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Introduction

Thank you for purchasing this Panasonic digital cellular phone. This phone is designed to operate on GSM networks – GSM900, GSM1800 and GSM1900. It also supports GPRS for packet data connections. Please ensure the battery is fully charged before use.

Safety Considerations

The following information should be read and understood as it provides details, which will enable you to operate your phone in a manner which is both safe to you and your environment, and conforms to legal requirements regarding the use of cellular phones.

Power

This equipment should only be charged with approved charging equipment to ensure optimum performance and avoid damage to your phone. Other usage will invalidate any approval given to this apparatus and may be dangerous. Ensure the voltage rating of the Travel Charger is compatible with the area of use when travelling abroad.
A Travel Charger **EB-CAG70xx*** is supplied with the Main Kit.
NOTE*: xx identifies the charger region, e.g. CN, EU, UK, AU, US.

Battery

Use of another battery pack than that recommended by the manufacturer may result in a safety hazard.

Aircraft

Switch off your cellular phone when in an aircraft. The use of cellular phones in an aircraft may be dangerous to the operation of the aircraft, disrupt the cellular network and may be illegal. Failure to observe this instruction may lead to the suspension or denial of cellular phone services to the offender, or legal action or both.

Disposing of the Battery

Do not incinerate or dispose of the battery as ordinary rubbish. The battery must be disposed of in accordance with local regulations and may be recycled.

Do Not Use

It is advised not to use the equipment at a refuelling point. Users are reminded to observe restrictions on the use of radio equipment in fuel depots, chemical plants or where blasting operations are in progress. Never expose the battery to extreme temperatures (in excess of 60°C).

Driving

It is imperative that the driver exercises proper control of the vehicle at all times. Do not hold a phone while you are driving; find a safe place to stop first. Do not speak into a handsfree microphone if it will take your mind off the road. Always acquaint yourself thoroughly with restrictions concerning the use of cellular phones within the area where you are driving and observe them at all times.

Electronic Devices

Care must be taken when using the phone in close proximity to personal medical devices, such as pacemakers and hearing aids.

Efficient Use

For most efficient use, hold the phone as you would any normal phone. To avoid deterioration of signal quality or antenna performance, do not touch or “cup” the antenna area while the phone is switched on. Do not leave the camera facing direct sunlight to avoid impairing camera performance. Unauthorised modifications or attachments may damage the phone and violate applicable regulations. The use of an unapproved modification or attachment may result in the invalidation of your guarantee – this does not affect your statutory rights.

Heating Equipment

When your handset, the accompanying battery or charging accessories are wet, do not put those in any type of heating equipment, such as a microwave oven, a high pressure container, or a drier or similar. It may cause the battery, handset and/or charging equipment to leak, heat up, expand, explode and/or catch fire. Moreover, the product or accessories may emit smoke and their electrical circuits may become damaged and cause the

products to malfunction. Panasonic is not responsible for any and all damages, whether direct or indirect, howsoever caused by any misuse.

The colour liquid crystal display (LCD) uses high-precision production technology, and in certain circumstances pixels may appear brighter or darker. This is due to characteristics of the LCD and is not a manufacturing defect.

This equipment should only be used with Panasonic approved accessories to ensure optimum performance and avoid damage to your phone. Panasonic is not responsible for damage caused by using non-Panasonic approved accessories.
This phone must be used in compliance with any applicable international or national law or any special restrictions governing its use in specified applications and environments. This includes but is not limited to use in hospitals, aircraft, whilst driving and any other restricted uses.

Backup Copies and Security

It is recommended that you create a copy or backup, as appropriate, of any important information and data which you store in your phone's memory. In order to avoid accidental loss of data, please follow all instructions relating to the care and maintenance of your phone and its battery. Panasonic accepts no liability for any and all losses howsoever arising from any loss of data, including but not limited to direct and indirect losses (to include, but not limited to consequential loss, anticipated savings, loss of revenue).

Your phone has the capability of storing and communicating personal information. It is recommended that you take care to ensure that any personal or financial information is stored separately from your phone. You should use security features, such as the SIM lock to protect information held in your phone. Panasonic accepts no liability for any and all losses howsoever arising from any loss of data, including but not limited to direct and indirect losses (to include, but not limited to consequential loss, anticipated savings, loss of revenue).

Downloading

Your phone has the capability of downloading and storing information and data from external sources. It is your responsibility to ensure that in doing this you are not infringing any copyright laws or other applicable legislation. Panasonic accepts no liability for any and all losses howsoever arising from any loss of data or any such infringement of copyright or intellectual property rights, including but not limited to direct and indirect losses (to include, but not limited to consequential loss, anticipated savings, loss or revenues).

Camera

You are advised to take appropriate care over the use of the internal camera. It is your responsibility to ensure that you have permission to take photographs of people and objects and that you do not infringe any personal or third party rights when using the camera. You must comply with any applicable international or national law or other special restrictions governing camera use in specific applications and environments. This includes not using the camera in places where the use of photographic and video equipment may be prohibited. Panasonic accepts no liability for any and all losses howsoever arising from any infringement of copyright or intellectual property rights, including but not limited to direct and indirect losses.

The display layouts and screenshots within this document are for illustrative purposes and may differ from the actual displays on your phone. Panasonic reserves the right to change the information in this document without prior notice.
This Panasonic mobile phone is designed, manufactured and tested to ensure that it complies with the specifications covering RF exposure guidelines applicable at the time of manufacture, in accordance with EU, USA FCC, and Australian ACA regulations.

Please refer to our website for latest information/standards and compliance in your country/region of use.
http://www.panasonicmobile.com

Care and Maintenance

Pressing any of the keys may produce a loud tone. Avoid holding the phone close to the ear while pressing the keys.

Extreme temperatures may have a temporary effect on the operation of your phone. This is normal and does not indicate a fault.
The display quality may deteriorate if the phone is used in environments over 40°C for a long time.

Do not modify or disassemble the equipment. There are no user serviceable parts inside.

Do not subject the equipment to excessive vibration or shocks.
Do not drop the battery.

Avoid contact with liquids. If the equipment becomes wet, immediately remove the battery and contact your dealer.

Do not leave the equipment in direct sunlight or a humid, dusty or hot area.
Never throw a battery into a fire. It may explode.

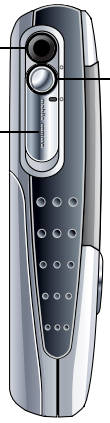
Keep metallic items that may accidentally touch the terminals away from the equipment/battery.
Batteries can cause property damage, injury, or burns if terminals are touched with a conductive material (i.e. metal jewellery, keys, etc.).

Always charge the battery in a well ventilated area, not in direct sunlight, between +5°C and +35°C. It is not possible to recharge the battery if it is outside this temperature range.

When disposing of any packing materials or old equipment, check with your local authorities for information on recycling.

Your phone

(Side view)



Camera Lens

Self-portrait Mirror

Lens Cover:
Slide halfway down to activate the camera.
Slide the cover all the way down to pop open the display.

(Front view)

Earpiece

Shutter Key:
Take a picture/record a video clip.
Switch Camera Preview mode on.

Navigation Key:
Scroll/move through menus.

Display

Left Soft Key:
Perform functions indicated in the lower left-hand corner of the display.

Right Soft Key:
Cancel/Exit.
Perform functions indicated in the lower right-hand corner of the display.

Send Key:
Answer/make a call.

Power/End Key:
Press and hold to switch the phone on/off.

Asterisk Key:
Press and hold to activate the Browser.

Silent Mode Key:
Press and hold to switch the Silent Mode on/off.

Charging Connector

Key functions

Key	Function
4	**Navigation Key:** Scroll or move through menus, text and phone numbers. In idle mode, press to activate the Shortcuts menus or press and hold 1 to turn the Auto Key lock on.
A	**Left Soft Key:** Perform the functions indicated by text shown in the lower left-hand corner of the display. In idle mode, press to activate the Menu display, or press and hold to activate the Messages menu.
@	**Right Soft Key:** Perform the functions indicated by text shown in the lower right-hand corner of the display. Mainly used to cancel and return to the previous menu level. In text entry mode, press to delete text. In idle mode, press to access the Contacts list, or press and hold to activate the Profiles menu.
# ~ ,	**Numeric Keys:** Enter numbers. Press and hold one of the keys from % to , for Hotkey dialling, or $ for voice message setting. In text entry mode, enter text, numbers and characters. Press and hold # to enter a "+" (international access code) or "P" (extension number code). To dial an extension number, dial the phone number first, press and hold # to add a "P", then enter the extension number.
C	**Send Key:** Make a call or answer a call. In idle mode, press to check the last dialled list. In text entry mode, press to switch between input methods.
D	**Power/End Key:** End/reject a call. During key operations, press to return to the previous display or press and hold to return to idle mode. In idle mode, press and hold to switch the phone on/off.
!	**Silent Mode Key:** In idle mode, press to enter "#", or press and hold to switch the Silent Mode (Vibration on/Ring off) on/off. In text entry mode, press to switch T9 smart English input mode on/off, or press and hold to enter characters.
"	**Asterisk Key:** In idle mode, press to enter " *", or press and hold to activate the Browser.

During a call

Minimal menu options are available during a call by pressing the following keys.

Key	Function
A	Activate Hands free/Hand held, Conference call, Call transfer, End, Split, Contacts list, Messages menu, Call status.
@	Put the call on hold or resume while connected to a calling party. Swap among calls while connected to two or more calling parties.
1	Increase the volume.
5	Decrease the volume.
C	Display the last dialled records list. Answer another call. If a phone number is entered, hold the active call and call the number.
# ~ , ! "	Send DTMF. Press and hold ! to switch the Hands free speaker on/off.

In Camera Preview mode

Shutter Key: Press to take a picture or record a video clip.

Displays

Idle display

Idle clock

The clock appears on the display one minute after you press the last key.

NOTE: All screen images in this manual are simulated.

NOTE: Some services described in this manual are network dependent or may only be available on a subscription basis. Some functions are SIM dependent. For more information, contact your service provider.

Status icons

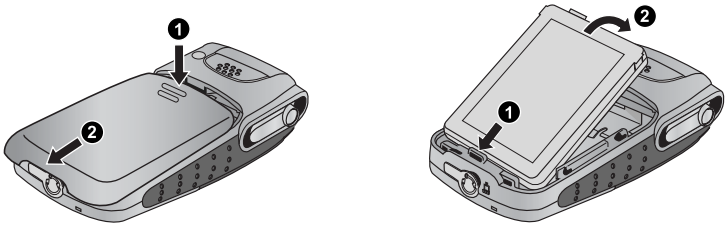
The status icons are displayed or animated according to the currently activated functions. The Antenna, Signal and Battery icons are displayed when the handset is switched on and connected to a network. If there is no network connection, the Signal icon will not be displayed.

Icon	Meaning
	Indicate the received signal strength – No CPHS.
	Indicate the received signal strength and Line 1 is enabled. The SIM supports CPHS.
	Indicate the received signal strength and Line 2 is enabled. The SIM supports CPHS.
	Registered to a non-home network – roaming.
	Call Diverts is on.
	Auto key lock is enabled.
	Message area is full.
	Unread message is stored.
	Voice mail indicator (voice mail has been received) – No CPHS
	Alarm is set.
	All tones or ring volume is off.
	Vibration alert is on.
	GPRS is active.
	GPRS service is available.
	Battery charged.
	Battery is charging.
	Low battery
	Abnormal charging

Fitting and removing the battery

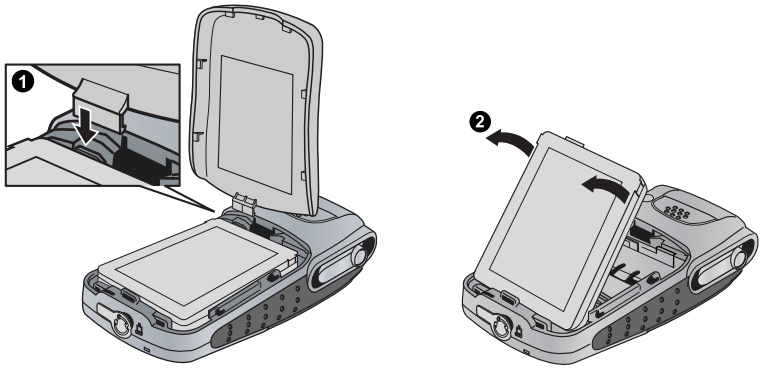
Before removing the battery, ensure that the phone is switched off and the charger is disconnected from the phone.

Fitting the battery



Remove the battery compartment cover.
Insert the battery, ensuring the 3 gold contacts align with the 3 gold pins in the phone.

Removing the battery

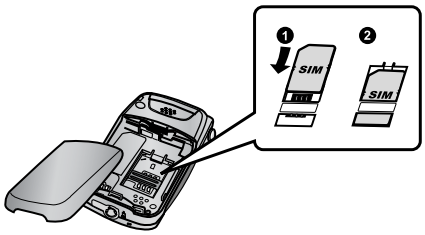


Push and hold the release latch ò towards the top of the phone using the cover clip, then lift the battery out ù .

Fitting and removing the SIM

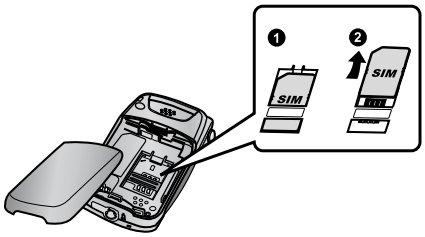
The SIM is inserted under the battery.

Fitting the SIM



Ensure the gold contacts are facing downwards before sliding the SIM into the SIM holder.

Removing the SIM



Whilst holding the tab down, slide the SIM out.

Charging the battery

Connecting and disconnecting the Travel Charger

The battery must be fitted in the phone before the charger is connected. Insert the Charging Connector into the socket at the base of the phone before connecting the charger to the mains outlet. Once connected, the Battery level indicator will start scrolling (see "Battery level indicator" on page 13). It is recommended to charge the battery for a minimum of 4 hours before first use.

NOTE: DO NOT force the connector as this may damage the phone and/or the charger. If the battery has been deeply discharged, it may take several minutes before the Battery level indicator is displayed.

When charging is complete, disconnect the charger from the outlet before removing the plug from the phone.

Battery level indicator

Phone Status	While charging	Charging complete
Phone on		
Phone off		

Low battery power warning

When the battery power is low, a “**Battery is low**” message will be displayed. If this occurs during conversation, finish your call immediately. The power will automatically switch off after the warning tone. Fully recharge the battery. See "Charging the battery" on page 12. (Calls can be made and received while the phone is charging.)

Symbols used in this manual

Symbols	Meaning
1 5 4	Press Navigation Key in the direction indicated by the arrow.
A	Press Left Soft Key.
@	Press Right Soft Key.
# ~ ,	Press Numeric Keys.
C	Press Send Key.
D	Press Power/End Key.
"	Press Asterisk Key.
!	Press Silent Mode Key.

Switching the phone on/off

1. Press and hold D for 2 to 3 seconds
2. The phone starts in idle mode
3. Press and hold D again to switch the power off

Making a call

Ensure that the signal strength meter shows network coverage is available in the current area.

ã *To make a call, start in idle mode.*

Standard dialling

1. Enter the area code and phone number C
   ã *The dialled number is displayed.*
2. When the other party answers, talk into the microphone

Earpiece volume: During a call, press 4 to adjust the earpiece volume.

Contacts dialling

1. @ (Contacts)
2. 4 required phone number C

Last number dialling

1. C
2. 4 required phone number C

International dialling

The international access code (+) and the destination country/region code should be entered, followed by the area code and phone number.

1. Press and hold # until "+" is displayed, then enter the country/region code
2. Enter the area code and phone number C

NOTE: Many countries/regions include an initial "0" in the area code. This should, in most cases, be omitted when dialling international numbers. If you have difficulties making international calls, contact your service provider.

Emergency call

To make an emergency call, the antenna ( ) must be present.

When SIM is inserted:

Enter the emergency number 112 C

When SIM is not inserted:

Enter the emergency number 112 C

OR

@ (SOS) > "**Emergency call**" A (Yes)

NOTE: Most countries support the international emergency number 112. If you find the number does not work on your phone, please call your service provider. Making emergency calls without a SIM is country or network operator dependent.

Ending a call

To hang up, D

ã *The duration of the call will be displayed.*

ã *If **Max cost** is on, the remaining units will be displayed.*
For setting "Max cost", please refer to page 92.

Answering a call

C

OR

If “**Any key answer**” is on,
In idle mode
press any key except D
(See “Any key answer” on page 40.)

Rejecting an incoming call:
Press D

Ring volume:

From **My Phone**

1. 4 **Sounds** > **Volume** A (Select)
2. 4 required Ringtone A (Select)
3. 4 Adjust the volume level A (OK)

One click mute on incoming call:

To set the ringtone and the vibration off,
@ (Mute)

- To answer the call when Mute is enabled, A (Reply)
- To reject the call when Mute is enabled, @ (Reject)

In-call operations

During a call, the following options are available by pressing A (Menu) or @ (Hold):

Hands free/Hand held

You can switch the phone between hands free and hand held.

During a call:

1. A (Menu)
2. 4 **Hands free** or **Hand held** A (Select)

Contacts list

You can access the Contacts list that is stored in the SIM or in your phone.

During a call:

1. A (Menu)
2. 4 **Contacts list** A (Select)

Messages

You can create, check, or send a message while on a call.
Please refer to "Creating an MMS message" on page 76 or "Creating an SMS message" on page 82.

During a call:

1. A (Menu)
2. 4 **Messages** A (Select)

Hold

You can put a call on hold.

During a call:

@ (Hold)

To resume:

A (Back)

NOTE: Hold is network dependent.

Making a second call

During a call:

1. Enter the second phone number or select a phone number from the Contacts list (see "Contacts list" on page 17).
2. C
   The first call is put on hold.

NOTE: Making a second call is network dependent.

Incoming call while on a call

NOTE: Call waiting must be on – see “Call waiting” on page 89.
Call waiting is network dependent.

During a call, you may receive another call.

1. To answer another call, C (The first call is placed on hold.)
   To disconnect another call, A (Reject)
2. During a conversation with a second caller, the following options are available by pressing A (Menu) or @ (Swap):

Conference

To create a conference call, you must be connected to more than one call.
In a conference call, you can talk with up to 5 parties.

During a call:

1. A (Menu)
2. 4 **Conference** A (Select)

NOTE: Conference is network dependent.

Call transfer

Call transfer connects your calling party to the other party on hold, then disconnects your line, leaving the two callers in the conversation.

During a call:

1. A (Menu)
2. 4 **Call Transfer** A (Select)

NOTE: Call transfer is network dependent.

End

You can select one of the calls to disconnect while in a conference call.

During a call:

1. A (Menu)
2. 4 **End** A (Select)

Split

You can separate an individual from the active conference call.

During a call:

1. A (Menu)
2. 4 **Split** A (Select)

NOTE: Split is network dependent.

Call status

Call status allows you to disconnect the line or put a call on hold with the active party. You can also activate a call that is put on hold.

During a call:

1. A (Menu)
2. 4 **Call status** A (Select)
3. 4 required active call A (Select)
4. A (End) to disconnect the line

OR

@ (Hold) to put the call on hold

- To resume, A (Back).
- You can activate the required inactive call by pressing A (Join) in step 3.

Swap

When you are connected to two calls, you can switch between the active call and the held call.

During a call:

@ (Swap) to switch to the other call on hold

DTMF

DTMF can be sent during a conversation. These are often used to access voice mail, paging and computerised home banking. For example, you may need to enter a number to remotely access voice mail messages. A phone number may be stored in the Contacts together with a DTMF sequence, allowing the number to be dialled upon recall and the DTMF sequence to be sent automatically.

To send DTMF during a call:

Enter digits (# ~ , , ! or ").

Pause dial

Using pauses allows you to send DTMF automatically.

1. Enter the phone number
2. Press and hold # until a "**P**" is displayed at the end of the phone number entered
3. Enter the DTMF digits after the pause, e.g. enter the number to access voice mail messages
4. C

ã *When the call is connected, the DTMF sequence will be sent after 3 seconds.*

Text entry

You can use alphanumeric characters to enter text:

Key	Text mode				Numeric
	T9®(T9abc, T9Abc, T9ABC) (Input language: English)		Multi tap (Input mode indicator: abc, Abc or ABC)		(0~9)
#	Space 0. , ? ! + - = : ¿ ¡ " ' ; _				0
$	1 / ( ) < > [ ] { } % ~ _ &				1
%	A B C 2 -	(a b c 2 -)	A B C 2 Ä	(a b c 2 ä à ç)	2
&	D E F 3 -	(d e f 3 -)	D E F 3 É	(d e f 3 é è)	3
'	G H I 4 -	(g h i 4 -)	G H I 4	(g h i 4 ì)	4
(	J K L 5 -	(j k l 5 -)	J K L 5	(j k l 5)	5
)	M N O 6 -	(m n o 6 -)	M N O 6 Ö Ñ	(m n o 6 ö ñ ò)	6
*	P Q R S 7 -	(p q r s 7 -)	P Q R S 7	(p q r s 7 ß)	7
+	T U V 8 -	(t u v 8 -)	T U V 8 Ü	(t u v 8 ü ù)	8
,	W X Y Z 9 -	(w x y z 9 -)	W X Y Z 9 Æ Ø Å	(w x y z 9 æ ø å)	9
C	Shift mode				
"	* Γ Δ Θ Λ Ξ Π Σ Φ Ψ Ω				*
!	(Hold) Space # £ $ ¥ ¤ @ \ § ^ I (new paragraph)				#

NOTE: Displayed characters in the T9® mode vary depending on the selected input language.
Use ! to toggle T9® on/off.
In T9® mode, press A repeatedly until the correct word is displayed. When "-" is reached, press @ to spell the word you require.

Shift mode change

In text entry mode, you can change mode by pressing and holding C .

Multi tap	Tegic
abc → Abc → ABC → 123	T9abc → T9Abc → T9ABC → 123

Text entry mode change

In text entry mode, to switch T9 mode on/off, press ! .

Auto capital change

Auto capital affects Abc and T9Abc.
When the entry mode is changed to Abc or T9Abc, the first character is input as upper case and subsequent letters as lower case.
When one of the following characters [. (Period) or ! or ?] is input before a space, the next character is input as upper case.

T9® Text Input:

Using this mode of text entry dramatically reduces the required number of key presses. Press a key once for any letter you require on that key. The desired letter may not be displayed. Continue pressing other keys until the end of a word is reached, then check that the word has been typed correctly before continuing on to the next word. If the combination of letters typed has produced a word which is not the one you require, press A repeatedly until the correct word is displayed. Then continue to the next word.

Example of Text entry in T9 Mode
To type a new message, follow these steps:

1. At the beginning of a new message, press and hold @ (Clear) to delete previous text, if necessary
2. Press C to change letter case, if necessary
3. Press % % ((. “Call” is displayed

Note that the displayed words change as you type. Always type to the end of the word before editing.
T9® languages can be selected from T9 Input – see “T9® Input“ on page 35.
If the word you require is not in the internal dictionary, it should be entered using the Multi tap mode.

Other text modes

Multi tap mode (abc, Abc or ABC):
Each time a key is pressed in quick succession, the next character available on that key is displayed. Releasing the key or pressing another key enters the character displayed. The cursor moves to the next position.

In T9 (Abc) or Multi tap (Abc) mode, the first entered letter in a sentence is in upper case.

Menu Display

NOTE: Menu display contents are dependent on your SIM.

The menu system allows you to access functions which do not have their own dedicated buttons on the keypad.

In idle mode

1. A (Menu)
   The main menu display has 9 menu options
   (see “Exploring the Menus” on page 25)
2. 4 required menu A (Select)

To go back to the Menu display:
D or @ repeatedly until the Menu display returns.

Exploring the Menus

The 9 main menus are as follows:

My Phone

My Media..... 27
Sounds..... 30
Display..... 32
Language..... 35
Alerts..... 35
Profiles..... 36
Auto answer..... 40
Any key answer..... 40
Auto key lock..... 40
Shortcuts..... 41
Defaults..... 41

Contacts

Browse..... 43
Create..... 46
Groups..... 49
SDN..... 49
Information number..... 50
Memory status..... 50
My Numbers..... 51
Hotkey dial..... 52
My Contacts..... 52

Games

Puddleland..... 53
Quadball..... 54
Exode..... 54

Browser

Start browser..... 57
Bookmarks..... 58
Settings..... 56
Push setting..... 59
Connectivity..... 60

*STK (SIM Tool Kit) is SIM dependent.

Camera

- (Camera)
Camera Preview mode..... 63
Still Picture mode..... 63
- (Video)
Video Preview mode..... 70
Still Picture mode..... 70

Messages

Create..... 76, 82
Inbox..... 78, 83
Outbox..... 80, 84
User Messages..... 84
Memory status..... 85
Settings..... 74, 81
Connectivity..... 85
Cell Broadcast..... 85

Phone Menu (or STK)*

Call Service..... 89
Call Diverts..... 93
Security..... 94
Network..... 99

Records

Last dialled..... 100
Answered..... 100
Unanswered..... 100
Delete records..... 101

Applications

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My Phone Menu

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My Media

My Pictures

Pictures taken by the built-in camera or images downloaded from the Internet are stored in the My Pictures folder.

From **My Phone**

1. 4 **My Media** A (Select)
2. 4 **My Pictures** A (Select)
3. 4 required picture
   A (Select)
4. 4 required option
   A (Select)

The following options are available after selecting the picture:

- ***View***
- ***Send via MMS***
- ***Set as wallpaper***
- ***Rename***
- ***Copy***
- ***Cut***
- ***Paste***
- ***Delete***
- ***Delete all***

My Videos

Video clips recorded by the built-in video recorder are stored in the My Videos folder.

From **My Phone**

1. 4 **My Media** A (Select)
2. 4 **My Videos** A (Select)
3. 4 required video A (Select)
4. 4 required option A (Select)

The following options are available after selecting the video clip:

- ***View***
- ***Send via MMS***
- ***Rename***
- ***Copy***
- ***Cut***
- ***Paste***
- ***Delete***
- ***Delete all***

My Sounds

Downloaded sounds are stored in the My Sounds folder.

From **My Phone**

1. 4 **My Media** A (Select)
2. 4 **My Sounds** A (Select)
3. 4 required sound A (Select)
4. 4 required option A (Select)

The following options are available after selecting the sound:

- ***Send via MMS***
- ***Set as ringtone***
- ***Rename***
- ***Copy***
- ***Cut***
- ***Paste***
- ***Delete***
- ***Delete all***

User 1~4

You can also store your pictures, videos and sounds in the user defined folders:

From **My Phone**

1. 4 **My Media** A (Select)
2. 4 **My Pictures**, **My Videos**, or **My Sounds** A (Select)
3. 4 required file A (Select)
4. 4 **Copy** A (Select)
5. **User 1**, **User 2**, **User 3**, or **User 4** A (Select)
6. A (Select) **Paste** A (Select)

Memory status

From **My Phone**

1. 4 **My Media** A (Select)
2. 4 **Memory status** A (Select)

ã *The available memory space, and used memory space are displayed.*

Sounds

Volume

You can change the volume of the following events:

- ***Other call***
- ***Contacts call***
- ***Alarm***
- ***Messages***
- ***Cell Broadcast***
- ***Group 1~10***

From **My Phone**

1. 4 **Sounds** A (Select)
2. 4 **Volume** A (Select)
3. 4 required events
   A (Select)
4. 4 Adjust the volume level
   A (OK)

Ringtones

You can change the ringtones of the following events:

- ***Other call***
- ***Contacts call***
- ***Alarm***
- ***Messages***
- ***Cell Broadcast***
- ***Group 1~10***

From **My Phone**

1. 4 **Sounds** A (Select)
2. 4 **Ringtones** A (Select)
3. 4 required event A (Select)
4. 4 **Embedded melody**, **Downloaded melody** or **Composed melody** A (Select)
5. 4 required ringtone A (Select)

Key tone

The key tone is the sound you hear when you press a key.

From **My Phone**

1. 4 **Sounds** A (Select)
2. 4 **Key tone** A (Select)
3. 4 **Off, Tone 1, Tone 2** or **Tone 3** A (Select)

Warning tone

The warning tone informs you of low battery.

From **My Phone**

1. 4 **Sounds** A (Select)
2. 4 **Warning tone** A (Select) > **On/Off**

Shutter sound

The phone makes a shutter sound when you take a picture.

From **My Phone**

1. 4 **Sounds** A (Select)
2. 4 **Shutter sound** A (Select)
3. 4 **Shutter sound 1, 2,** or **3** A (Select)

Display

Wallpaper

You can change the wallpaper on the idle display. Idle mode can also change to the clock.

From **My Phone**

1. 4 **Display** A (Select)
2. 4 **Wallpaper** A (Select)
3. 4 **Default image**, **Download image** or **Off** A (Select)
4. 4 required wallpaper
   A (Options)
5. 4 **Select** A (Select)

Greeting

You can create a greeting message that is displayed each time the phone is switched on.

From **My Phone**

1. 4 **Display** A (Select)
2. 4 **Greeting** @ (Edit)
3. Enter the greeting A (OK)
4. A (On/Off)

Animation

You can change the animation on the display when the phone is switched on.

From **My Phone**

1. 4 **Display** A (Select)
2. 4 **Animation** A (Select)
3. 4 **Animation 1** or **Animation 2** A (Select)

Contrast

You can adjust the contrast of the display.

From **My Phone**

1. 4 **Display** A (Select)
2. 4 **Contrast** A (Select)
3. 4 Adjust the contrast
   A (OK)

Brightness

You can adjust the brightness of the display.

From **My Phone**

1. 4 **Display** A (Select)
2. 4 **Brightness** A (Change)
3. 4 **Maximum**, **High**, **Medium**, or **Low** A (Select)

Colour themes

You can change the colour themes on the display.

From **My Phone**

1. 4 **Display** A (Select)
2. 4 **Colour themes**
   A (Change)
3. 4 required colour theme
   A (Select)

Language

T9® Input

When you create text, this function dramatically reduces the number of key presses.

From **My Phone**

1. 4 **Language** A (Select)
2. 4 **T9 Input** A (Select)
3. 4 required input type A (Change) > **On/Off**

Display Languages

It is possible to change the display language on your phone.

From **My Phone**

1. 4 **Language** A (Select)
2. 4 **Display Languages** A (Select)
3. 4 required language A (Select)

Alerts

You can set your phone to ring and/or vibrate when you receive a call or message.

From **My Phone**

1. 4 **Alerts** A (Select)
2. 4 required alert A (Select)

The following options are available when a call or message is received:

- ***Ring only***
- ***None***
- ***Ring & Vibrate***
- ***Vibrate only***
- ***Ring once***

Profiles

Activating a profile

You can switch between 6 different profiles in your phone, each with a distinct combination of alert method, ringtone, etc. Profiles are set up for use in different environments.

From **My Phone**

1. 4 **Profiles** A (Select)
2. 4 required profile A (Options)
3. 4 **Activate** A (Select)

The following profiles are available:

Normal	Suitable for everyday settings.
Quiet	Ringtone for formal occasions.
Outdoors	For noisy environments.
Headset	Ringing with vibration when it is difficult to hear the ringtone.
Meeting	For meetings.
Customer	For business settings.

Setting a profile

You can customise a profile by changing the alerts, ring volume, warning tone, key tone, and/or brightness.

Alerts:

From **My Phone**

1. 4 **Profiles** A (Select)
2. 4 required profile A (Options)
3. 4 **Change settings** A (Select)
4. 4 **Alerts** A (Select)
5. 4 required alert A (Select)

The following options are available when a call or message is received:

- ***Ring only***
- ***None***
- ***Ring & Vibrate***
- ***Vibrate only***
- ***Ring once***

Ring volume:

From **My Phone**

1. 4 **Profiles** A (Select)
2. 4 required profile
   A (Options)
3. 4 **Change settings**
   A (Select)
4. 4 **Ring volume** A (Select)
5. 4 required event A (Select)
6. 4 Adjust the volume level
   A (OK)

You can change the ring volume of the following events:
(See "Sounds" on page 30 for details.)

- ***Other call***
- ***Contacts call***
- ***Alarm***
- ***Messages***
- ***Cell Broadcast***
- ***Group 1~10***

Warning tone:

From **My Phone**

1. 4 **Profiles** A (Select)
2. 4 required profile A (Options)
3. 4 **Change settings** A (Select)
4. 4 **Warning tone** A (Select) > **On/Off**

Key tone:

From **My Phone**

1. 4 **Profiles** A (Select)
2. 4 required profile A (Options)
3. 4 **Change settings** A (Select)
4. 4 **Key tone** A (Select)
5. 4 **Off, Tone 1, Tone 2** or **Tone 3** A (Select)

Brightness:

From **My Phone**

1. 4 **Profiles** A (Select)
2. 4 required profile A (Options)
3. 4 **Change settings** A (Select)
4. 4 **Brightness** A (Select)
5. 4 **Maximum**, **High**, **Medium**, or **Low** A (Select)

Auto answer

When you use the optional personal hands free earpiece, you can answer a call automatically.

From **My Phone**

4 **Auto answer** A (Change) > **On/Off**

Any key answer

Calls can be answered by pressing any key (except D).

From **My Phone**

4 **Any key answer** A (Change) > **On/Off**

Auto key lock

The Auto key lock is used to prevent any keys from being pressed accidentally e.g. when the phone is being carried. This function automatically turns on shortly after the phone returns to Idle mode.

From **My Phone**

4 **Auto key lock** A (Change) > **On/Off**

Shortcuts

It is possible to make the shortcut for the specific menu so that you can access the menu directly from Idle mode.

From **My Phone**

1. 4 **Shortcuts** A (Select)
2. 4 required menu
   A (Change) > **On/Off**

Defaults

All personal settings are returned to their factory default settings.

From **My Phone**

1. 4 **Defaults** A (Select)
2. "**Restore default settings?**"
   A (Yes) or @ (No)

Contacts Menu

Contacts

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My Contacts
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- Phone 52

Browsing the Contacts list

Viewing the Contacts list in your SIM/Phone

You can search for a number in the Contacts list.

From **Contacts**

1. 4 **Browse** > **SIM** or **Phone** A (Select)
2. 4 required contact entry @ (View)

   OR

   Enter a letter to find a contact beginning with the specific letter
3. A (Options)
4. 4 **View** A (Select)

Editing the Contacts list

From **Contacts**

1. 4 **Browse** > **SIM** or **Phone** A (Select)
2. 4 required contact entry A (Options)
3. 4 **Edit** A (Select)
4. Enter the name 5
5. Enter the phone number 5
6. @ (Change) required location 5
7. @ (Change) required record number A (Save)

Deleting a Contacts entry

From **Contacts**

1. 4 **Browse** > **SIM** or **Phone** A (Select)
2. 4 required contact entry A (Options)
3. 4 **Delete** A (Select)
4. "**Delete this entry?**"
   A (Yes) or @ (No)

Deleting all Contacts entries

From **Contacts**

1. 4 **Browse** > **SIM** or **Phone** A (Select)
2. A (Options)
3. 4 **Delete all** A (Select)
4. "**Delete all entries?**" A (Yes) or @ (No)

Copying the Contacts entries to your SIM/Phone

From **Contacts**

1. 4 **Browse** > **SIM** or **Phone** A (Select)
2. 4 required contact entry A (Options)
3. 4 **Copy to SIM** or **Copy to Phone** A (Select)
4. "**Copy entry to phone?**" or "**Copy entry to SIM card?**"
   A (Yes) or @ (No)

Copying all Contacts entries to your SIM/Phone

From **Contacts**

1. 4 **Browse** > **SIM** or **Phone** A (Select)
2. 4 required contact entry A (Options)
3. 4 **Copy all to SIM** or **Copy all to Phone** A (Select)
4. "**Copy all entries to phone?**" or "**Copy all entries to SIM card?**" A (Yes) or @ (No)

Sending as SMS

From **Contacts**

1. 4 **Browse** > **SIM** or **Phone** A (Select)
2. 4 required contact entry A (Options)
3. 4 **Send SMS** A (Select)
4. Enter text A (Options)
5. 4 required option A (Select)

The following options are available:

- ***Send***
- ***Save***
- ***Save & send***
- ***Picture & sound***
- ***Format***
- ***User Messages***

ã *Please see "Creating an SMS message" on page 82 for details.*

Sending as MMS

From **Contacts**

1. 4 **Browse** > **SIM** or **Phone** A (Select)
2. 4 required contact entry A (Options)
3. 4 **Send MMS** A (Select)
4. @ (Insert)
5. 4 required media to insert A (Select)
6. A (Options)
7. 4 required option A (Select)

The following options are available when adding a required item to your MMS message:

- ***Insert picture***
- ***Insert text***
- ***Insert video***
- ***Insert sound***
- ***Insert page***

The following options are available after completing your MMS message:

- ***Send***
- ***Store***
- ***Delete object***
- ***Info***
- ***Page timing***
- ***Preview page***
- ***Preview MMS***

ã *Please see "MMS Options" on page 77 for details.*

Creating a Contacts list

Storing a Contacts entry in your SIM

From **Contacts**

1. 4 **Create** A (Select)
2. 4 **SIM** A (Select)
3. Enter the name 5
4. Enter the phone number 5
5. @ (Change) required location 5
6. @ (Change) required record number A (Save)

ã *"**Saved in SIM card**" is displayed.*
ã *You can select the country code by pressing @ (+List) in step 4.*

NOTE: The length and amount of data are SIM dependent.

Storing a Contacts entry in your phone

From **Contacts**

1. 4 **Create** A (Select)
2. 4 **Phone** A (Select)
3. Enter the name 5
4. Enter the phone number 5
5. Enter the E-mail address 5
6. Enter notes 5
7. @ (Change) required group 5
8. A (Options) > 4 **Change** A (Select) > 4 required caller ID 5
9. A (Options) > 4 **Change** A (Select) > 4 required melody A (Select)
10. When entries are completed, A (Options)
11. 4 **Save** A (Select)

ã *"**Saved in phone**" is displayed.*
ã *You can select the country code by pressing @ (+List) in step 4.*
ã *You can also enter or select an office phone number and mobile phone number under the phone number box following the same procedure as in step 4.*
ã *The entries are grouped together and are retained even if you damage your SIM.*

FDN

Storing a Contacts entry in FDN:

To store a fixed dial number, you need to enter your PIN2 code. The Fixed dial feature allows you to limit your outgoing calls to a certain set of numbers saved in FDN, which is located in your SIM. When this function is on, only the Fixed dial numbers can be dialled, and any attempt to call any other number will fail.

From **Contacts**

1. 4 **Create** A (Select)
2. 4 **SIM** A (Select)
3. Enter the name 5
4. Enter the phone number 5
5. @ (Change) **FDN** 5
6. @ (Change) required record number A (Save)
7. Enter your PIN2 A (OK)

ã *To activate this function, you need to set **Fixed dial** on. See page 97.*

ã *You can select the country code by pressing @ (+List) in step 4.*

Groups

You can categorise the Contacts list stored in your phone into 10 groups. You can select a particular ringtone for each group to identify the incoming call.

From **Contacts**

1. 4 **Groups** A (Select)
2. 4 required group A (Options)
3. 4 required option A (Select)

The following options are available:

View	View the Contacts entries in the selected group.
Set ringtone	Set the required ringtone.
Set image	Set the required icon to identify the group.
Rename	Rename the group.
Remove entries	Delete all Contacts entries in the selected group.

SDN

The SDN is a number provided by your network operator. These numbers are stored in the GSM-based SIM. You can view the list of SDNs or call the required SDN.

From **Contacts**

1. 4 **SDN** A (Select)
2. 4 required SDN A (Select) to call the number

   OR

   @ (View) to view the details

Information number

The Information number is sometimes included in a SIM which supports CPHS.

From **Contacts**

1. 4 **Information number** A (Select)
2. 4 required information number A (Select)

NOTE: Information number is SIM dependent.

Memory status

Memory status shows how many locations are available in the Contacts list.

From **Contacts**

4 **Memory status** A (Select)

Maximum memory capacity:

- ***ADN: 255 locations (SIM dependent)***
- ***FDN: 50 locations (SIM dependent)***
- ***Phone: 500 locations***

ã *ADN (Abbreviated Dialling Number) is used for quick access to frequently dialled numbers.*

My Numbers

My Number is a handy phone book where names and phone numbers can be stored and viewed.

From **Contacts**

1. 4 **My Numbers** A (Select)
2. 4 required entry A (Options)
3. 4 **Edit** A (Select)
4. Enter the phone number 5
5. Enter the name A (Save)

After selecting the required entry in step 2, you can view My Numbers entries by pressing @ (View).
The following options are available by pressing A (Options) in step 2:

View	View the selected My Numbers entry.
Edit	Edit the selected My Numbers entry.
Delete	Delete the selected My Numbers entry.

Hotkey dial

Setting the Hotkey dial

You can quickly dial phone numbers stored at locations 002~009 in the Contacts list.

From **Contacts**

1. 4 **Hotkey dial** A (Select)
2. 4 required Hotkey @ (Edit)
3. 4 required Contacts entry A (Select)
4. 4 required phone number A (Select)
5. "**Switch on hotkey setting**" A (Yes) or @ (No)
6. 4 required Hotkey A (On/Off)

ã *You must assign a required Contacts entry a Hotkey before switching the Hotkey on/off.*

NOTE: This function is SIM dependent.

Using the Hotkey dial

In idle mode

Press and hold a numeric key (% ~ ,)

My Contacts

You can select SIM or Phone so that the Contacts list directly accessed from Idle mode is set to the SIM or Phone Contacts list.

From **Contacts**

1. 4 **My Contacts** A (Select)
2. 4 **SIM** or **Phone** A (Select)

Games Menu

Games

Puddleland 53

Quadball 54

Exode 54

To select the game:

From **Games**

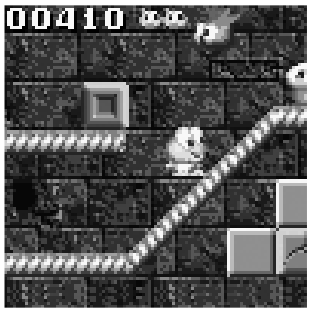
4 **Puddleland**, **Quadball** or **Exode** A (Select).

Puddleland

You cannot help falling in love with the cute little frog making his way by swallowing his enemies and spitting them out. Even the monsters are adorable. But don't be mistaken by the brilliant and lovable characters. This is a challenging platform game, where you need to keep on your toes if you want to stay ahead.

To start the game:

Press 4 to select **Start**, then press A .



Key operation:

' or C (move left),
) or D (move right),
5 , & or + (down),
1 , $ or # (jump),
A (swallow and spit out),
@ (Quit), " or ! (pause).

Quadball

You direct the differently coloured bubbles, and they merge with bubbles of the same shape.

To start the game:

Press A to start the game.

Key operation:

' or C (left),
) or D (right),
% or 1 (rotate left),
+ or 5 (rotate right),
A or ((quickly down),
@ or ! (paused).

Exode

The ball bounces off the walls and the bar that you control.
You pick up different objects that fall down when you destroy the “bricks”.

To start the game:

Press A or (to start the game.

Key operation:

C or ' (left),
D or) (right),
A (start),
@ or ! (paused).

Browser Menu

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- GPRS settings 60
- GPRS Info 60

Server settings

The phone's WAP (Wireless Application Protocol) Browser enables you to access Internet services supported by the network, such as news, weather reports, sport etc.
Before Internet services can be accessed, you need to subscribe to your network operator or Internet service provider (ISP) to enable the relevant configuration information. Please contact your network service provider if you have problems with your network settings.

NOTE: Modifying the default settings may cause failure of the Browser.

From **Browser**

1. 4 **Settings** A (Select)
2. 4 required server @ (Edit)

Five server settings can be set up in the phone. If you find your server's name under the settings option, select the server and @ (Edit). If no settings are present, contact your network service provider for these settings.
You can edit the following settings:

- ***Server name***
- ***IP address***
- ***IP port***
- ***Homepage***
- ***Linger time***
- ***Connection (Auto, CSD or GPRS setting)***
- ***CSD settings***
- ***GPRS settings***

NOTE: You need to set **CSD settings** or **GPRS settings** before setting the server information. See "Connectivity" on page 60.

Those configuration options will be given by your network service provider.
After completing the entry, press A (Save), then press A (Launch).

The first time that the Browser is activated there will be no content stored so the Home URL content will be displayed (as defined by the network operator). The Home URL will be recalled from the cache each time the Browser is activated (the cache is the phone's memory that stores content downloaded in the past).

Starting the Browser

From **Browser**

1. 4 **Start browser** A (Select)
2. Follow the instructions on the display

ã *While browsing a home page, press* C *. The menus below will be displayed.*

ã *To end the Browser, press and hold* D *.*

Home	Jump to the home page which is pre-defined in **Settings**.
Bookmarks	Select one of your bookmarks and jump to the page, or bookmark the page.
Save Items	Save items in the currently displayed page.
Reload	Reload and update the currently displayed page.
Go To URL	Enter a URL and jump to the currently displayed page.
Show URL	Display the URL of the currently displayed page.
SnapShots	Capture the screen image of the currently displayed page.
Advanced	**Inbox**, **Restart Browser** and **About** can be selected.
Settings	**Scroll Mode**, **Downloads**, **Security**, **View Title Region** and **Send Referrer** can be selected.

Bookmarks

Once you set your favourite page as a bookmark, you can quickly jump to the page.

Adding the Bookmark from the Browser menu

From **Browser**

1. 4 **Bookmarks** A (Select)
2. 4 required empty bookmark A (Options)
3. 4 **Edit** A (Select)
4. Enter the title and URL A (Save)

Adding the Bookmark to the home page

1. 4 **Start browser** A (Select)
2. 4 **Bookmarks** A (Select)
3. 4 **Mark Site** A
4. Enter the URL A (Save)

To bookmark **Panasonic Box**:
Enter
http://wap.panasonicbox.com
in step 4, then press A to save.

NOTE: Panasonic Box is network dependent.

Viewing the Bookmark

From **Browser**

1. 4 **Bookmarks** A (Select)
2. 4 required bookmark
   A (Options)
3. 4 **Launch** A (Select)

   OR

   @ (Launch) after selecting the required bookmark

NOTE: This service is network dependent or may only be available on a subscription basis.

Push setting

You can set the push setting to decide how you want to receive push messages sent by your service provider.

From **Browser**

1. 4 **Push setting** A (Select)
2. 4 **Always all**, **Always none** or **Always this specific SMS centre** A (Select)

Connectivity

You must set the data connections (GPRS and CSD settings) before setting the server information.

From **Browser**

1. 4 **Connectivity** A (Select)
2. 4 **CSD settings**, **GPRS settings** or **GPRS Info** A (Select)
3. 4 required setting A (Select)
4. Edit the required information A (Save)

You can edit the following after selecting the required connection setting:

CSD settings:

- ***Server name***
- ***Call type (ISDN/Analogue)***
- ***Dial number***
- ***Login name***
- ***Password***

GPRS settings:

- ***Server name***
- ***GPRS APN***
- ***Login name***
- ***Password***
- ***Authentication (Activate/ Deactivate)***

GPRS Info:
You can also select the GPRS info in step 2 to view the memory and duration of the GPRS service used.

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Camera

Camera

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Video Preview mode

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Still Picture mode

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Your camera

(Left side view)

Lens Cover:
Slide the cover halfway down to turn the Camera Preview mode on. When the cover is in the uppermost position, the Camera Preview mode is off. When the cover is slid all the way down, the LCD pops open.

(Right side view: LCD Open)

Shutter Key:
Press to take a picture or record a video clip. If the Camera Preview mode is not on even with the Lens Cover open, press to turn the Camera Preview mode on.

Taking a picture

You can take pictures with the built-in camera and send them in multimedia (MMS) e-mail messages. You can also use them as wallpaper.

Camera Preview mode:

In Idle mode or from the Camera menu, slide the Lens Cover halfway down to launch the Camera Preview mode. You can also turn the Camera Preview mode on by pressing the Shutter Key if the Camera Preview mode is not on even with the Lens Cover open.

Still Picture mode:

In Camera Preview mode, press the Shutter Key to take a picture. The display then turns into the Still Picture mode.

In **Camera Preview** mode

Press the Shutter Key to take a picture

Key functions in Camera Preview mode

Key	Function
1	Press to zoom in.
5	Press to zoom out.
!	Press to activate the camera function menu.
"	Press to display the camera function icons. To activate one of the functions, press $ ~) .

Zoom

In **Camera Preview** mode

Press 1 to zoom in or 5 to zoom out.

Viewfinder

In **Still Picture** mode

1. A (Options)
2. 4 **Viewfinder** A (Select)

ã *The viewfinder brings you back to the Camera Preview mode.*

Sending the picture via MMS

In **Still Picture** mode

1. A (Options)
2. 4 **Send via MMS** A (Select)
3. @ (Insert) to add multimedia files
4. A (Options)
5. 4 **Send via MMS** A (Select)
6. Enter the required information A (Options)
7. 4 **Send** A (Select)

Setting the picture as Wallpaper

In **Still Picture** mode

1. A (Options)
2. 4 **Set as wallpaper** A (Select)

Viewing the stored picture

In **Still Picture** mode

1. A (Options)
2. 4 **View pictures** A (Select)
3. 4 required picture A (Select)

Camera settings

Self timer

The self timer delays shooting for 10 seconds.

In **Camera Preview** mode

1. A (Options)
2. 4 **Self timer** A (Select)
3. 4 **On** or **Off** A (Select)

Frame

You can take a picture with a frame of your choice.

In **Camera Preview** mode

1. A (Options)
2. 4 **Frame** A (Select)
3. 4 **Off** or **Frame 1~10** A (Select)

Image size

You can make your picture larger or smaller.

In **Camera Preview** mode

1. A (Options)
2. 4 **Image size** A (Select)
3. 4 required image size A (Select)

The following image sizes are available:

- ***VGA (640 x 480 pixels)***
- ***CIF (352 x 288 pixels)***
- ***QVGA (320 x 240 pixels)***
- ***QCIF (176 x 144 pixels)***
- ***QQVGA (160 x 120 pixels)***
- ***Sub-QCIF (128 x 96 pixels)***

Quality

You can choose the image quality of your picture.

In **Camera Preview** mode

1. A (Options)
2. 4 **Quality** A (Select)
3. 4 **Fine** (90%), **Normal** (80%) or **Economy** (50%) A (Select)

ã *Fine produces a large file with a high resolution, while Economy produces a small file with a low resolution.*

Brightness

You can adjust the brightness in 5 steps.

In **Camera Preview** mode

1. A (Options)
2. 4 **Brightness** A (Select)
3. 4 Adjust the brightness
   A (Select)

Special effects

You can change your picture's colours.

In **Camera Preview** mode

1. A (Options)
2. 4 **Special effects** A (Select)
3. 4 **Normal**, **Mono**, **Sepia** or **Bluish** A (Select)

Twilight

You can turn the Twilight mode on when taking a picture in low light conditions.

In **Camera Preview** mode

1. A (Options)
2. 4 **Twilight** A (Select)
3. 4 **On** or **Off** A (Select)

Close up mode

You can turn the close up mode on when taking a picture at a close range.

In **Camera Preview** mode

1. A (Options)
2. 4 **Close up mode**
   A (Select)
3. 4 **On** or **Off** A (Select)

Anti flicker

The anti flicker indicates how many times an image appears on a display per second. The higher the anti flicker, the less obvious the screen flicker is.

In **Camera Preview** mode

1. A (Options)
2. 4 **Anti flicker** A (Select)
3. 4 **50** (Hz) or **60** (Hz) A (Select)

Default settings

All personal settings can be returned to their factory default settings.

In **Camera Preview** mode

1. A (Options)
2. 4 **Default settings** A (Select)

Recording a video clip

While the Camera Preview mode is active, the camera can be switched to a video recorder.

Video Preview mode:

In Idle mode or from the Camera menu, slide the Lens Cover halfway down and press the Right Soft Key to launch the Video Preview mode. You can also turn the Video Preview mode on by pressing the Shutter Key followed by the Right Soft Key.

Still Picture mode:

In Video Preview mode, press the Shutter Key to record a video clip. The display then turns into the Still Picture mode.

To switch the Camera Preview mode to the Video Preview mode: press @ .

Key functions in Video Preview mode

Key	Function
!	Press to activate the video function menu.
"	Press to display the video function icon.

Quality

In **Video Preview** mode

1. A (Options)
2. 4 **Quality** A (Select)
3. 4 **Fine**, **Normal** or **Economy** A (Select)

Default settings

In **Video Preview** mode

1. A (Options)
2. 4 **Default settings** A (Select)

Recording

In **Video Preview** mode

Press the Shutter Key to start recording a video clip

Press the Shutter Key once more to stop recording a video clip.

Playing the video clip

In **Still Picture** mode

1. A (Options)
2. 4 **Play** A (Select)

Viewfinder

In **Still Picture** mode

1. A (Options)
2. 4 **Viewfinder** A (Select)

Sending the video clip via MMS

In **Still Picture** mode

1. A (Options)
2. 4 **Send via MMS** A (Select)
3. @ (Insert) to add multimedia files
4. A (Options)
5. 4 **Send via MMS** A (Select)
6. Enter the required information A (Option)
7. 4 **Send** A (Select)

Viewing the stored video clips

In **Still Picture** mode

1. A (Options)
2. 4 **View videos** A (Select)
3. 4 required video clip A (Select)

Messages Menu

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MMS settings

Configuring MMS

From **Messages**

1. 4 **Settings** A (Select)
2. 4 **MMS** A (Select)
3. 4 **Server list** A (Select)
4. 4 required server @ (Edit)

NOTE: Your network operator may have pre-installed this number. Do not change this number as it may cause failure of MMS messaging.

Five server settings can be set up in the phone. If you find your server's name under the settings option, select the server and @ (Edit). If no settings are present, contact your network service provider for these settings.

You can edit the following settings:

- ***Server name***
- ***IP address***
- ***IP port***
- ***Homepage***
- ***Linger time***
- ***Connection (Auto, CSD or GPRS setting)***
- ***CSD settings***
- ***GPRS settings***

Setting the Send Options

From **Messages**

1. 4 **Settings** A (Select)
2. 4 **MMS** A (Select)
3. 4 **Send Options** A (Select)
4. 4 required send option A (Select)

The following Send options are available:

Delivery report	Decide whether or not you want confirmation that your message has been delivered. Select On or Off.
Own address	Choose whether or not to let the recipient see your address. Select Show or Hide.
Priority	Set the priority level for your sent messages. Select High, Normal or Low.

Setting the Receive Options

From **Messages**

1. 4 **Settings** A (Select)
2. 4 **MMS** A (Select)
3. 4 **Receive Options** A (Select)
4. 4 required receive option A (Select)

The following receive options are available when you want to decide how to deal with incoming MMS message:

Validity period	Set the duration that your message is stored at the message centre. Select 1 Hour, 12 Hours, 1 Day, 1 Week or Maximum.
Normal	Select Auto retrieve, Auto reject or Auto defer.
Anonymous sender	Select Auto retrieve or Auto reject.
Advertisements	Select Auto retrieve or Auto reject.
Delivery report	Select Permit or Reject.

Creating an MMS message

Inserting a multimedia file

From **Messages**

1. 4 **Create** A (Select)
2. 4 **MMS** A (Select)
3. @ (Insert)
4. 4 required insert option
   A (Select)

The following options are available to select the required multimedia file:

- ***Insert picture***
- ***Insert text***
- ***Insert video***
- ***Insert sound***
- ***Insert page***

MMS Options

From **Messages**

1. 4 **Create** A (Select)
2. 4 **MMS** A (Select)
3. @ (Insert) to add the required media A (Select)
4. A (Options)
5. 4 required option
   A (Select)

After completing an MMS message, you can select one of the following options:

Send MMS	Send the completed MMS message. Press A (Options) to recall the Contacts list, then select the recipient's phone number. Press A (Options) once more to send the message.
Store MMS	Store the completed MMS message. Press A (Select) to confirm that the message has been saved.
Delete items	Delete the selected text, picture, sound and/or video clip.
Info	Show the page timing, the type of image and/or attached sound files, the message size, and the resolution.
Page timing	Set the time intervals at which each page is sent.
Delete page	Delete the selected page.
Preview page	Preview the selected page.
Preview MMS	Preview the completed MMS message.

Sending an MMS message

From **Messages**

1. 4 **Create** A (Select)
2. 4 **MMS** A (Select)
3. @ (Insert) to add the required media A (Select)
4. A (Options)
5. 4 **Send MMS** A (Select)
6. Enter the phone number

   OR

   A (Options) 4 **Contacts list** A (Select) to select the phone number
7. A (Options) **Send** A (Select)

Receiving an MMS message

From **Messages**

1. 4 **Inbox** A (Select)
2. 4 **MMS** A (Select)
3. 4 **Waiting** A (Select)
4. 4 required MMS message

   A (Select) > A (Receive) to receive the remainder of the MMS message

   OR

   4 **Received** A (Select)