

Settings

External Light Colour

You can select from 7 colours and 1 pattern for each profile and change it during an incoming call.

“Settings” → “Profiles”

1. Highlight the profile you wish to customise.
2. Press [Options] and select “Personalise”.
3. Select “External Light”.
4. Select “For Voice Call”, “For Video Call” or “For New Message”.
5. Select the desired colour or “Off”.

Tip

- If you select “Disco” in step 5, all 7 colours flash in order during an incoming call.

Any Key Answer

You can answer a call by pressing any key except , , and [Busy]. For details, see page 37.

“Settings” → “Profiles”

1. Highlight the profile you wish to customise.
2. Press [Options] and select “Personalise”.
3. Select “Any Key Answer”.
4. Select “On” or “Off”.

Setting the Display (M 12–2)

You can change the settings of the display.

Wallpaper

For the stand-by screen, 5 pictures are provided.

Pictures taken with the digital camera or images downloaded from a WAP site can be used for wallpapers.

Setting My Pictures

“Settings” → “Display Settings” → “Wallpaper”

1. Select “My Pictures”.
2. Select the desired picture.
3. After displaying the picture, press .

Note

- Some pictures cannot be used because of their picture and data types.
- If the picture in My Pictures is already set, it is displayed in step 1. Press [Change] and select the desired picture.

Settings

Assigning the Pictures

Pictures can be displayed when turning the power on or off, when receiving an incoming call, or when operating the alarm.

Pictures taken with the digital camera or images downloaded from a WAP site can be used.

To Set Built-in Pictures

"Settings" → "Display Settings" → "System Graphics"

1. Select the desired scene to set the picture to.
2. Select "Preset Animation" when you select "Power On" or "Power Off" in step 1.
Select "Pattern 1", "Pattern 2" or "Pattern 3" when you select "Incoming Call" or "Alarm" in step 1.

To Set My Pictures

"Settings" → "Display Settings" → "System Graphics"

1. Select the desired scene to set the picture to.
2. Select "My Pictures".
3. Select the desired picture.
4. After displaying the picture, press .
5. Specify the area you wish to display using the navigation keys.

Note

- Some pictures cannot be used because of their picture and data types.
- If the picture in My Pictures is already set, it is displayed in step 2. Press [Change] and select the desired picture.

Setting the Font Weight

You can change the font weight displayed on the screen.

“Settings” → “Display Settings” → “Font Settings”

1. Select “Thin”, “Normal”, “Bold” or “Bolder”.

The preview image is displayed in the selected weight.

Setting the Greeting Message

You can set the message which is displayed when the phone is turned on.

“Settings” → “Display Settings” → “Greeting Message” → “Switch On/Off”

1. Select “On” or “Off”.
2. Select “Edit Message” and enter the message when you select “On” in step 1.

Up to 10 characters can be saved as a message.

Showing the Clock

You can display the calendar or the current date and/or time during stand-by.

To Set the Clock Display

“Settings” → “Display Settings” → “Clock & Calendar” → “Show Clock”

1. Select the desired clock type or “Off” to set clock display off.

Tip

- When you select “Calendar”, you can display one or two consecutive calendars by selecting “1 month” or “2 months”.

Settings

Backlight

The backlight will shut off if you do not press the keypad for a certain length of time. You can specify a desired time to elapse before the backlight shuts off, which will help conserve battery life.

Tip

- When you purchase this phone, Backlight is set to 15 seconds.

To Select the Backlight Time Out

"Settings" → "Display Settings" → "Backlight"

1. Select the desired time.

Select "Off" to shut it off.

Adjusting the Brightness of the Backlight

You can adjust the brightness of the backlight of the screen between 4 levels.

"Settings" → "Display Settings" → "Brightness"

1. Press ☀ (Light) and 🌑 (Dark) for maximum clarity.
2. Press ● .

Settings

Setting the Display Saving

The screen of this phone will automatically turn off after a given amount of time. You can change the length of time before the Display Saving goes into effect, which will help conserve battery life.

Tip

- When you purchase this phone, Display Saving is set to 2 minutes.

“Settings” → “Display Settings” → “Display Saving”

1. Select the desired time.

Note

- Display Saving does not work while you are making a call, using WAP, or using an application.
- To cancel the Display Saving: The display saving continues until either a key is pressed or there is an incoming alert. The first key press only cancels this function. You must press another key in order to enter any numerical or text value.

Sound Settings (M 12–3)

You can use this menu to check or edit the current Profiles settings (except “Any Key Answer”).

Settings

Time & Date (M 12–4)

You need to set the correct time and date in order for your phone's various time-based functions to work correctly.

"Settings" → "Time & Date" → "Set Date/Time"

1. Enter the day, month and year using the digit keys.
2. Enter the time using the digit keys.

Tip

- When you enter the time in the 12-hour format, press  or  to switch between am and pm. The order in which the date and time is displayed is based on the format setting.

Selecting the Time Format

"Settings" → "Time & Date" → "Time Format"

1. Select "24 Hour" or "12 Hour".

Selecting the Date Format

"Settings" → "Time & Date" → "Date Format"

1. Select from "D.M.Y", "M-D-Y" or "Y/M/D".

Setting the Daylight Saving

"Settings" → "Time & Date" → "Daylight Saving"

1. Select "On" or "Off".

Settings

Setting the Time Zone

“Settings” → “Time & Date” → “Set Time Zone”

1. Press  or  to select the home city to set.
2. Press .

Customising the Time Zone

“Settings” → “Time & Date” → “Set Time Zone” → [Options] → “Set Custom Zone”

1. Enter the city name.
2. Enter the time–zone differences using the digit keys.
Press  or  to switch between – and +.
3. Press .

Setting the Calendar Format

“Settings” → “Time & Date” → “Calendar Format”

1. Select “Sunday–Saturday” or “Monday–Sunday”.

Settings

Language Setting (M 12–5)

You can change the language that the phone uses to display messages.

“Settings” → “Language”

1. Select the desired language.

Tip

- You can also change the input language on the text entry screen (p. 53).

Note

- If you select “Automatic” in step 1, the language preset on the SIM/USIM card is selected.
- If the language preset on the SIM/USIM card is not supported, then the default language of the phone is selected.

Call Settings (M 12–6)

Set various types of functions and services for voice calls.

Diverts

Note

- This service may not be available on all mobile phone networks. Contact your network operator for more information.

This service is used to divert incoming calls to your voice mail system or to another phone number depending on certain conditions in which you cannot answer a call.

Settings

To Divert Calls

“Settings” → “Call Settings” → “Diverts”

1. Select one of the following options:

“All Calls”: Diverts all calls without ringing.

“When Busy”: Diverts incoming calls when you are talking on the phone.

“No Answer”: Diverts incoming calls if you do not answer a call within a certain period of time.

“Not Reachable”: Diverts incoming calls when your phone has no network service or is switched off.

“Cancel All”: Clears all the above settings.

If you select “No Answer”, go to step 5.

2. Select “On”.

3. Enter a phone number to which you wish to divert calls or search for it in the Contacts List (p. 61).

4. Press .

5. Select the period of time from 6 levels (05 to 30 seconds).

Note

- When a divert is set to “Voice calls” of “All Calls”, “ ” is displayed during stand-by.

Tip

- If you select “By Service” in step 2, you can select further divert options.

Settings

To Check the Divert Status

"Settings" → "Call Settings" → "Diverts"

1. Select the divert option you wish to check.
2. Select "Status".

Call Waiting

Note

- *This service may not be available on all mobile phone networks. Contact your network operator for more information.*

If you wish to be able to receive another incoming call while you have a call in progress, you must activate the Call Waiting service.

"Settings" → "Call Settings" → "Call Waiting"

1. Select "On", "Off" or "Status".

Showing Your Phone Number

This lets you control whether to show your phone number when calling another party or not.

"Settings" → "Call Settings" → "Show Your Number"

1. Select "On", "Off" or "Status".

Note

- *Some networks do not support this service. Please check with your service provider for availability.*

Call Information

With this setting On, the information of an incoming call is displayed.

“Settings” → “Call Settings” → “Display Call Info”

1. Select “On” or “Off”.

Restrict Calls

This function lets you place restrictions on incoming and outgoing calls. To activate this option you will need the specified password, which is available from your service provider.

“Settings” → “Call Settings” → “Restrict Calls”

1. Select from one of the following options:

“Outgoing Calls”:	Restricts outgoing calls.
“Fixed Dialling No.”:	Restricts calls for fixed dialling numbers in the Contacts List.
“Incoming Calls”:	Restricts incoming calls.
“Rejected Numbers”:	You can register for dialling numbers to be restricted.
“Withheld Call”:	Restricts withheld calls.
“Change N/W Password”:	Changes the network password.

2. Select one of the following options:

(For “Outgoing Calls”)

“Bar All Outgoing Calls”:	Restricts all outgoing calls except emergency calls.
“Bar International Calls”:	Restricts all outgoing international calls.
“Only Local & Home”:	Restricts all outgoing international calls except to your home country.

Settings

(For "Incoming Calls")

"Bar All Incoming Calls": Restricts all incoming calls.

"Bar if Abroad": Restricts all incoming calls when you are outside of the coverage from your registered network operator.

3. Select one of the following options:

(For "Outgoing Calls" and "Incoming Calls")

"All Services": Restricts all services.

"Voice Calls": Restricts all voice calls.

"Video Calls": Restricts all video calls.

"Fax": Restricts all fax calls.

"Messages": Restricts all messages.

"All except msgs": Restricts all services except messages.

4. Select "On", "Off" or "Status".

5. Enter the network password.

To Cancel Settings

"Settings" → "Call Settings" → "Restrict Calls"

1. Select "Outgoing Calls" or "Incoming Calls".

2. Select "Cancel All".

3. Enter the network password.

Settings

Fixed Dialling No.

When the Fixed Dialling No. is enabled, you can only call pre-registered numbers.

To Enable Fixed Dialling No.

“Settings” → “Call Settings” → “Restrict Calls” → “Fixed Dialling No.” → “Switch On/Off”

1. Select “On” to enable this function.

To Add a New Name

“Settings” → “Call Settings” → “Restrict Calls” → “Fixed Dialling No.” → “Edit Dial List”

1. Highlight the blank entry, press [Options], then select “Add New Dial”.
2. Enter your PIN2 code.
3. Add a name and a phone number.

For details on adding a name and a phone number, see “Add New Contact” on page 59.

4. Press [Save].

Rejecting an Incoming Call

You can register phone numbers you do not wish to answer.

To Reject the Registered Number

“Settings” → “Call Settings” → “Restrict Calls” → “Rejected Numbers” → “Switch On/Off”

1. Select “On” or “Off”.

Settings

To Register the Rejected Number

“Settings” → “Call Settings” → “Restrict Calls” → “Rejected Numbers” → “Set Rejecting Number”

1. Select a blank field.
2. Enter the desired number.

Changing the Network Password

“Settings” → “Call Settings” → “Restrict Calls” → “Change N/W Password”

1. Enter the old network password.
2. Enter a new network password.
3. Enter the new network password again.

If you enter the incorrect password, you are asked to enter the password again.

4. Press .

Minute Minder

Minute Minder function informs you of your talk time by sounding a tone after every minute.

“Settings” → “Call Settings” → “Minute Minder”

1. Select “On” or “Off”.

Displaying Call Timer

“Settings” → “Call Settings” → “Display Call Timer”

1. Select “On” or “Off”.

Auto Redial

“Settings” → “Call Settings” → “Auto Redial”

1. Select “On” or “Off”.

Video Call Settings (M 12–7)

Set various types of functions and services for video calls.

Selecting an Image for the Alternative Image

You can select your image to be sent through the internal camera from the saved picture files.

Selecting the Picture Quality

Select the desired incoming data format for your environment.

“Settings” → “Video Call Settings” → “Picture Quality”

1. Select from “Normal”, “Quality Prio.” or “Frame Rate Prio.”.

Select “Frame Rate Prio.” to perform faster communication.

Backlight

With this setting On, the phone’s backlight is on when making a video call.

“Settings” → “Video Call Settings” → “Backlight”

1. Select “On”, “As Normal Setting” or “Off”.

The “As Normal Setting” option depends on the backlight setting of the display (p. 178).

Mute

You can mute the microphone while making a video call.

“Settings” → “Video Call Settings” → “Mute Microphone”

1. Select “Unmute Microphone” to cancel the mute.

Settings

Assigning Hold Guidance Picture

You can display an image saved in the phone on your display while you are putting a call on hold.

“Settings” → “Video Call Settings” → “Hold Guidance Pict”

1. Select “Preset Picture” or “My Pictures”.
2. Select the desired picture.

Security (M 12–8)

Enabling/Disabling the PIN Code

If the PIN code is enabled you are asked to enter the PIN code each time the phone is switched on. Your PIN code is registered on the SIM/USIM card and you should have been made aware of the code when you purchased the SIM/USIM card. Contact your service provider for further details.

“Settings” → “Security Settings” → “PIN Entry” → “Switch On/Off”

1. Select “On” to enable the PIN code or “Off” to disable.
2. Enter your PIN code.

Note

- If you enter the wrong PIN code three times in step 2, the SIM/USIM card will lock. To remove the lock, contact your service provider/SIM/USIM card vendor.

To Change the PIN Code

This allows you to change the PIN code registered on the SIM/USIM card. Before you change the PIN code, select “On” in step 1 in “Enabling/Disabling the PIN Code”.

“Settings” → “Security Settings” → “PIN Entry” → “Change PIN”

1. Enter the existing PIN code.
2. Enter a new PIN code.
3. Enter the new PIN code again.

Settings

Changing the PIN2 Code

The PIN2 code is used to protect certain functions in the phone such as Fixed Dialling No. and call cost limits. The following shows you how to change the PIN2 code.

“Settings” → “Security Settings” → “Change PIN2”

1. Enter the existing PIN2 code.
2. Enter a new PIN2 code.
3. Enter the new PIN2 code again.

Handset Lock

The Handset Lock is an additional security feature which prevents unauthorised use of the phone or certain features.

“Settings” → “Security Settings” → “Handset Lock”

1. Select “On” or “Off”.
2. Enter your handset code.

The default handset code is “9999”. For details on changing the handset code, see “To Change the Handset Code”.

To Change the Handset Code

Before you change the handset code, select “On” in step 1 in “Handset Lock”.

“Settings” → “Security Settings” → “Change Handset Code”

1. Enter the old handset code.
2. Enter a new handset code.
3. Enter the new handset code again.

Settings

Phone Lock

By setting this option on, your phone will lock the keypad until the correct handset code is entered.

"Settings" → "Security Settings" → "Phone Lock"

1. Enter your handset code.

The default handset code is "9999". For details on changing the handset code, see "To Change the Handset Code" on page 192.

To Turn Off the Phone Lock

Enter your handset code during stand-by to turn the Phone Lock off.

Showing Secret Data

By setting this option on, the hidden data can be displayed.

"Settings" → "Security Settings" → "Show Secret Data"

1. Select "On" to display or "Off" to hide.

Settings

Memory Settings (M 12–9)

Viewing the Memory Status

“Settings” → “Memory Settings” → “Memory Status”

1. Select from “Handset” or “Memory Card”.

The memory status of the selected item is displayed.

Formatting Memory Card

“Settings” → “Memory Settings” → “Format Card”

1. Enter your handset code.

The default handset code is “9999”. For details on changing the handset code, see “To Change the Handset Code” on page 192.

2. Press [Yes] to start formatting.

Master Reset (M 12–10)

You can reset M5 and M12 settings or all settings from M1 to M12 and all created data.

Resetting M5 and M12 Settings

“Settings” → “Master Reset” → “Reset Settings”

1. Enter your handset code.

The default handset code is “9999”. For details on changing the handset code, see “To Change the Handset Code” on page 192.

Settings

Resetting All Settings from M1 to M12

“Settings” → “Master Reset” → “Reset All”

1. Enter your handset code.

The default handset code is “9999”. For details on changing the handset code, see “To Change the Handset Code” on page 192.

Call Log (M 11)

The phone will record the last 10 missed calls, received calls and dialed numbers.

Viewing Call Log

"Call Log"

1. Select from "All Calls", "Dialled Numbers", "Missed Calls" or "Received Calls".

The selected call log list is displayed.

To switch logs, press  or .

2. Select the phone number you wish to view.

If you wish to dial the number, press .

Tip

- You can also confirm call logs by pressing  during stand-by.

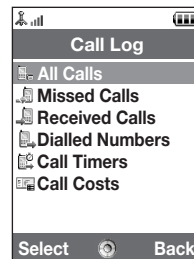
Sending Messages

1. In the call log list, highlight the call log you wish to send a message to.
2. Press [Options] and select "Create Message".

For details on creating a message, see "Creating a New Message" on page 85.

Note

- The Postcard service is not available with some service providers. Please contact your service provider for more information.



Deleting a Call Log

1. In the call log list, press [Options] and select "Delete".

Call Timers (M 11-5)

This function lets you check the duration of your calls.

Checking the Duration of the Last Call and All Calls

"Call Log" → "Call Timers"

1. Select "Received Calls" or "Dialled Numbers".

The duration of the last call and all calls is displayed.

Resetting Call Timers

"Call Log" → "Call Timers" → "Clear Timers"

1. Enter your handset code.

The default handset code is "9999". For details on changing the handset code, see "To Change the Handset Code" on page 192.

Call Log

Call Costs (M 11–6)

This function lets you check the charges for your calls. *Some networks do not support Charging Advice. Please check with your service provider for availability.*

Checking the Cost of the Last Call

“Call Log” → “Call Costs” → “Last Call”

The cost of the last call is displayed.

Checking the Total Call Cost

“Call Log” → “Call Costs” → “All Calls”

The cost of all calls is displayed.

Setting the Charge Rate

Set the charge rate to calculate the call cost and set the maximum limit for call cost.

“Call Log” → “Call Costs” → “Cost Units” → “Set Units”

1. Enter your PIN2 code.
2. Enter a currency unit (up to 3 characters).
3. Enter a cost per unit.

To enter a decimal point, press **[B.]**.

Call Log

Setting the Charge Limit

This function is useful if you wish to make sure you do not exceed a certain charge limit.

"Call Log" → "Call Costs" → "Max Cost" → "Set Limit"

1. Enter your PIN2 code.
2. Enter a value.

Checking the Residual Credit

"Call Log" → "Call Costs" → "Residual Credit"

Resetting All Call Costs

"Call Log" → "Call Costs" → "Clear Costs"

1. Enter your PIN2 code.

Connectivity (M 10)

By configuring the settings in this menu, you can connect to *Bluetooth* wireless technology or infrared enabled phones via these connections, as well as a PC via *Bluetooth* wireless technology or infrared connections.

Bluetooth (M 10-1)

For using the *Bluetooth* wireless function, you need to search for other *Bluetooth* wireless technology enabled devices to establish contact with your phone. Keep your phone within a distance of 10 metres before searching.

Using the Bluetooth Wireless Function

To Turn On or Off

“Connectivity” → “Bluetooth” → “Switch On/Off”

1. Select “On” or “Off”.

The *Bluetooth* wireless setting is activated, and “” is displayed.

To Show or Hide Your Phone

“Connectivity” → “Bluetooth” → “Visibility”

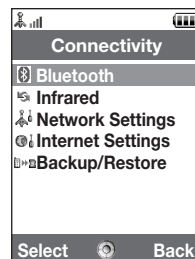
1. Select the desired visibility settings.

“Show My Phone”:

Allows other devices to recognise your phone.

“Hide My Phone”:

Hides your phone from other devices.



Connectivity

To Search for Devices to be Paired

“Connectivity” → “Bluetooth” → “Search for Devices”

The phone starts searching for devices within 10 metres. A maximum of 16 devices can be searched for and listed on the displayed.

1. Select the desired device for pairing.
2. Enter the device passcode.

Note

- *If the Bluetooth wireless function is off before searching, the phone turns the Bluetooth wireless function on automatically and starts searching.*
- *You can only select one device for pairing. To change the paired device, see “Handsfree Devices”.*

Handsfree Devices

You can activate, rename and delete the paired handsfree device in the list.

To Activate a Device

“Connectivity” → “Bluetooth” → “Handsfree Devices”

1. Select the device you wish to activate.

Connectivity

Tip

- You can save battery power by turning the Bluetooth wireless function off while it is not in use. Turn the Bluetooth wireless function off in "To Turn On or Off" on page 200 or in "To Turn Off Automatically" on page 204.
- During a call, you can divert voice calls to the paired device. Press [Options] and select "Enable Bluetooth" or "Disable Bluetooth". If you wish to disconnect the paired device, select "Off".

To Rename a Device

"Connectivity" → "Bluetooth" → "Handsfree Devices"

1. Highlight the device you wish to rename.
2. Press [Options] and select "Change Name".
3. Rename the device.

To Clear a Device Name

"Connectivity" → "Bluetooth" → "Handsfree Devices"

1. Highlight the device you wish to clear.
2. Press [Options] and select "Delete".

Paired Devices

You can rename and delete the paired device in the list.

“Connectivity” → “Bluetooth” → “Paired Devices”

1. Highlight the desired device.
2. Press [Options].
3. Select “Change Name” or “Delete”.

You can rename or delete by pressing  after selecting desired device.

To Send All Data to Other Devices

You can send all the data for applications such as Contacts List, Calendar, Tasks or etc. to selected devices.

“Connectivity” → “Bluetooth” → “Send All”

1. Select the desired device.

If a device is not specified, searching starts automatically.

2. Enter your handset code.

The default handset code is “9999”. For details on changing the handset code, see “To Change the Handset Code” on page 192.

3. Enter the device passcode for unpaired devices.
4. Select the desired data to send.

Note

- If the handsfree device is connected, the confirmation screen to deactivate the handsfree function is displayed. Press [Yes] to deactivate.

Connectivity

Bluetooth Wireless Settings

With this setting you can rename your phone, prevent other phones from recognising your phone, turn the *Bluetooth* wireless function off automatically to save battery power, etc.

To Rename Your Phone

You can rename your phone. The name is shown in other devices when your phone is detected.

“Connectivity” → “Bluetooth” → “Bluetooth Settings” → “Device Name”

1. Enter the new device name.

To Turn Off Automatically

“Connectivity” → “Bluetooth” → “Bluetooth Settings” → “Bluetooth Timeout”

1. Select the desired time.

Your phone turns the function off automatically in the specified time.

To Switch the Handsfree Settings

You can switch modes of the handsfree kit between two modes; talking with the handsfree kit or talking with the phone.

“Connectivity” → “Bluetooth” → “Bluetooth Settings” → “Handsfree Setting”

1. Select “Private mode” or “Handsfree mode”.

“Private mode”: For talking with the handset

“Handsfree mode”: For talking with the handsfree kit

Infrared (M 10–2)

In order to use the infrared function, you need to search for other infrared enabled devices to establish contact with your phone. Keep your phone within a distance of 20 centimetres before searching. The infrared setting will return to off when no data is transmitted/received via infrared communication.

Turning On or Off

“Connectivity” → “Infrared” → “Switch On/Off”

1. Select “On” or “Off”.

The infrared setting is activated, and “” is displayed.

Sending All Data

“Connectivity” → “Infrared” → “Send All”

1. Enter your handset code.

The default handset code is “9999”. For details on changing the handset code, see “To Change the Handset Code” on page 192.

2. Select the desired data to send.
3. Enter the authorisation code.

Network Settings (M 10–3)

System Settings

To Select a System Automatically

Each time the power is turned on, your phone always performs the selected system.

Connectivity

“Connectivity” → “Network Settings” → “System Settings”

1. Select “Auto”.

To Set the System Manually

“Connectivity” → “Network Settings” → “System Settings”

1. Select “GSM”.

Network Settings

To Select a Network Automatically

Each time the power is turned on, your phone always tries to connect to the preferred network.

If your phone is not connected to the network, you can perform the following immediately to establish the preferred network connection.

“Connectivity” → “Network Settings” → “Network Settings” → “Select Network” → “Automatic”

To Set the Network Manually

“Connectivity” → “Network Settings” → “Network Settings” → “Select Network” → “Manual”

1. Select the desired network.

To Add a New Network

“Connectivity” → “Network Settings” → “Network Settings” → “Select Network” → “Add New Network”

If there are no entries, press  and go to step 2.

If there is an entry, press  and perform the following steps.

Connectivity

1. Select "Add".
2. Enter the country code.
Up to 3 digits code can be entered.
3. Enter the network code.
Up to 3 digits code can be entered.
4. Enter a new network name.
Up to 25 characters can be entered.
5. Select "Select network type".
6. Select the desired network.

To Change the Position of a Network in the Preferred List

"Connectivity" → "Network Settings" → "Network Settings" → "Select Network" → "Set Preferred"

1. Select the name of the network you wish to change the position in the list.
2. Select "Insert" to insert over the selected position or "Add to end" to insert at the end.

To Delete a Network from the Preferred List

"Connectivity" → "Network Settings" → "Network Settings" → "Select Network" → "Set Preferred"

1. Select the name of the network you wish to delete.
2. Select "Delete".

Connectivity

To Cut the Network Connection

“Connectivity” → “Network Settings” → “Network Settings” → “Off Line Mode”

1. Select “On” or “Off”.

To Show the Network Information

“Connectivity” → “Network Settings” → “Network Settings” → “Network Information”

Information about the operator name, package and services are displayed.

Internet Settings (M 10–4)

Note

- In normal operations, you do not need to change the settings.
- Internet settings have already been made in your phone depending on your network operator. You may have restrictions on viewing, deleting, copying or modifying the settings. Contact your network operator for details.

“Connectivity” → “Internet Settings” → “Proxy”

Proxy

“Proxy Name”:	Proxy name (Unique name)
“IP Address”:	IP address
“Access Point”:	Access point
“Home”:	Home page URL
“Port Number”:	Port number (1 -65535)
“Authentication Type”:	Authentication Type (“HTTP-BASIC” or “HTTP-DIGEST”)
“User Name”:	User name for authentication
“Password”:	Password for authentication

“Connectivity” → “Internet Settings” → “Access Point”**Access Point**

“Access Point Name”:	Access point name (Unique name)
“APN”:	APN setting
“Authentication Type”:	Authentication type (“NONE”, “PAP” or “CHAP”)
“User Name”:	User name for access point
“Password”:	Password for access point
“DNS”:	DNS setting
“Linger Time”:	Linger time setting

“Connectivity” → “Internet Settings” → “Re-Provisioning Settings”**Re-Provisioning Settings**

“Execute Pending”:	Updates provisioning data.
--------------------	----------------------------

“Connectivity” → “Internet Settings” → “Clear DNS Cache”

Clears the DNS cache.

“Connectivity” → “Internet Settings” → “White List”**White List:**

“SMSC Address”:	SMSC address
“SM Originating Address”:	SM originating address

Connectivity

Application Settings

“Connectivity” → “Internet Settings” → “Application”

WAP Settings

“Profile Name”: WAP profile name (Unique name)
“Proxy”: Proxy setting for WAP

MMS Settings

“Profile Name”: MMS profile name (Unique name)
“Proxy”: Proxy setting for MMS
“Relay Server URL”: MMS relay server

Email Settings

“Account Name”: Email account name (Unique name)
“POP3”: Server name, user ID, password and port number for POP3 server
“SMTP”: Server name, user ID, password, port number for SMTP server and SMTP Authentication
“Access Point”: Access point for email
“Email Address”: Email address

Streaming Settings

“Profile Name”: Profile name for streaming (Unique name)
“Proxy Address”: Proxy address
“Port Number”: Port number (1-65535)
“Access Point”: Access point

Connectivity

To Activate the WAP/MMS/Email/Streaming Profile

“Connectivity” → “Internet Settings” → “Application”

1. Select from “WAP Settings”, “MMS Settings”, “Email Settings” or “Streaming Settings”.
2. Highlight the desired profile.
3. Press [Options] and select “Activate”.

To Edit the WAP/MMS/Email/Streaming Profile

“Connectivity” → “Internet Settings” → “Application”

1. Select from “WAP Settings”, “MMS Settings”, “Email Settings” or “Streaming Settings”.
2. Highlight the desired profile.
3. Press [Options] and select “Edit”.
4. Edit the desired item.

To Copy the WAP/MMS/Email/Streaming Profile

“Connectivity” → “Internet Settings” → “Application”

1. Select from “WAP Settings”, “MMS Settings”, “Email Settings” or “Streaming Settings”.
2. Highlight the desired profile.
3. Press [Options] and select “Copy”.
4. Edit the new profile name.

Connectivity

To Delete the WAP/MMS/Email/Streaming Profile

“Connectivity” → “Internet Settings” → “Application”

1. Select from “WAP Settings”, “MMS Settings”, “Email Settings” or “Streaming Settings”.
2. Highlight the desired profile.
3. Press [Options] and select “Delete”.
4. Press [Yes].

Backup/Restore (M 10–5)

With a memory card inserted in your phone, you can make backup files of Bookmarks, Text, Contacts, Calendar and Tasks in the handset memory card to the memory card. You can also restore the backup data from the memory card.

Making a Backup File on the Memory Card

“Connectivity” → “Backup/Restore” → “Backup”

1. Enter your handset code.
The default handset code is “9999”. For details on changing the handset code, see “To Change the Handset Code” on page 192.
2. Press [OK].
3. Select the desired item to backup.

Connectivity

To Backup All Files

“Connectivity” → “Backup/Restore” → “Backup”

1. Enter your handset code.
2. Press [OK].
3. Select “Select All”.

Restoring a Backup File

“Connectivity” → “Backup/Restore” → “Restore”

1. Enter your handset code.
2. Press [OK].
3. Select the desired item.
4. Select the desired file to restore.

A confirmation message indicates deletion from the memory card is displayed on the screen.

5. Press [Yes].

To Restore All Files

“Connectivity” → “Backup/Restore” → “Restore”

1. Enter your handset code.
2. Press [OK].
3. Select “Select All”.

A confirmation message indicating deletion from the memory card is displayed on the screen.

4. Press [Yes].

Connectivity

To Delete a Backup File

“Connectivity” → “Backup/Restore” → “Restore”

1. Enter your handset code.
2. Press [OK].
3. Select the desired item.
4. Highlight the desired file.
5. Press [Options] and select “Delete”.
A confirmation message to delete the selected file is displayed on the screen.
6. Press [Yes].

Connecting 802SH to Your PC

You can use the following functions by connecting the 802SH to your PC using an infrared port, USB port* or *Bluetooth* wireless technology port:

- 3G/GSM GPRS modem
- Handset Manager for 802SH

* Requires an optional USB data cable XN-1DC30 for USB port connection.

System Requirements

Operating System:

Windows® 98*, Windows® Me, Windows® 2000**, Windows® XP***

* Windows® 98 Second Edition, Windows® 98 Service Pack 1 with Internet Explorer 5.01 or later

** Service Pack 4

*** Service Pack 1a

Supported Software:

Microsoft® Outlook/Outlook Express

Interface:

Infrared port, USB port or *Bluetooth* wireless port

CD-ROM drive

Connecting 802SH to Your PC

3G/GSM GPRS Modem

You can use 802SH as a 3G/GSM GPRS modem to access the Internet from your PC. Connect your phone to your PC via *Bluetooth* wireless technology or USB interface. Software installation on your PC is required. For details, see "Software Installation" on page 217.

Modem via the USB Cable

To use the modem function using a USB cable, use the cable mentioned above and see the instructions accompanying the cable.

Modem via Bluetooth connection

To use the modem function via *Bluetooth* wireless technology interface, see "Using the Bluetooth Wireless Function" on page 200 and turn the modem function on.

For details on software support, refer to the following site:

<http://www.sharp-mobile.com>

Note

- *Modem communication is not possible while communicating with the Handset Manager via Bluetooth wireless technology, infrared or USB interface.*
- *Your phone exhausts the battery when connected to a PC, even when not communicating.*

Handset Manager

You can transmit the following items between your phone and your PC, and can use Contacts List entries on your PC:

- My Items files (pictures/sounds/video clips/Other Documents data)
- Contacts List entries
- Schedule entries

To use the Handset Manager function, see “Connecting 802SH to Your PC” on page 215 and set your phone to Data Transfer mode.

For details on software support, refer to the following site:

<http://www.sharp-mobile.com>

Software Installation

1. Insert the supplied CD-ROM into your CD-ROM drive.

The 802SH CD-ROM screen is displayed.

If the 802SH CD-ROM screen is not displayed, double-click [Launcher.exe] in your CD-ROM.

2. Press the desired button.

The installation starts.

3. Follow the on-screen instructions to complete installation.

Connecting 802SH to Your PC

Note

- The phone may not recognise the USB data cable if it is connected while an application (Camera, My Items, etc.) is running. Connect the USB data cable during stand-by.

Infrared communication

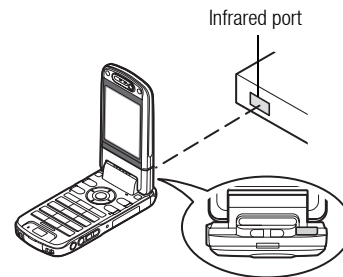
- Infrared ports need to be aligned with each other.
- Infrared ports need to be placed within 20 cm of each other and within a 30° angle.

3G/GSM GPRS modem

- It is not recommended that you make or answer calls when you are using 802SH as a 3G/GSM GPRS modem. The operation may be interrupted.

Handset Manager

- Some large files may not be able to be transmitted from the PC to the phone.
- Applications (Camera, My Items, etc.) do not run when the phone is connected to the PC via Bluetooth wireless technology interface, infrared port or USB data cable.



Troubleshooting

Problem	Solution
The phone does not turn on.	• Make sure the battery is properly inserted and charged.
PIN code or PIN2 code is rejected.	• Make sure you have entered the correct code (4 to 8 digits). • Your SIM/USIM card/protected functions will become locked after three unsuccessful attempts. • Contact your SIM/USIM provider if you do not have the correct PIN code.
The SIM/USIM card becomes locked.	• Enter the PUK code (8 digits) provided by your service provider (if supported). • If the attempt is successful, enter the new PIN code and confirm your phone is operational again. Otherwise contact your dealer.
The display is difficult to read.	• Adjust the backlight brightness for the display.
Phone functions do not work after the phone is turned on.	• Check the radio signal strength indicator as you may be outside the service area. • Check to see if any error message is displayed when you turn your phone on. If so, contact your dealer. • Make sure the SIM/USIM card is correctly inserted.
Calls cannot be made or received.	• If the message "SIM card error" is displayed when the phone is switched on, you cannot use your SIM/USIM card or the SIM/USIM card is damaged. Contact your dealer or network service provider. • Check your call barring, fixed dialling setting, remaining battery and call forwarding settings. • Check if your phone is currently performing data communication using Infrared (IrDA), <i>Bluetooth</i> wireless technology interface or a USB data cable. • Check the remaining balance if you are using a pre-paid SIM/USIM card.
Call quality is poor.	• Your current location may not provide good call quality (i.e., in a car or train). Move to a location where radio signal strength is greater.

Troubleshooting

Problem	Solution
Cannot access network service.	• Check where your account has been registered and where the service is available.
Cannot send or receive text message.	• Make sure you are correctly subscribed for the Short Message Service, that the network supports this service, and that the centre number is set up correctly. If not, contact your network service provider.
Cannot connect to Multimedia Messaging Service provider.	• MMS settings and configuration may be missing or incorrect or the network does not support it. Check your service provider's access point number. Contact your service provider to confirm the correct settings.
Limited memory available.	• Delete any unnecessary data.
Call is terminated unexpectedly.	• Magnetised objects such as health necklaces placed near the phone may terminate the call. Keep your phone away from such objects.
No entries are displayed in the Contacts List.	• Confirm that the Contacts Location setting (Handset or SIM/USIM) is made correctly.
Fax transmission failure	• Before transmitting fax data, configure your fax software to use the software flow control. • Use of the optional data cable is recommended for transmitting fax data.
Cannot receive OBEX data.	• The OBEX data can only be received only during stand-by. The message "Please return to stand-by." is displayed.

Safety Precautions and Conditions of Use

Your phone conforms to international regulations insofar as it is used under normal conditions and in accordance with the following instructions.

CONDITIONS OF USE

Electromagnetic waves

- Do not switch on your phone aboard an aircraft (as your phone may interfere with the aircraft's electronic systems). Current legislation forbids this use and legal action can be taken against the user.
- Do not switch on your phone in a hospital, except in designated areas.
- Use of your phone's function may affect the performance of medical electronic units (pacemakers, hearing aids, insulin pumps, etc.). When the phone function is on, do not bring it near medical equipment or into areas in which medical equipment is being used. If you have a hearing aid or a pacemaker, only use the phone on the opposite side of your body from where it is located. The phone should be kept at least 6 inches (15.24 cm) from a pacemaker ANYTIME the phone is switched on.
- Do not switch on your phone near gas or flammable substances.
- Observe the rules concerning the use of mobile phones at gasoline stations, chemical plants and at all sites where a risk of explosion exists.

Safety Precautions and Conditions of Use

Caring for your phone

- Do not allow children to use your phone without supervision.
- Do not open or attempt to repair your phone yourself. The product can only be repaired by authorised service personnel.
- Do not drop your phone or subject it to severe impacts. Bending the body and pushing the display or keys with extreme force could damage the phone.
- Do not use solvents to clean your phone. Use only a soft, dry cloth.
- Do not carry your phone in your back pocket as it could break when you sit down. The display is made of glass and is particularly fragile.
- Avoid touching the external connector on the underside of the phone, since the delicate components within can be damaged by static electricity.

Safety Precautions and Conditions of Use

Battery

- Use your phone only with batteries, chargers and accessories recommended by the manufacturer. The manufacturer disclaims any liability for damage caused by the use of other chargers, batteries or accessories.

- **Network configuration and phone usage will affect talk-time and stand-by time.**

Using the games or camera will hasten battery consumption.

- **When the battery charging alert is displayed on the screen, charge the battery as soon as possible.** If you continue using your phone ignoring the alert, the phone may cease to function, and all data and settings you have stored may be lost at any moment.
- Before removing the battery from the phone, make sure the phone is switched off.
- Replace and charge the new battery as soon as possible after removing the old one.
- Do not touch the battery terminals. Batteries can cause damage, injury or burns if a conductive material touches exposed terminals. When the battery is detached from the phone, use a cover made of non-conductive material for keeping and carrying the battery safely.
- Recommended temperature for using and storing batteries is approximately 20°C.
- The batteries' performance is limited in low temperatures, particularly below 0°C and the phone may not work temporarily regardless of the amount of remaining battery power.
- Exposing the phone to extreme temperatures will shorten battery life.

Safety Precautions and Conditions of Use

- The battery can be charged and discharged hundreds of times but it will eventually wear out. When the operating time (talk-time and stand-by time) is noticeably shorter than normal, it is time to buy a new battery.

CAUTION

RISK OF EXPLOSION IF BATTERY IS REPLACED
BY AN INCORRECT TYPE,

DISPOSE OF USED BATTERIES ACCORDING
TO THE INSTRUCTIONS

See "Battery Disposal" on page 21.

Aerial Care

- Do not cover the top of the phone (p. 17, No. 20) with your hand when in use as this may interfere with the performance of the built-in aerial. Call quality may deteriorate leading to shortened talk-time and stand-by time because the mobile phone has to operate on a higher power level than is necessary.

Safety Precautions and Conditions of Use

- Use only the aerial supplied or one approved by Sharp for your mobile phone. Using unauthorised or modified aerials may damage the mobile phone. Moreover, since the mobile phone may violate the appropriate regulations, it may lose performance or exceed the limitation of SAR levels.
- To avoid impaired performance, do not damage the aerial of the mobile phone.
- While talking directly to the microphone, please hold the mobile phone so that the aerial is upwards over your shoulder.
- To avoid interfering with blasting operations, please turn off the mobile phone in a blasting area or in a place where a "turn off two-way radio" sign is posted.

Safety Precautions and Conditions of Use

Camera Operation

- Learn picture quality, file formats, etc. beforehand.
The taken pictures can be saved in JPEG format.
- Be careful not to move your hand while taking pictures.
If the phone moves while taking a picture, the picture can become blurred. When taking a picture, hold the phone firmly to prevent it from moving, or use the delay timer.
- Clean the lens cover before taking a picture.
Fingerprints, oils, etc. on the lens cover hinder clear focusing. Wipe them off with a soft cloth before taking a picture.

Others

- As with any electronic storage unit, data may be lost or corrupted under various circumstances.

Safety Precautions and Conditions of Use

- Before connecting the phone with a PC or a peripheral unit, read the operation manual for the other unit carefully.
- If the phone's battery has been removed for some time, or the phone has been reset, the unit's clock and calendar may be reinitialised. The date and time should be updated in this case.

ENVIRONMENT

- Keep your phone away from extreme heat. Do not leave it on the dashboard of a car or near a heater. Do not leave it in any place that is extremely damp or dusty.
- Since this product is not waterproof, do not use it or store it where fluids such as water can splash onto it. Raindrops, water spray, juice, coffee, steam, perspiration, etc. will also cause malfunctions.

Safety Precautions and Conditions of Use

PRECAUTIONS CONCERNING VEHICLE USE

- It is the user's responsibility to check the local laws governing the use of a mobile phone in vehicles. Pay full attention to driving. Pull off to the side of the road, park the car, and switch off the engine before making or answering a call.
- Use of your phone's function may interfere with the vehicle's electronic systems, such as the ABS anti-lock brakes or the air-bag. To ensure no such problem occurs, please check with your dealer or car manufacturer before connecting your phone.
- Only allow qualified service maintenance personnel to install the vehicle accessories.

The manufacturer disclaims any liability for damage which may result as a consequence of improper use or use contrary to the instructions contained herein.

Safety Precautions and Conditions of Use

SAR

Your Sharp mobile phone has been designed, manufactured and tested so as not to exceed the limits for exposure to electromagnetic fields recommended by the Council of the European Union. These limits are part of comprehensive guidelines developed by independent scientific organisations. The guidelines include a substantial safety margin designed to assure the safety of the phone user and others and to take into account variations in age and health, individual sensitivities and environmental conditions. European standards provide for the amount of radio frequency electromagnetic energy absorbed by the body when using a mobile phone to be measured by reference to the Specific Absorption Rate (SAR). The SAR limit for the general public is currently 2 watts per kilogram averaged over 10 grams of body tissue. Your Sharp mobile phone SAR value is 0.686 watts per kilogram. This has been tested to ensure that this limit is not exceeded even when the phone is operating at its highest certified power. In use however your Sharp mobile phone may operate at less than full power because it is designed to use only sufficient power to communicate with the network.

Safety Precautions and Conditions of Use

PRECAUTIONS FOR USE IN USA

FCC Declaration of Conformity

This mobile phone 802SH with PC/Data interface cable XN-1DC30 complies with part 15 of the FCC Rules.

Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

Responsible Party:

SHARP ELECTRONICS CORPORATION

Sharp Plaza, Mahwah, New Jersey 07430

TEL: 1-800-BE-SHARP

Tested To Comply With FCC Standards
FOR HOME OR OFFICE USE



FCC Notice

The phone may cause TV or radio interference if used in close proximity to receiving equipment. The FCC can require you to stop using the phone if such interference cannot be eliminated.

Information To User

This equipment has been tested and found to comply with the limits of a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

Safety Precautions and Conditions of Use

However, there is no guarantee that interference will not occur in a particular installation; if this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

1. Reorient/Relocate the receiving antenna.
2. Increase the separation between the equipment and receiver.
3. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
4. Consult the dealer or an experienced radio/TV technician for help.

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

Exposure to Radio Waves

THIS MODEL PHONE MEETS THE GOVERNMENT'S REQUIREMENTS FOR EXPOSURE TO RADIO WAVES.

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

Safety Precautions and Conditions of Use

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

Before a phone model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government-adopted requirement for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model. The highest SAR value for this model phone when tested for use at the ear is 0.549 W/kg and when worn on the body, as described in this user guide, is 0.326 W/kg. Body-worn Operation; This device was tested for typical body-worn operations with the back of the phone kept 1.5 cm from the body. To maintain compliance with FCC RF exposure requirements, use accessories that maintain a 1.5 cm separation distance between the user's body and the back of the phone. The use of belt-clips, holsters and similar accessories should not contain metallic components in its assembly.

The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided. While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement for safe exposure.

Safety Precautions and Conditions of Use

The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF emission guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of <http://www.fcc.gov/oet/fccid> after searching on FCC ID APYHRO00039.

Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications & Internet Association (CTIA) web-site at <http://www.phonefacts.net>.

* In the United States and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements.

Optional Mobile Phone Antenna for Vehicle Use

For your safety concerning radio frequency radiation exposure pursuant to FCC guidelines, please keep a separation of 30cm or more away from an optional antenna. The correlation between minimum safe distance and antenna gain is given below, you can determine the minimum separation required by checking your antenna gain.

Antenna Gain	Minimum Safe Distance
2dBi	11cm
6dBi	18cm
10dBi	28.2cm

Specifications and Optional Accessories

Specifications

Weight:	Approximately 141 g (with battery)
Dimensions (W × H × D):	Approximately 50 × 102 × 26 mm (without protruding parts)
Battery:	Lithium Ion, 3.7 V, 870 mAh

Optional Accessories

- Lithium Ion Battery (XN-1BT90)
- Cigarette Lighter Charger (XN-1CL30)
- USB Data Cable (XN-1DC30)
- AC Charger (XN-1QC30, XN-1QC31)
- External Antenna Cable (XN-1AT90)
- Audio Remote-Controller (XN-1AR90)
- Car Holder (XN-1CH90)
- Desktop Holder (XN-1DH90)
- Stereo Headset (XN-1HS90)
- Handsfree Microphone Unit (XN-1HU90)

The above accessories may not be available in all regions.

For details, please contact your dealer.

Index

Symbols

- #/Flash Light Key 16
- * /Shift Key 14

A

- Alarms 150
 - Resetting 152
 - Setting 150
- Area Info 98
 - Enabling/Disabling 98

B

- Backup/Restore 212
 - Making a Backup File 212
 - Restoring a Backup File 213
- Battery 20
 - Charging 22
 - Disposal 21
 - Inserting 20
 - Removing 21
- Battery Cover 17
- Battery Level Indicator 23
- Bluetooth Wireless Function 200
- Built-in Aerial 17

C

- Calculator 152
- Calendar
 - Creating 146
 - Deleting Schedule Entries 149
 - Editing a Schedule Entry 148

- Receiving a Schedule Entry 148
- Sending a Schedule Entry 147
- Viewing a Schedule Entry 148
- Viewing the Memory Status 149
- Call Costs 198
 - Checking the Cost of the Last Call 198
 - Checking the Residual Credit 199
 - Checking the Total Call Cost 198
 - Resetting All Call Costs 199
 - Setting the Charge Limit 199
 - Setting the Charge Rate 198
- Call Log 196
 - Deleting 197
 - Sending Messages 196
 - Viewing 196
- Call Settings 182
 - Auto Redial 188
 - Call Information 185
 - Call Waiting 184
 - Changing the Network Password 188
 - Displaying Call Timer 188
 - Diverts 182
 - Fixed Dialling No. 187
 - Minute Minder 188
 - Rejecting an Incoming Call 187
 - Restrict Calls 185
 - Showing Your Phone Number 184
- Call Timers 197
 - Checking the Duration of the Last Call and All Calls 197

- Resetting Call Timers 197
- Camera (digital/video) 68
 - Adjusting the Exposure 70, 80
 - Auto Save 77
 - Changing the Picture Size 83
 - Continuous Shoot 73
 - Mobile Light 71, 80
 - Recording Close-up Video Clips 79
 - Recording Video Clips 78
 - Recording with Sound 82
 - Saving 76, 83
 - Selecting a Frame 74
 - Selecting the Picture Quality 75
 - Selecting the Picture Size 70
 - Selecting the Recording Time 81
 - Selecting the Scene 72
 - Selecting the Shutter Sound 75
 - Selecting Video Quality 82
 - Sending 69, 79
 - Switching to the Photo Camera Mode 82
 - Switching to the Video Camera Mode 74
 - Taking Close-up Pictures 69
 - Taking Pictures 68
 - Using the Timer 72
 - Using the Zoom Function 80
 - Viewing 80
- Cell Broadcasts 96
 - Enabling/Disabling 96
 - Reading 96
 - Setting Languages 96

Index

Subscribing 97
 Centre Key 14, 29
 Characters 51
 Changing the Input Languages 53
 Changing the Input Mode 53
 Using Templates 55
 Clear/Back Key 15
 Conditions of Use 221
 Connectivity 200
 Bluetooth 200
 Infrared 205
 Internet Settings 208
 Network Settings 205
 Contacts List 57
 Assigning a Ringtone or a Ring Video
 Clip 64
 Changing the List 58
 Changing the List Order 59
 Changing the Name Order 58
 Copying 61
 Creating 59
 Deleting 62
 Dialling 61
 Editing 62
 Finding 61
 Manage Group 63
 Memory Status 65
 Receiving 67
 Selecting the Storage Memory 59
 Sending 66

Setting in the Speeddial List 65
 Speeddial List 65
 Viewing My Contact Details 60
 Countdown Timer
 Editing the Countdown Time 164

D

Display 15
 Adjusting the Brightness of the Backlight
 178
 Assigning the Pictures 176
 Backlight 178
 Setting My Pictures 175
 Setting the Display Saving 179
 Setting the Font Weight 177
 Setting the Greeting Message 177
 Showing the Clock 177
 Wallpaper 175
 Display Indicators 29
 Display Position
 Normal Position 32

E

Earpiece 14
 Earpiece Volume 39
 Emergency Calls 35
 End/Power Key 15
 Expenses Memo 165
 Modifying the Category Name 166
 Recording 165
 Viewing Totals 165

External Camera 17
 External Connector 17

F

Flash Light Key 16
 Functions
 Navigating 33

G

Games & More 140
 Activating Files with Copyright
 Protection (DRM) 133
 Deleting an Application 142
 Downloading 131
 Executing 132
 Java™ Information 145
 More Games 133
 Receiving 135
 Sending 134
 Setting Network Access 141
 Setting Security Level 140
 Settings 143
 Switching the Screensaver On or Off
 142
 Using 131
 Viewing Application Information 142

H

Handset Code 192
 Handset Lock 192
 Handsfree Microphone Connector 17

I

- Incall Menu (Video Call) 46
 - Changing the Image of Yourself 46
 - Muting the Microphone 46
 - Swapping Images 46
 - Turning the Speaker On and Off 47
- Video Call Settings 47
- Incall Menu (Voice Call) 39
 - Accessing SMS/MMS Menu during a Call 40
 - Adjusting the Earpiece Volume 39
 - Call Waiting 41
 - Conference Call 41
 - Muting the Microphone 43
 - Putting a Call on Hold 40
 - Turning the Speaker On and Off 39

Infrared 205

Infrared Port 18

International Calls 36

Internet Settings 208

J

Java™ Applications 140

K

Keypad 16

Keypad Lock 28

L

Language Setting 182

Left Soft Key 14

M

Macro Switch 17

Master Reset 194

Media Player 107

Music Player 107

Switching between Music Player and
Video Player 107

Video Player 110

Memory Card

Inserting 25

Removing 26

Memory Card Slot Cover 18

Memory Settings 194

Formatting Memory Card 194

Viewing the Memory Status 194

Menu and Shortcut 49

Messages (MMS/SMS/Email)

Calling the Phone Number 91

Creating 85

Downloading 92

Email Settings 101

Forwarding 93

General Settings 98

Locking or Unlocking 93

MMS Settings 101

Reading 91

Remote Forward 93

Replying 92

Sending a Message in the Drafts Box 90

Sending with Postcard 94

SMS Settings 100

Sorting the Messages 93

Storing the Phone Number 91

Microphone 15

Mobile Light 17

Monaural Speaker 17

Multimedia Key 15

Music Player 107

Adding a File to the Playlist 108

Adding a New Playlist 110

Playing Back 107

Searching a File to Be Played Back 108

Streaming 109

My Items 114

Bookmarks 135

Games & More 131

My Saved Page 135

Other Documents 137

Pictures 115

Sounds & Ringtones 126

Text Templates 136

Videos 121

N

Navigation Keys 14

Network Settings 205

O

Organiser 146

Alarms 150

Index

Calculator 152
Calendar 146
Countdown Timer 164
Expenses Memo 165
Phone Help 166
Scanner 155
Stopwatch 159
Tasks 160
Voice Recorder 154
World Clock 163

P

PC Connection 215
 3G/GSM GPRS Modem 216
 Handset Manager 217
 Software Installation 217
 System Requirements 215
Phone Help 166
Pictures
 Adjusting the Size 117
 Downloading 120
 Editing 116
 Operating 118
 Saving to Contacts List Entries 116
 Sending a Picture File 117
 Switching the Memory Source 115
 Uploading 120
 Viewing 115
Power On and Off 26

Profiles 168
 Activating 168
 Any Key Answer 174
 Assigning a Ring Video Clip File 171
 Assigning a Ringtone 170
 Customising 168
 External Light Colour 174
 Keypad Tones 172
 Message Notification 172
 Resetting 169
 Ringer Volume 169
 Vibration 173

R

Redialling 37
Right Soft Key 15

S

Safety Precautions 221
Scanner 155
 Checking the Information of the Scanned Data 159
 Creating QR Codes 157
 Deleting the Scanned Data 158
 Reading Barcodes 155
 Renaming the Scanned Data 159
 Scanning Texts 157
Screensavers 142
 Setting Applications 143
Security 191
 Changing the PIN2 Code 192

Enabling/Disabling the PIN Code 191
Handset Lock 192
Phone Lock 193
 Showing Secret Data 193
Send/Redial Key 14
Shortcut Key 14
Side Keys 18
SIM Application 167
SIM Card 20
 Inserting 20
 Removing 21
Small Light 18
Sound Settings 179
Sounds & Ringtones
 Downloading 130
 Operating 128
 Playing Back 126
 Sending a Sound File 127
 Switching the Memory Source 126
 Uploading 130
 Using the Sound Files as a Ringtone 127
Speed Dialling 36
Stopwatch 159
Sub Camera (Internal Camera) 15
Switching the Screensaver On or Off 142

T

Tasks
 Creating 160
 Deleting 163

- Editing 161
- Sending 162
- Setting the Alarm 160
- Viewing the Memory Status 162
- Time & Date 180
 - Customising the Time Zone 181
 - Selecting the Date Format 180
 - Selecting the Time Format 180
 - Setting the Calendar Format 181
 - Setting the Daylight Saving 180
 - Setting the Time Zone 181

Troubleshooting 219

V

- Video Call
 - Answering 45
 - Letting the Caller Know You are Unavailable 45
 - Making 44
 - Rejecting 45
 - Status Indicators 44
- Video Call Settings 47, 189
 - Assigning Hold Guidance Picture 190
 - Backlight 189
 - Mute 189
 - Selecting Picture Quality 189
- Video Clip
 - Downloading 125
 - Operating 122
 - Playing Back 121

- Sending a Video Clip File 121
- Switching the Memory Source 121
- Uploading 124
- Video Player 110
 - Adding a File to the Playlist 111
 - Adding a New Playlist 112
 - Backlight 113
 - Editing the Video Clip File 113
 - Playing Back Video Clip Files 110
 - Searching a File to Be Played Back 111
 - Streaming 112
- Vodafone live! 102
- Voice Call 35
 - Answering 37
 - Call Waiting 41
 - Conference Call 41
 - Earpiece Volume 39
 - Making 35
 - Muting 43
 - Putting on Hold 40
 - Rejecting 38
 - Speed Dialling 36
- Voice Mail Key 14
- Voice Recorder 154
 - Recording 154
 - Selecting Storage Memory 155
 - Sending 154
 - Viewing Record Time 155

W

- WAP Browser
 - Browser Menu 104
 - Navigating a WAP Page 103
 - Starting 103
- World Clock
 - Setting the Daylight Saving 164
 - Setting the Time Zone 163

List of Menu Functions

Menu No./ Main Menu	Menu No./ Sub Menu1
1 Games & More	1 Games 2 Screensavers 3 Settings 4 Java™ Information
2 Vodafone live!	
3 Media Player	
4 Messages	1 Create New 2 Inbox 3 Drafts 4 Templates 5 Sent 6 Outbox 7 live! Studio 8 Messenger 9 Voice Mail 10 Cell Broadcasts 11 Area Info 12 Settings 13 Memory Status
5 Camera	
6 My Items	1 Pictures 2 Videos 3 Sounds & Ringtones 4 Games & More 5 Bookmarks 6 My Saved Page 7 Text Templates 8 Other Documents

Menu No./ Main Menu	Menu No./ Sub Menu1
7 Organiser	1 Calendar 2 Alarms 3 Calculator 4 Voice Recorder 5 Scanner 6 Stopwatch 7 Tasks 8 World Clock 9 Countdown Timer 10 Expenses Memo 11 Phone Help
8 Contacts	1 Contacts List 2 Manage Group 3 Speeddial List 4 My Contact Details 5 Advanced
9 SIM Application	
10 Connectivity	1 Bluetooth 2 Infrared 3 Network Settings 4 Internet Settings 5 Backup/Restore

List of Menu Functions

Menu No./ Main Menu	Menu No./ Sub Menu1
11 Call Log	1 All Calls 2 Missed Calls 3 Received Calls 4 Dialled Numbers 5 Call Timers 6 Call Costs
12 Settings	1 Profiles 2 Display Settings 3 Sound Settings 4 Time & Date 5 Language 6 Call Settings 7 Video Call Settings 8 Security Settings 9 Memory Settings 10 Master Reset