server user ID</b>	Enter your user name for the server.
<b>Server password</b>	Enter the password.

**Selecting a server profile**

 Main menu > **Settings** > **Connectivity** > **Synchronisation**

1. Repeat steps 1 and 2 in "Creating/editing a server profile" on page 112
2.  (Options) → Select **Set**

## Settings

### Selecting a WAP profile

- Main menu > **Settings** > **Connectivity** > **Synchronisation**
  1. [□] (Options) → **Select WAP profiles**
  2. Select the required profile

### Synchronising

**To send only changes to the network server:**

- Main menu > **Settings** > **Connectivity** > **Synchronisation** > **Modified contacts**

The phone confirms completion.

**To send all your records to the network server:**

- Main menu > **Settings** > **Connectivity** > **Synchronisation** > **All contacts**

The phone confirms completion.

**Note:** If you are synchronising your Contacts list for the first time, or you need to make a large number of changes, then the synchronisation may take several minutes or more.

You cannot synchronise the following fields: **Birthdate**, **Postal address**, **Ringtone**, **Message alert**, **Illumination**, **Picture** and **Group**. There may be other fields that cannot be synchronised depending on the server.

### Server or database authentication

While synchronising, you may be asked for server or database authentication. Enter the correct information and retry the synchronisation connection.

*In authentication screen:*

1. [▲/▼] to scroll to the required setting → [●]
2. Enter the correct information → [●]
3. To retry the synchronisation connection, [□] (Options) → Select **Ok**



## Settings

### Cell Broadcast

You can receive messages on specified topics, such as weather information and traffic news, regularly from your service provider. You can specify the “topic(s)” of information and the language in which you wish to receive the information.

#### Activating Cell Broadcast

➤ Main menu > **Settings** > **Connectivity** > **Cell Broadcast** > **On/Off**

1. Select **On** or **Off**

#### Reading a received message

➤ Main menu > **Settings** > **Connectivity** > **Cell Broadcast** > **Read messages**

1. [▲/▼] to scroll to the required message → [●]

#### Topics and languages

You can add, edit and delete topics and languages.

➤ Main menu > **Settings** > **Connectivity** > **Cell Broadcast** > **Options** > **Topic** or **Language**

1. [▲/▼] to scroll to the required topic or language
2. [□] (Options) → Select **Add**, **Edit** or **Delete**

## GSM network

### Selecting a network manually

You can manually select a network that is available in your current location.

➤ Main menu > **Settings** > **Connectivity** > **GSM network** > **New search**

1. Select the required network

### Network list

The network list is used when the Search mode is set to Automatic. The order in the list indicates the search priority. You can edit the list as required.

➤ Main menu > **Settings** > **Connectivity** > **GSM network** > **Select network**

1. [▲/▼] to scroll to the required network
2. [□] (Options) → Select **Add**, **Insert**, **Edit** or **Delete**  
*Add stores a new network at the end of the list, while Insert stores a new network above the selected network.*

### Search mode

You can set your phone to automatically or manually search for the other networks when roaming. When **Automatic** is selected, the phone automatically selects a new network in order to maintain optimum network availability. When **Manual** is selected, available networks are shown on the standby screen.

➤ Main menu > **Settings** > **Connectivity** > **GSM network** > **Search mode**

1. Select **Automatic** or **Manual**

**Note:** National regulations may not permit roaming in your home region.



## Settings

### Data connections

GPRS settings and CSD settings are stored in the Data connections menu.

Data can be sent/received using GPRS or CSD technology.

#### Editing GPRS/CSD settings

➤ Main menu > **Settings** > **Connectivity** > **Data connections**

1. [▲/▼] to scroll to the required setting you want to edit or <Empty> to add new setting → [●]
2. If <Empty> is selected, select **GPRS** or **CSD**
3. Edit the required field → [□] (Save)

#### Deleting GPRS/CSD settings

➤ Main menu > **Settings** > **Connectivity** > **Data connections**

1. [▲/▼] to scroll to the required setting you want to delete
2. [□] (Options) → Select **Delete**
3. [●]/[□] (Yes)

**Note:** If your service provider has protected some of your settings, you may not be able to modify them.

### USB

You can backup data stored on your phone to a PC using USB Cable. Install the Handset Manager software from the CD-ROM before using USB Cable. (See "CD-ROM" on page 152.)

## Security

### PIN code

The PIN protects your SIM card against unauthorised use. If you enable the PIN, you will be prompted to enter the PIN code every time the phone is switched on.

The PIN2 controls security for certain service provider services such as Fixed dial and Service charge.

**Note:** If PIN is entered incorrectly 3 times the phone will be locked, and you will need to enter the PUK code. If PIN2 is entered incorrectly 3 times SIM card will be locked, and you will need to enter PUK2 code. If the PUK code is entered incorrectly 10 times, the phone will cease to operate permanently. All information stored in the SIM card will be lost and the SIM card will need to be replaced. Contact your service provider for further information.

### Enabling/Disabling PIN entry

➤ Main menu > **Settings** > **Security** > **PIN entry** > **Enable/disable**


1. Select **Enable** or **Disable**
2. Enter the PIN code (4-8 digits) → [●]/[□] (Ok)

### Changing PIN

You can change the PIN when PIN entry is set to Enable.

➤ Main menu > **Settings** > **Security** > **PIN entry** > **Change PIN**

1. Enter the current code → [●]/[□] (Ok)
2. Enter the new code → [●]/[□] (Ok)
3. Enter the new code again → [●]/[□] (Ok)

 **Settings**

**Changing PIN2** 

➤ Main menu > **Settings** > **Security** > **Change PIN2**

1. Enter the current code → [●]/[□] (Ok)
2. Enter the new code → [●]/[□] (Ok)
3. Enter the new code again → [●]/[□] (Ok)

**Fixed dial** 

When Fixed dial is enabled, only the phone numbers stored in SIM Contacts can be dialled. Any manually dialled phone numbers must match the phone numbers in SIM Contacts.

To store, edit or delete phone numbers in SIM Contacts, you need to enter your PIN2 code.

➤ Main menu > **Settings** > **Security** > **Fixed dial**

1. Select **Enable** or **Disable**
2. Enter the PIN2 code (4-8 digits) → [●]/[□] (Ok)

**Call barring**

Call barring restricts certain calls, using a password supplied by your service provider.

The following Call bar settings are available:

<b>Bar outgoing calls</b>	All outgoing calls are barred.
<b>Bar foreign calls</b>	International outgoing calls are barred.
<b>Bar foreign calls except Home</b>	International outgoing calls except to your home country are barred.
<b>Bar incoming calls</b>	All incoming calls are barred.
<b>Bar incoming if abroad</b>	Roaming is barred if abroad.



## Settings

### Call barring setting

➤ Main menu > **Settings** > **Security** > **Call barring**

1. Select the required setting
2. Enter the password → [●]/[□] (Ok)

### To cancel setting/check status:

➤ Main menu > **Settings** > **Security** > **Call barring**

1. [▲/▼] to scroll to the required setting
2. [□] (Options) → Select **Off** or **Status**
3. If **Off** is selected, enter the password → [●]/[□] (Ok)

### To cancel all the settings/check all the statuses:

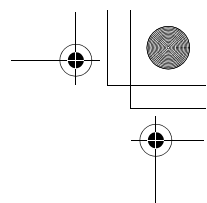
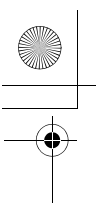
➤ Main menu > **Settings** > **Security** > **Call barring**

1. Select **Cancel all** or **Status all**
2. If **Cancel all** is selected, enter the password → [●]/[□] (Ok)

### Changing the password

➤ Main menu > **Settings** > **Security** > **Call barring** > **Password**

1. Enter the current password → [●]/[□] (Ok)
2. Enter a new password → [●]/[□] (Ok)
3. Enter the new password again → [●]/[□] (Ok)

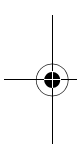


# Tools

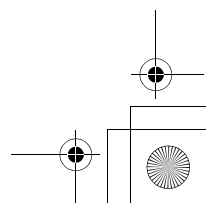
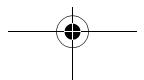
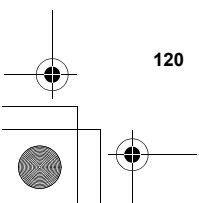
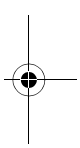
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\*1



**Note:** There are several ways to select items from menu lists. See "Menu selection method" on page 26.





## SIM Tool Kit

The SIM Tool Kit allows the applications existing on the SIM card to interact and operate with your phone. These applications, stored in the SIM memory, are Value Added Services. Your service provider can configure your SIM card with the applications that can be seen on your phone as additional menu items.

For further information, contact your service provider.

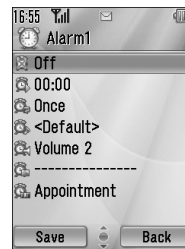
## Alarms





You can set up to 5 different alarms.

### Setting the alarm




➤ Main menu > **Tools** > **Alarms**

1. [▲/▼] to scroll to the required setting → [●]
2. [▲/▼] to scroll to the required field → [●]
3. Enter information → [●]
4. [ ] (Save) to store the entry  
The alarm icon (🔔) appears on the standby screen.



	<b>Turn on/off</b>	Select <b>On</b> or <b>Off</b> .
	<b>Time</b>	Enter the time.
	<b>Repeat type</b>	Select <b>Once</b> , <b>Everyday</b> or <b>Weekly</b> for alarm repeat type.
	<b>Alarm tone</b>	Select alarm tone from <b>&lt;Default&gt;</b> or <b>My Media</b> . To download an alarm tone, select <b>Download</b> *1.

 **Tools**

	<b>Alarm volume</b>	Adjust alarm volume ( <b>Volume 0-4</b> or <b>Step tone</b> ).
	<b>Stored pictures</b>	Select the required picture. The picture appears on the screen when the alarm sounds.
	<b>Illumination</b>	Select the required illumination pattern or <b>Off</b> .



**Note:** The alarm sounds at the time you set even if the phone is off.

**Turning the alarm on/off**

➤ Main menu > **Tools** > **Alarms**

1. [▲/▼] to scroll to the required setting
2. [□] (Options) → Select **Turn on** or **Turn off**

**Stopping the alarm**

When the alarm sounds, you can activate the snooze function to repeat the alarm 5 times at 5 minute intervals.

1. Press any key except [⏏] → **"Stop snooze?"**
2. To stop the snooze function: [●]/[□] (Turn off)  
To activate the snooze function: [□] (Snooze)

**Shortcut:** Stopping the alarm by pressing [⏏] activates the snooze function and returns to standby mode.



## Sound recorder

You can record sounds, your voice or phone conversation. The recorded sound clips (except for the phone conversation) can be attached to MMS messages.

### Recording new sound clips

☛ Main menu > **Tools** > **Sound recorder**

1. [●]/[□] (Start) to start recording  
*The max. recording time is 3 minutes.*
2. [●]/[□] (Stop) to stop recording
3. [●] to play back if required  
[▲/▼] to adjust the volume
4. [□] (Options) → Select **Save**  
*The sound clip is saved to My Media.*  
*If you select **Send as MMS**, you can access MMS menu.*

**Note:** When you save the recorded sound clip and receive storage full message, press [●]/[□] (Yes) to save the recorded sound clip by deleting unwanted files in My Media.



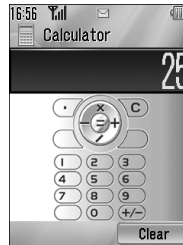
Tools

## Calculator

You can use the 4-function calculator (addition, subtraction, multiplication and division) to make simple arithmetic operations.

➤ Main menu > **Tools** > **Calculator**

1. Enter a number  
To enter a decimal point: [.]  
To enter a negative sign: [#]  
To erase digits: [C] (Clear)
2. [▲/▼/◀/▶] to select the arithmetic operation ([▲] to multiply, [▶] to add, [▼] to divide, [◀] to subtract)
3. Enter a number
4. [⊙] (=) to calculate



## Calendar



**Note:** There are several ways to select items from menu lists. See "Menu selection method" on page 26.

## Browsing Calendar

You can view the calendar by month, by week or by day.

### Browsing operation

☰ Main menu > Calendar

To move around the calendar: [▲/▼/◀/▶]

To change the view format (Monthly view/Weekly view): see View format in "Options"

To view the details of the selected day (Daily view): [●]

### Options

From Monthly view or Weekly view, the following options are available by pressing [□] (Options).

<b>New entry</b>	See "Creating Calendar events" on page 127.
<b>View format</b>	Change calendar view format, <b>Monthly</b> or <b>Weekly</b> .
<b>Go to date</b>	Go to specified date.
<b>Send via</b>	Send calendar events via infrared or Bluetooth. See "Infrared" on page 105 or "Bluetooth® wireless technology" on page 107.
<b>Delete</b>	See "Deleting multiple events" on page 129.
<b>Lunar calendar detail*<sup>1</sup></b>	Check Chinese Lunar calendar dates and festivals when viewing the western calendar.
<b>Memory status</b>	Show used memory for calendar.
<b>Settings</b>	See "Calendar settings" on page 130.

\*<sup>1</sup> Available only when **Display language** setting is set to Chinese language. (See "Language" on page 91.)

 **Calendar**

**Calendar view**

To change the calendar view format, see “Browsing operation” on page 125.

**Monthly view**

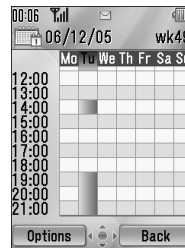
<b>Current date</b>	Red frame
<b>Selected date</b>	Coloured - Also displayed in the upper left of the calendar
<b>Week number of selected date</b>	Displayed in the upper right of the calendar
<b>Scheduled note</b>	Coloured - Also displayed in the schedule list with category icon, start time and note (up to 3 events)



**Schedule list**

**Weekly view**

<b>Current date</b>	Red line under week
<b>Current week number</b>	Displayed in the upper right of the calendar
<b>Selected date</b>	The day of the week is coloured - Also displayed in the upper left of the calendar
<b>Scheduled note</b>	The scheduled time zone is coloured



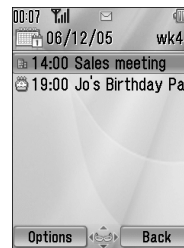


## Calendar



### Daily view

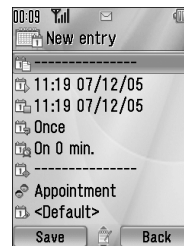
<b>Current date</b>	Displayed in the upper left
<b>Current week number</b>	Displayed in the upper right
<b>Scheduled note</b>	Displayed with category icon, start time and note




### Creating Calendar events










➤ Main menu > **Calendar**

1. Select the day of the event you wish to store
2. [ ] (Options) → Select **New entry**
3. [▲/▼] to scroll to the required field → [●]
4. Enter information → [●]  
*To enter characters, see "Text entry" on page 36.*
5. [ ] (Save) to store the event



	<b>Note</b>	Enter note (subject).
	<b>Start date/time</b>	Enter the start time → [▼] → Enter the start date (Present time/date is already entered.)
	<b>End date/time</b>	Enter the end time → [▼] → Enter the end date (Present time/date is already entered.)

 **Calendar**

	<b>Repeat type</b>	Select an event repeat cycle.
	<b>Reminder</b>	Set the reminder to sound at the start time ( <b>0 min.</b> ) or certain minutes ahead of the start time. Select <b>Off</b> , <b>0 min.</b> , or <b>5, 10, 15, 30, 60, 90 min. ahead</b> . When the reminder tone sounds, press  (View) to check the schedule or press  (Stop) to return to standby mode.
	<b>Location</b>	Enter location.
	<b>Category</b>	Select category.
	<b>Calendar tone</b>	Select a reminder tone from <b>&lt;Default&gt;</b> or <b>My Media</b> . To download a tone, select <b>Download</b> *1.
	<b>Calendar volume</b>	Adjust the reminder volume ( <b>Volume 0-4</b> or <b>Step tone</b> ).
	<b>Illumination</b>	Select a reminder illumination pattern or <b>Off</b> .

\*1 

**Note:** The reminder sounds at the scheduled time even if the phone is off.  
The calendar highlights only the start days of scheduled events if the events are scheduled for over days.  
For downloading contents, visit <http://box.panasonic.com/>

## Managing Calendar events

### Editing events

☛ Main menu > **Calendar**

1. From Daily view, [**▲**/**▼**] to scroll to the required event
2. [**□**] (Options) → Select **Edit**
3. Edit the required field → [**□**] (Save) to overwrite

### Deleting events

#### Deleting an event

☛ Main menu > **Calendar**

1. From Daily view, [**▲**/**▼**] to scroll to the required event
2. [**□**] (Options) → Select **Delete**
3. [**●**]/[**□**] (Yes)

#### Deleting multiple events

To delete the events of the selected day or the past events:

☛ Main menu > **Calendar**

1. From Monthly view or Weekly view, [**▲**/**▼**/**◀**/**▶**] to scroll to the required date
2. [**□**] (Options) → Select **Delete**
3. Select **Day** or **Past**
4. [**●**]/[**□**] (Yes)

To delete all events:

☛ Main menu > **Calendar**

1. From Monthly view or Weekly view, [**□**] (Options) → Select **Delete**
2. Select **All**
3. [**□**] (Yes)

## Calendar

### Calendar settings

#### Selecting the starting day of the week

- Main menu > **Calendar**
- 1. [ ] (Options) → Select **Settings**
- 2. Select **Week starts on**
- 3. Select the required day of the week

#### Setting holidays

You can set holidays to be indicated in red.

- Main menu > **Calendar**
- 1. [ ] (Options) → Select **Settings**
- 2. Select **Holiday set**
- 3. [▲/▼] to scroll to the required day of the week → [●]  
*Repeat this step to select other days of the week.*
- 4. [ ] (Ok)

#### Chinese Lunar calendar

You can check Chinese Lunar calendar dates and festivals when still viewing western calendar. To display Chinese Lunar calendar, you need to select Chinese language in **Display language** setting (see page 91).

#### Switching on/off Chinese Lunar calendar

- Main menu > **Calendar**
- 1. [ ] (Options) → Select **Settings**
- 2. Select **Lunar calendar**
- 3. Select **On** or **Off**

#### Viewing Chinese Lunar calendar detail

- Main menu > **Calendar**
- 1. [▲/▼/◀/▶] to scroll to the day you wish to view the detail
- 2. [ ] (Options) → Select **Lunar calendar detail**

# My Media



## My Media menu structure

<b>Pictures..... 132</b>	<b>Games .....140</b>
Stored pictures ..... 132	Stored applications ..... 140
Download* <sup>1</sup> ..... 136	Download* <sup>1</sup> ..... 141
Take new picture ..... 136	
<b>Sounds..... 136</b>	<b>Text templates .....141</b>
Stored sounds ..... 136	
Download* <sup>1</sup> ..... 138	<b>Memory status .....142</b>
Record new sound ..... 138	
<b>Videos ..... 139</b>	
Stored videos ..... 139	
Download* <sup>1</sup> ..... 140	
Record new video ..... 140	



**Note:** There are several ways to select items from menu lists. See "Menu selection method" on page 26.



My Media

## Pictures

Pictures taken by Camera, images downloaded from a WAP site and received via infrared or Bluetooth are stored in the Pictures folder.

**Note:** To use a file downloaded or indicated by the icon (Ⓜ), you may need to purchase the rights. For further information, contact your service provider.

### Viewing pictures

➔ Main menu > **My Media** > **Pictures** > **Stored pictures**

1. [▲/▼/◀/▶] to scroll to the required thumbnail → [●]  
*You can view the actual size of the selected picture by pressing [●] if the picture is larger than the display. To continue onto step 2, press [□] (Back).*
2. [▶]/[▼] to view the next picture or [◀]/[▲] to view the previous picture

**Note:** The file size of highlighted picture is displayed under the picture title, together with the date and time the image was stored. A picture of less than 1 kB is displayed as 1 kB.

### Managing files

**To make a new folder:**

1. In the Stored pictures folder, [□] (Options) → Select **Manage files**
2. Select **New folder**
3. Enter folder name → [●]

**To move the selected picture to another folder:**

1. When the required thumbnail is highlighted, [□] (Options) → Select **Manage files**
2. Select **Move to folder**
3. Select the required folder

**My Media**



**Options**

When viewing the picture list, the following options are available by pressing [ ] (Options).

<b>Send as MMS</b>	Attach the selected picture to an MMS message. See "Creating an MMS message" on page 58.
<b>Use as</b>	Use the selected picture as <b>Wallpaper</b> , <b>External wallpaper</b> or <b>Contacts picture</b> . See "Using pictures" on page 134.
<b>Delete</b>	Delete the selected picture or folder.
<b>Delete all</b>	Delete all the pictures in the folder or all the folders.
<b>Activate</b>	Purchase your rights to view the selected picture.
<b>Rename</b>	Rename the selected picture or folder.
<b>Send via</b>	Send the selected picture via infrared or Bluetooth. See "Infrared" on page 105 or "Bluetooth® wireless technology" on page 107.
<b>Resize</b>	Resize the selected picture.
<b>Edit</b>	Edit the selected picture. See "Editing pictures" on page 134.
<b>Change view</b>	Change the picture list to <b>List</b> view or <b>Grid</b> view.
<b>Manage files</b>	Make a new folder or move the selected picture to another folder. See "Managing files" on page 132.
<b>Details</b>	Show details of the selected picture.

**Note:** Sending or editing of a forward locked picture indicated by the icon (⇒X) is restricted.

## My Media

### Using pictures

You can use the stored pictures as wallpapers, external wallpapers or Contacts pictures.

➤ Main menu > **My Media** > **Pictures** > **Stored pictures**

1. [**▲**/**▼**/**◀**/**▶**] to scroll to the required picture
2. [**□**] (Options) → Select **Use as**
3. Select **Wallpaper**, **External wallpaper** or **Contacts picture**  
(If **Contacts picture** is selected, go to the next step.)
4. Highlight the required contact → [**□**] (Select)
5. [**□**] (Save)

### Editing pictures

#### Adding frame

You can add a frame to your picture.

➤ Main menu > **My Media** > **Pictures** > **Stored pictures**

1. When the required thumbnail is highlighted or the required picture is displayed on the screen, [**□**] (Options) → Select **Edit**
2. Select **Add frame**
3. Select the required frame  
*The picture with the selected frame is displayed.*  
*You can change the frame by pressing [**◀**/**▶**].*
4. [**●**]/[**□**] (Save)
5. Enter the file name → [**●**]

**Note:** Adding a frame is available only when the size of the picture to be edited is **Medium 320x240**, **Small 160x120** or **Main display 240x320**.



### Trimming

You can trim your pictures.

➤ Main menu > **My Media** > **Pictures** > **Stored pictures**

1. When the required thumbnail is highlighted or the required picture is displayed on the screen, [OK] (Options) → Select **Edit**
2. Select **Trimming**
3. Select the required trimming size
4. If **Free size** is selected: [▲/▼/◀/▶] to determine the starting point → [OK]/[OK] (Start) → [▲/▼/◀/▶] to determine the ending point → [OK]/[OK] (Ok)  
If a size other than **Free size** is selected: [▲/▼/◀/▶] to move the trimming box → [OK]/[OK] (Start)
5. [OK]/[OK] (Save)
6. Enter the file name → [OK]

### Clearing shadow

You can make dark pictures clearer.

➤ Main menu > **My Media** > **Pictures** > **Stored pictures**

1. When the required thumbnail is highlighted or the required picture is displayed on the screen, [OK] (Options) → Select **Edit**
2. Select **Clear shadow**
3. [OK]/[OK] (Save)
4. Enter the file name → [OK]

## My Media

### Downloading picture files

➤ Main menu > **My Media** > **Pictures** > **Download**

The download site is displayed.

**Note:** Panasonic is not responsible for the performance of downloaded contents or possible corruption of phone software.

For downloading contents, visit <http://box.panasonic.com/>


### Taking a new picture

➤ Main menu > **My Media** > **Pictures** > **Take new picture**

The phone switches to Picture mode. See "Taking a picture" on page 72.








## Sounds

Sound clips recorded by Sound recorder, downloaded from a WAP site and received via infrared or Bluetooth are stored in the Sounds folder.

**Note:** To use a file downloaded or indicated by the icon () , you may need to purchase the rights. For further information, contact your service provider.

### Playing sound clips

➤ Main menu > **My Media** > **Sounds** > **Stored sounds**

1. [ / ] to scroll to the required sound file → []  
[ / ] to adjust the volume.
2. To stop: []  
To restart: [] (Restart)

**Note:** The VS7 supports the ISO standard for MP3, nonconforming MP3 formats may not play properly.

**My Media**



**Managing files**

You can make new folders or move the selected sound files to another folder. See "Managing files" on page 132.

**Options**

In the sound list, the following options are available by pressing [ ] (Options).

<b>Send as MMS</b>	Attach the selected sound clip to an MMS message. See "Creating an MMS message" on page 58.
<b>Use as</b>	Use the selected sound clip as <b>Ringtone</b> , <b>Message alert</b> or <b>Contacts ringtone</b> . See "Using sound clips" on page 138.
<b>Play in sequence</b>	Select <b>Looped</b> or <b>Random</b> to play all the sound clips in the selected folder in a loop or at random.
<b>Delete</b>	Delete the selected sound file or folder.
<b>Delete all</b>	Delete all the sound files in the folder or all the folders.
<b>Activate</b>	Purchase your rights to play the selected sound file.
<b>Rename</b>	Rename the selected sound file or folder.
<b>Send via</b>	Send the selected sound file via infrared or Bluetooth. See "Infrared" on page 105 or "Bluetooth® wireless technology" on page 107.
<b>Manage files</b>	Make a new folder or move the selected sound file to another folder. See "Managing files" on page 132.
<b>Details</b>	Show details of the selected sound file.

## My Media

**Note:** The file size of highlighted sound is displayed at the top of the list, together with the date and time the sound file was stored. A sound file of less than 1 kB is displayed as 1 kB.

Sending or editing of a forward locked sound indicated by the icon (🔒) is restricted.

### Using sound clips

You can use the stored sound clips as ringtones, Message alerts or Contacts ringtones.

➤ Main menu > **My Media** > **Sounds** > **Stored sounds**

1. [▲/▼] to scroll to the required sound clip
2. [□] (Options) → Select **Use as**
3. Select **Ringtone**, **Message alert** or **Contacts ringtone**  
(If **Contacts ringtone** is selected, go to the next step.)
4. Highlight the required contact → [□] (Select)
5. Select Ringtone (👤) or Message alert (👤)
6. [□] (Save)

### Downloading sound clips

➤ Main menu > **My Media** > **Sounds** > **Download**

The download site is displayed.

**Note:** Panasonic is not responsible for the performance of downloaded contents or possible corruption of phone software.

For downloading contents, visit <http://box.panasonic.com/>

### Recording new sound clips

➤ Main menu > **My Media** > **Sounds** > **Record new sound**

The phone switches to the Sound recorder mode. See "Sound recorder" on page 123.

My Media



## Videos

Video clips recorded by Video recorder, downloaded from a WAP site and received via infrared or Bluetooth are stored in the Videos folder.

**Note:** To use a file downloaded or indicated by the icon (Ⓜ), you may need to purchase the rights. For further information, contact your service provider.

### Playing video clips

➤ Main menu > **My Media** > **Videos** > **Stored videos**

1. [▲/▼] to scroll to the required video file → [●]  
[▲/▼] to adjust the volume.
2. To stop: [●]  
To restart: [□] (Restart)

**Note:** The file size of highlighted video is displayed at the top of the list, together with the date and time the video file was stored. A video file of less than 1 kB is displayed as 1 kB.

### Managing files

You can make new folders or move the selected video files to another folder. See "Managing files" on page 132.

### Options

In the video list, the same options in the Stored sounds folder are available. See "Options" on page 137. Note that **Use as** option is not available for video files.

## My Media

### Downloading video clips

➤ Main menu > **My Media** > **Videos** > **Download**  
The download site is displayed.


**Note:** Panasonic is not responsible for the performance of downloaded contents or possible corruption of phone software.  
For downloading contents, visit <http://box.panasonic.com/>

### Recording a new video

➤ Main menu > **My Media** > **Videos** > **Record new video**  
The phone switches to Video mode. See "Recording a video clip" on page 78.

## Games

Preloaded games and downloaded games are stored in the Games folder.

**Note:** To use a file downloaded or indicated by the icon () , you may need to purchase the rights. For further information, contact your service provider.

### Playing games

➤ Main menu > **My Media** > **Games** > **Stored applications**  
1. [▲/▼] to scroll to the required game → [●]  
For further details, see "Games" on page 144.

**My Media**



**Downloading games**

➤ Main menu > **My Media** > **Games** > **Download**

For further details, see "Download games" on page 146.

**Note:** Panasonic is not responsible for the performance of downloaded contents or possible corruption of phone software.  
For downloading contents, visit <http://box.panasonic.com/>

**Text templates**

You can use templates stored in the phone when creating a text message. You can also save frequently used text as templates.

**Editing Text templates**

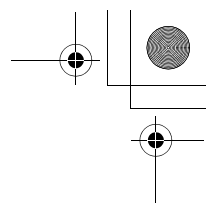
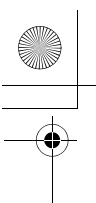
➤ Main menu > **My Media** > **Text templates**

1. [▲/▼] to scroll to the required template → [●]
2. Edit the template → [●]

**Options**

In the text templates list, the following options are available by pressing [□] (Options).

<b>New</b>	Create a new template.
<b>Create message</b>	Create an <b>SMS</b> or <b>MMS</b> message using the selected template.
<b>Edit</b>	Edit the selected template.
<b>Delete</b>	Delete the selected template.
<b>Delete all</b>	Delete all the templates.
<b>Details</b>	Show details of the selected template file.



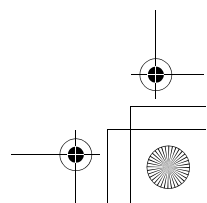
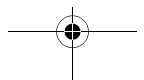
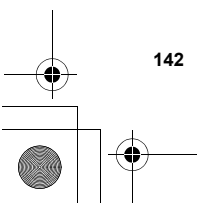
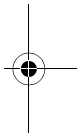
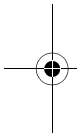
### My Media

## Memory status

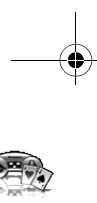
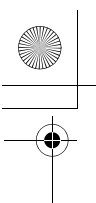
You can see how much data is stored in the individual folders in My Media.

➤ Main menu > **My Media** > **Memory status**

**Note:** To decrease the amount of phone memory used, delete unwanted data or store data on your PC (see "CD-ROM" on page 152).





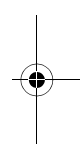
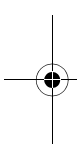


# Games

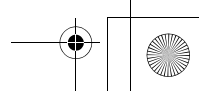
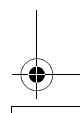
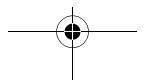
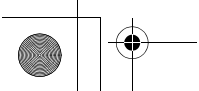
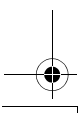


## Games menu structure

<b>Games</b> .....	<b>144</b>
<b>Download<sup>+1</sup></b> .....	<b>146</b>
<b>Settings</b> .....	<b>147</b>
Sound volume .....	147
Backlight.....	147
Vibration .....	147
Reset.....	147
WAP profiles.....	147
<b>Information</b> .....	<b>147</b>



**Note:** There are several ways to select items from menu lists. See "Menu selection method" on page 26.





Games

## Games

### Selecting games

Your phone has preinstalled Java™ applications. The downloaded Java™ applications are also listed here.

☛ Main menu > **Games** > **Games**

1. [▲/▼] to scroll to the required application
2. [□] (Options) → Select the required option

<b>Run</b>	Run the selected Java™ application.
<b>Permission</b>	Select <b>Network access</b> , <b>Messaging</b> or <b>Auto invocation</b> , then select <b>Always allowed</b> , <b>Ask first time</b> , <b>Ask every time</b> or <b>Not allowed</b> .
<b>Details</b>	Show the application name, version, vendor, storage size, etc.
<b>Delete</b>	Delete the selected Java™ application (except for the preinstalled applications).
<b>Activate</b>	Purchase your rights to run the selected Java™ application.

**Note:** Your phone supports J2ME™ Java™ applications. Other types of Java™ applications cannot be installed.

Bluetooth headset cannot be used for listening for sounds during the games.

**Games**



**SONIC THE HEDGEHOG**

This is a mobile version of the high speed action classic, "SONIC THE HEDGEHOG", which originally debuted in 1991 on the Mega Drive (SEGA Genesis).

Save the animals from the evil scientific genius, Dr. Eggman, and stop him from taking over the world!

Your objective is to get Sonic to the end of the game in one piece!

The game has 6 Zones, and each Zone is divided into 3 Acts. In Act 3, Dr. Eggman will arrive in his contraption. Beat him to clear the Zone.

➤ Main menu > **Games** > **Games** > **SONIC THE HEDGEHOG**

**Key operation:**

<b>Move/Dash right</b>	Press [▶] or press [6] key.
<b>Move/Dash left</b>	Press [◀] or press [4] key.
<b>Jump</b>	Press [▲] or press [2] key.
<b>Look Up</b>	Press [●] or press [5] key.
<b>Crouch</b>	Press [▼] or press [8] key.
<b>Spin</b>	Press [▼] or press [8] key (during dash).

**Soccer**

This game is a 3D soccer game. Play and win exhibition game with selected country.



➤ Main menu > **Games** > **Games** > **Soccer**

**Key operation:**


<b>Move/Dribble</b>	Press Navigation key.
<b>Shoot</b>	Press [#] key.
<b>Pass</b>	Press [●] or press [5] key with a ball.
<b>Slide tackle</b>	Press [●] or press [5] key without a ball.



## Suspending/Terminating the game

1. [- 2. Select **Suspend** or **Terminate**  
*When you select **Suspend**, Java™ icon (  ) appears on the standby screen.*






**To resume the game:**

-  Main menu > **Games** > **Games**
1. Select **Resume**  
*The Java™ application starts running.*

**Note:** You can also suspend the Java™ application by closing the flip.

## Download games

You can download games to your phone from WAP sites. For customer support of downloaded contents, visit the respective supplier's web sites.

-  Main menu > **Games** > **Download**
1. Select the required Java™ application  
*When the downloading is over, "Would you like to run application?" appears.*
  2. To run the Java™ application: [] / [To exit: [] / [

**Note:** Panasonic is not responsible for the performance of downloaded contents or possible corruption of phone software.  
For downloading contents, visit <http://box.panasonic.com/>

## Settings

➤ Main menu > **Games** > **Settings**

1. Select the required setting

<b>Sound volume</b>	Adjust the sound volume of Java™ applications.
<b>Backlight</b>	Switch the backlight on in <b>Application preference</b> or <b>System preference</b> , or switch <b>Off</b> .
<b>Vibration</b>	Switch the vibration function for Java™ applications <b>On</b> or <b>Off</b> .
<b>Reset</b>	Delete all the downloaded Java™ applications, reset records of preloaded Java™ application and initialise Java™ settings.
<b>WAP profiles</b>	Select the required profile setting.

## Information

You can view copyright information about the software used on the phone.

➤ Main menu > **Games** > **Information**

## Appendix

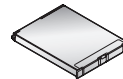
### Accessories

The following accessories are available for your Panasonic phone.

**Note:** Availability depends on your country/region.

#### Battery (EB-BS001)

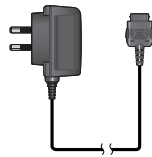
Double your talk time by having a spare battery.



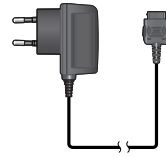
#### Travel Charger

Carry this wherever you go, so you can always recharge your battery.

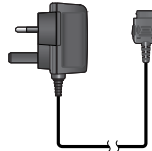
(EB-CA001 AU)



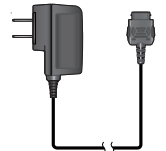
(EB-CA001 EU)



(EB-CA001 UK)



(EB-CA001 US)



## Appendix

### Personal Handsfree (Mono) (EB-EMX800)

Plug into your phone and talk without holding the phone to your ear.



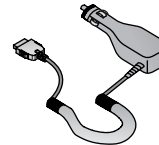
### Personal Handsfree (Stereo) (EB-EM001)

Talk/listen to the music and move while keeping your hands free, by using a Personal Handsfree. Put the ear pieces in your ears and the adaptor in the side of the phone.



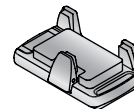
### In-Car Charger (EB-CD001)

Recharge the battery using your vehicle's cigarette lighter socket.



### Car Holder (EB-KA001)

This can be mounted in your vehicle to store your phone.

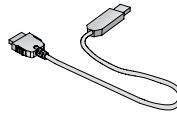


## Appendix

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### USB Cable (EB-USX800)

Use this to connect your phone to a PC to transfer data between them. Use in conjunction with the software provided on the CD-ROM.



### Branch Cable (EB-CBX800)

This cable branches the connection to a USB Cable, Personal Handsfree and Travel Charger so that you can transfer data OR talk on handsfree while charging.



### Bluetooth® headset (EB-BHX70)

Talk handsfree and without wires. Place the headset on your ear and the phone in your pocket, with no wires connecting the two.





**Appendix**

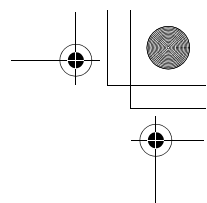
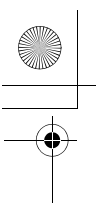
**Contact**

**(ASIA-PACIFIC)**

<b>AUSTRALIA</b>	Panasonic Australia	<b>132-600</b>
<b>HONG KONG</b>	Shun Hing Technology Co., Ltd.	<b>2313-0888</b>
<b>INDIA</b>	Panasonic India Pvt. Ltd.	<b>(0120)-256-7045</b>
<b>INDONESIA</b>	PT. MET GOBEL	<b>(021)-8015666</b>
<b>MALAYSIA</b>	Panasonic Malaysia Sdn, Bhd.	<b>(03)-55422288</b>
<b>NEW ZEALAND</b>	Panasonic New Zealand Ltd.	<b>(09)-272-0100</b>
<b>PHILIPPINES</b>	Panasonic Philippines	<b>(02)-899-4595 to 98</b>
<b>SINGAPORE</b>	Panasonic Singapore	<b>6282-6868</b>
<b>TAIWAN</b>	Panasonic Systems Sales Taiwan Co., Ltd.	<b>(02)-2227-6111</b>
<b>THAILAND</b>	Panasonic Siew Sales (Thailand) Co., Ltd.	<b>(02)-731-8888 ex. 2310</b>
<b>VIETNAM</b>	Matsushita Electric Industrial Co., Ltd. Ho Chi Minh Office	<b>(08)-8219160</b>

**(LATIN AMERICA)**

<b>BRASIL</b>	Panasonic do Brasil Ltda.	<b>(0800)-704-2019</b>
<b>COLOMBIA</b>	Panasonic de Colombia S.A.	<b>(1)-623-3383</b>
<b>MEXICO</b>	Panasonic de Mexico, S.A. de C.V.	<b>(55)-5-488-1000</b>
<b>PANAMA</b>	Panasonic Latin America, S.A.	<b>(229)-2955</b>
<b>PERU</b>	Panasonic Peruana S.A.	<b>(1)-614-0000</b>
<b>VENEZUELA</b>	Panasonic de Venezuela, C.A.	<b>(212)-945-3022</b>



## Appendix

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### CD-ROM

#### PC Software

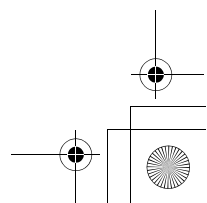
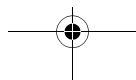
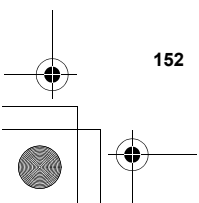
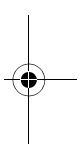
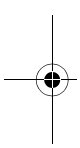
The CD-ROM supplied with your VS7 phone contains a software application which allows you to manage the information in your phone from a Personal Computer (PC). This application includes:

#### Handset Manager

With Handset Manager you can easily manage your phone information on a PC and synchronise it back to the phone. This information includes contacts, calendar, messages and the image, video and sound data held in your VS7 phone. For further information please refer to the documentation on the CD-ROM, or to the Panasonic website  
<http://panasonic.co.jp/pmc/products/en/support/index.html>

#### Installing the Software

The software is compatible with PCs and laptops running Microsoft Windows™ 98 SE, Windows Me, Windows 2000 and Windows XP. On most PCs the software should auto-install when the CD-ROM is inserted into the CD drive. If not, then autoplay must be manually selected in Windows Explorer. Follow the instructions that appear on the PC screen to install the software.



## Appendix

### Changing the X-Changeable Cover™

Before changing the cover, always switch off the power and disconnect the phone from the charger or any other device. For your safety, follow these procedures when removing or attaching the cover.

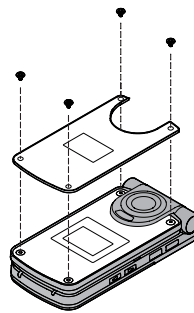
#### Removing the cover

Loosen and remove the 4 screws with the screw driver included in this package and then gently remove the cover.

#### Attaching the cover

Place the cover right in the hollow in the phone and align the bottom edge of the cover with that of the hollow. Tighten the 4 screws firmly.

Ensure that there is no dust caught between the cover and the hollow.



**Note:** Do not use the phone without the cover attached.

Do not force the cover when removing or replacing. Before tightening the screws, ensure the cover is located correctly. Do not force or over tighten the screws.

Use only covers designed for this model.

**Appendix**

**Troubleshooting**

**Problems**

Should any problem persist, contact your dealer.

<b>Problem</b>	<b>Cause</b>	<b>Remedy</b>
<b>Phone will not switch on.</b>		Check that the battery is fully charged and correctly connected to the phone.
<b>Extremely short battery life for a new battery.</b>	The network you are using and the condition of the battery can affect battery life.	
<b>Short battery life for an old battery.</b>	The battery has worn out.	Replace with a new fully charged battery.
<b>The battery charge level indicator does not appear and the phone cannot be switched on when charging.</b>	The battery is not attached to the phone or the battery has been deeply discharged.	Leave the phone charging the battery for a few minutes before the battery charge level indicator appears and attempt to switch the phone on.
<b>Battery fails to charge.</b>	The battery is not attached to the phone.	Ensure the battery is fitted to the phone prior to commencing charging.
	The battery was connected to the phone after the charger was connected.	

**Appendix**

<b>Problem</b>	<b>Cause</b>	<b>Remedy</b>
<b>Battery fails to charge.</b>	The battery temperature exceeds the charging temperature range (too hot or too cold).	Use the battery at room temperature.
<b>Display looks faded.</b>	The Brightness level is low.	Check the <b>Brightness</b> setting (see page 96).
<b>Calls cannot be made.</b>	Keyguard is on.	Disable keyguard.
	Outgoing calls are barred.	Disable outgoing call barring or barred dialling.
	Fixed dialling is switched on so that only the numbers stored in Contacts can be dialled.	Switch off the Fixed dialling.
	The phone is not registered with a network.	Move to a coverage area and operate your phone after it has registered with a network.
<b>Calls cannot be received.</b>	The phone is not switched on.	Switch the phone on.
	Incoming calls are barred.	Disable incoming call barring.
	The phone is not registered with a network.	Move to a coverage area and operate your phone after it has registered with a network.
<b>Emergency calls cannot be made.</b>	You are not in a GSM coverage area.	Check that the antenna symbol (⚡) is displayed - move to a coverage area and operate your phone when the antenna symbol is displayed.

## Appendix

### Error messages

These are some of the most important error messages which may be displayed:

<b>Location area not allowed!</b>	Roaming in the selected area is not allowed.
<b>Network not allowed!</b>	Roaming with the selected network is not allowed.
<b>Security failure!</b>	The network has detected an authentication failure because your SIM card is not registered with that network - contact your service provider.
<b>SIM blocked</b>	The SIM card is blocked because the PIN unblocking key (PUK) has been entered incorrectly 10 times - contact your service provider.
<b>Restarting SIM. Please wait</b>	The phone has detected a problem with the SIM card - switch the phone off and then back on; if the message is still displayed - contact your service provider.
<b>Invalid SIM</b>	The SIM card has failed one or more of the SIM personalisation checks - contact your service provider.
<b>Function unavailable</b>	The selected feature is either not supported by the SIM card or is not available with the current subscription - contact your service provider.
<b>PIN2 invalidated</b>	The PIN2 is blocked permanently because the wrong PUK2 has been entered 10 times, services controlled by PIN2 cannot be used - contact your service provider.
<b>Message rejected. Storage full or Message rejected. SIM full</b>	A message has been received but the message store is full - to receive messages, delete some of the currently stored messages.

**Appendix**

<b>Memory low! Message may not be stored</b>	The message area is full. Your messages cannot be stored until some of the currently stored messages are deleted.
<b>Verification failure</b>	On changing the PIN/PIN2, verification of the new code is incorrect - retry changing the PIN/PIN2 with correct verification.

**Glossary of terms**

<b>CSD</b>	Circuit Switched Data. A communication method used to transmit data over telephone connections.
<b>DTMF</b>	Dual Tone Multi-Frequency allows you to communicate with computerised phone systems, voice mailboxes, etc.
<b>GPRS</b>	General Packet Radio Service. A GSM transmission technique that transmits and receives data in packets rather than setting up a continuous channel.
<b>GSM</b>	Global System for Mobile communications. The name given to the advanced digital technology that your phone uses.
<b>Infrared</b>	A type of wireless connection that allows data to be transmitted directly to another device.
<b>Java™</b>	A programming language developed by Sun Microsystems. Programs written in Java do not rely on an operating system.
<b>Network Operator</b>	The organisation responsible for operating a GSM network.
<b>PIN / PIN2</b>	Personal Identification Number. PIN is used for SIM card security. PIN2 is used for the control of Fixed dialling and Call charges metering. Supplied by your service provider. If the PIN or PIN2 is entered incorrectly several times (basically 3 times), the PIN or PIN2 will be blocked.

## Appendix

<b>PUK / PUK2</b>	PIN or PIN2 Unblocking Key. Used to unblock the PIN or PIN2 code. Supplied by your service provider. If the PUK or PUK2 is entered incorrectly 10 times, the PUK or PUK2 will be blocked.
<b>Roaming</b>	The ability to use your phone on networks other than your home network.
<b>Service provider</b>	The organisation responsible for providing access to the GSM/GPRS network.
<b>SIM</b>	Subscriber Identity Module. A small smart-card which stores unique subscriber and user entered information such as Contacts entries and short messages. Supplied by your service provider.
<b>URL</b>	Uniform Resource Locator. The URL is an alphanumeric address that points to homepages and other Internet locations.
<b>WAP</b>	Wireless Application Protocol. The communication standard which enables you to download resources from the Internet to your phone.

## Specifications

<b>Bands supported</b>	GSM 900 Class 4 GSM 1800 Class 1 GSM 1900 Class 1
<b>Standby time*1</b>	Up to 240 hours
<b>Talk time*1</b>	Up to 300 minutes
<b>Charging time*2</b>	Up to 150 minutes
<b>Temperature range</b>	Charging: +5°C - +35°C Storage: -20°C - +60°C
<b>Weight</b>	113 g (including battery)



**Appendix**

<b>Dimensions</b> (excluding protrusions)	Height: 102 mm Width: 50.6 mm Depth: 18.7 mm
<b>Volume</b>	93 cc
<b>Battery</b>	830 mAh Li-ion
<b>Antenna</b>	Internal
<b>SIM type</b>	1.8 V/3 V
<b>Memory storage</b>	MMS: 2 MB User data (excluding MMS) and preinstalled applications: 30 MB
<b>Display</b>	Main display: QVGA 240 x 320 pixels TFT LCD; Approx. 16 million colours (JPEG and camera/video image* <sup>3</sup> ); Approx. 300 cd/m <sup>2</sup> brightness Sub display: 96 x 64 pixels STN LCD; 4 k colours
<b>Camera</b>	2 M pixels CMOS
<b>Connectivity</b>	Infrared: SIR (slow infrared) USB: v2.0 Bluetooth: Serial Port, Object Push, Generic Object Exchange, Headset and Handsfree profiles

\*1 Talk and Standby times will be dependant upon network conditions, SIM card, backlight usage, battery condition/charging management and the use of applications such as camera and games where available.

\*2 Charging time depends on usage and battery condition.

\*3 65 k colours for other image formats

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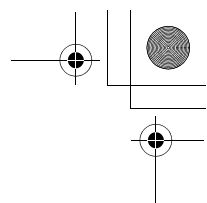
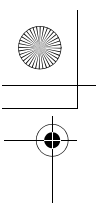
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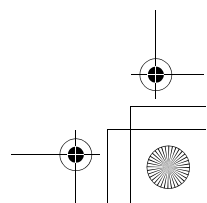
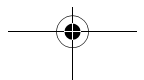
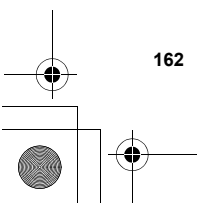
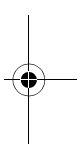
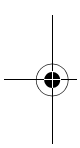


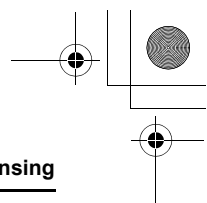
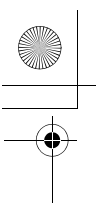
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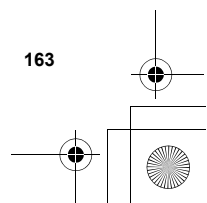
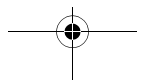
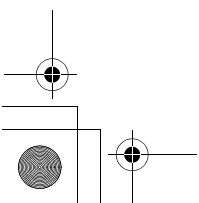
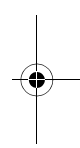
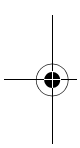
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