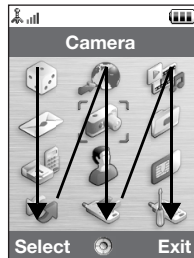








## Using the Menu



### Top Menu

1. Press  during stand-by.  
The Main menu is displayed.
2. Press , , , or  to highlight the desired menu, then press  to access the function.  
The sub menu is displayed.  
For details on the menu options, see the table on pages 240 and 241.


### Using the Menu in the Viewer Position of the Display

1. Set the phone in the viewer position of the display.
2. Press the camera key to display the Main menu.
3. Press the side-up or side-down key to move the focus up or down, then press the camera key.  
Press the cancel key to return to the Main menu.  
The focus moves the same as in the normal position of the display by using the side-up and side-down keys illustrated by arrows.  
For details on the functions of these keys, see page 18.

## Using the Menu

---

### Shortcuts

Your phone has a shortcut key (assigned to the shortcut key: ) with which you can access the desired menu quickly. The default shortcuts are as follows, which you can later customise:

- Dialed Numbers
- Received Calls
- Calendar
- Calculator
- Voice Recorder




To Use the Shortcuts

1. Press the shortcut key.
2. Select the desired item.

To Customise the Shortcuts

1. Press the shortcut key.
2. Press [Options] and select "Assign".  
The list of the available items is displayed.
3. Select the desired item.

### Note

- To move the item in the list that appears in step 1, highlight the item, press [Options] and select "Move".  
Then press  or  to the desired location and press .

## Entering Characters

When entering characters to create Contacts List entries, text messages or multimedia messages, etc., press the corresponding keys.

In multi-tap input method, press each key until the desired character is displayed. For example, press **[2]** once for the letter A or twice for the letter B.






### Table of Characters



Pressing each key scrolls characters in the following order. The order varies depending on the language selected.

#### English Mode


Key	Upper Case Characters	Lower Case Characters	Numeric
<b>[1]</b> <small>1_00</small>	.	(full-stop) , (comma) - (hyphen) ? ! ' (apostrophe) @ : 1	1
<b>[2]</b> <small>2_abc</small>	ABC2	abc2	2
<b>[3]</b> <small>3_def</small>	DEF3	def3	3
<b>[4]</b> <small>4_ghi</small>	GHI4	ghi4	4
<b>[5]</b> <small>5_jkl</small>	JKL5	jkl5	5
<b>[6]</b> <small>6_mno</small>	MNO6	mno6	6
<b>[7]</b> <small>7_pqrs</small>	PQRS7	pqrs7	7


## Entering Characters

Key	Upper Case Characters	Lower Case Characters	Numeric
	TUV8	tuv8	8
	WXYZ9	wxyz9	9
	(space) + = < > € £ \$ ¥ % & 0		0
	Switches character case between four modes: Abc, ABC, 123 and abc.		
	. , ? ! : ; - + # * @ ' " ( ) _ & € £ \$ % / ^ < > § = \   ¥ ÷ ¡ ¢ £ ¤ ¥ ¦ § ¨ © ª « ¬ ® ¯ º » ¼ ½ ¾ ¿ À Á Â Ã Ä Å Æ Ç È É Ê Ë Ì Í Î Ï Ñ Ò Ó Ô Õ Ö × Ø Ù Ú Û Ü Ý Þ ß à ù ù Δ Φ Γ Λ Ω Π Ψ Σ Θ Ξ (space) ␣		

 -  : Press and hold to enter 0 - 9 numbers.



 : Press and hold to shift between multi-tap and T9 mode.

 : Press and hold to display the Input Language screen.

### Changing the Input Languages

You can change the input language on the text entry screen.

1. On the text entry screen, press [Options] and select “Input Language”.
2. Select the desired language.

### Changing the Input Mode

#### T9 Text Input

T9 text input method is a shortcut to enter text easily and quickly.

1. On the text entry screen, press and hold [x] to enter T9 mode.
2. Press [Options] and select “Input Mode”.
3. Select the input mode (Abc, ABC, abc, 123).
4. Press each key once for any letter you require on that key.

To enter the word “How”, press [H] [O] [W].

5. If the word shown isn't the one you want, press [▲] or [▼] until you highlight the correct one.
6. Press [○] to select the word.

#### Note

- If the correct word is not shown in step 5, enter the correct word again after switching to the multi-tap input method.

## Entering Characters

---

### Tip

- If you press  instead of step 6, a space is inserted next to the selected word.

### Symbols and Punctuation

1. On the text entry screen, press [Options] and select “Add Symbol”.
2. Select the desired symbol.

### My Dictionary

You can create your own word list for T9 text input.

1. On the text entry screen in T9 mode, press [Options] and select “My Dictionary”.
2. Select “Add New Word” and enter a new word.

To edit a word in the list

1. On the text entry screen in T9 mode, press [Options] and select “My Dictionary”.
2. Highlight the desired word.
3. Press [Options] and select “Edit”.
4. Modify the word.

### Using Templates

You can use the sentences registered in Text Templates when entering characters. For details on creating the text template, see “Adding Phrases to Text Templates” on page 136.



1. On the text entry screen, move the cursor to the point you wish to insert the template.
2. Press [Options] and select “Advanced”.
3. Select “Insert Template”.
4. Select the desired text template.

The selected text template is inserted.

### Copying, Cutting and Pasting Text

By using these options, you can carry out editing smoothly.

#### To Copy and Cut Text

1. On the text entry screen, press [Options] and select “Advanced”.
2. Select “Copy” or “Cut”.
3. Move the cursor to the first letter to be copied or to be cut, then press .
4. Move the cursor to the last letter to highlight the area, then press .

## Entering Characters

---

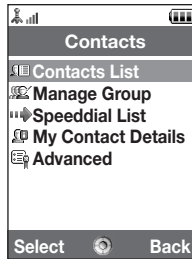
To Paste Text

1. On the text entry screen, move the cursor to the point you wish to paste the letters.
2. Press [Options] and select “Advanced”.
3. Select “Paste”.

The saved text is pasted.



## Contacts List (M 8-1)



You can store the phone numbers and email addresses of your friends, family and colleagues in the Contacts List.

Your phone can store up to 500 entries. In a Contacts List, you can save the following items:

### Items Saved in the Handset Memory

First Name:	up to 16 characters
Last Name:	up to 16 characters
Tel 1:	up to 32 digits
Tel 2 (displayed if "Tel 1" is entered):	up to 32 digits
Tel 3 (displayed if "Tel 2" is entered):	up to 32 digits
Email1:	up to 128 characters
Email2 (displayed if "Email1" is entered):	up to 128 characters
Email3 (displayed if "Email2" is entered):	up to 128 characters
Group:	16 groups (Group names can be edited by the Manage Group menu.)
Street Name:	up to 64 characters
City Name:	up to 64 characters
State Name:	up to 64 characters
Postcode:	up to 20 characters
Country Name:	up to 32 characters
Note:	up to 256 characters

## Contacts List

---

Birthday:

Picture:

Assign Tone/Video (For Voice Call, For Video Call, For New Message):

Secret:

### Items Saved in the SIM Memory

Name: up to 16 characters

Tel 1: up to 32 digits

Tel 2 (displayed if "Tel 1" is entered):  
up to 32 digits

Email1: up to 80 characters

Group: 11 groups (Group names can be edited using the Manage  
Group option.)

Using the infrared or *Bluetooth* wireless function, you can send the Contacts List entry to a PC to share the same entries.

## Changing the Name Order

**"Contacts" → "Advanced" → "Name Order"**

1. Select "First-Last Name" or "Last-First Name".

## Changing the List Displayed

**"Contacts" → "Advanced" → "Contacts Location"**

1. Select "Handset" or "SIM".

### Selecting the Storage Memory

***“Contacts”*** → ***“Advanced”*** → ***“Save New Contact to”***

1. Select the Contacts location from “Handset”, “SIM” or “Choice”.

#### ***Tip***

- *“Choice” prompts you to choose the memory every time you save a new entry.*

### Changing the Contacts List Order

You can change the listing order of the Contacts List entries between by alphabet order or by group.

***“Contacts”*** → ***“Advanced”*** → ***“View Contacts”***

1. Select “By Alphabet” or “By Group”.

### Add New Contact

You can choose either the phone or SIM card memory locations to store the new entry. For switching locations, see “Selecting the Storage Memory”.

The amount of phone numbers that you can store to the SIM card is dependent on its capacity. Contact your network operator for details.

***“Contacts”*** → ***“Contacts List”*** → ***“Add New Contact”***

If you select the “Choice” option for the memory to be used, the selection is between “To Handset” and “To SIM”.

1. Select the field you wish to fill in, and enter the relevant information.
2. Press [Save] when finished.

## Contacts List

---

### Tip

- To create an entry, at least one field must be filled ("First Name", "Last Name", "Tel 1" or "Email1" for the handset memory; "Name", "Tel 1" or "Email1" for the SIM memory).

### Adding a Thumbnail to Entries

#### "Contacts" → "Contacts List"

1. Highlight the desired entry.
2. Press [Options] and select "Edit".
3. Select "Picture:".
4. Select "Assign Picture".
5. Select the desired picture.
6. Press [Save] when finished.

### Note

- If you delete a picture in the handset memory, the corresponding thumbnail is also deleted.

### Viewing My Contact Details (M 8–4)

You can register and edit your own contact as other Contacts List entries.

#### "Contacts" → "My Contact Details"

## Copying Contacts List Entries between SIM Card and Handset

**“Contacts”** → **“Advanced”** → **“Copy All Entries”**

1. Select “SIM to Handset” or “Handset to SIM”.

### Note

- When you insert the SIM card into your phone for the first time and start the Contacts List application, the confirmation screen is displayed automatically, asking you if you wish to copy or not. The number of Contacts List entries to be copied varies depending on the SIM capacity.
- If the memory space is not enough to save all entries, you cannot complete copying.

## Finding a Name

**“Contacts”** → **“Contacts List”**

1. Enter the first few letters of the name.


Search results are displayed in alphabetical order.

### Tip

- You can select the Contacts location from “Handset” or “SIM” before searching.

## Dialling from the Contacts List



**“Contacts”** → **“Contacts List”**

1. Highlight the desired entry and press .

## Contacts List

---

### Tip

- If more than one phone number is registered for the entry, highlight the desired phone number after step 1 and press .
- You can also dial from the details screen of the Contacts List. On the details screen, select the desired phone number and press .

## Editing Contacts List Entries

### “Contacts” → “Contacts List”

1. Highlight the entry you wish to edit.
2. Press [Options] and select “Edit”.
3. Modify the information.
4. Press [Save] when finished.

## Deleting Contacts List Entries

### Deleting All Contact Entries

#### “Contacts” → “Advanced” → “Delete All Entries”

1. Select “Handset Entries” or “SIM Entries”.
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.

### Deleting a Contact Entry

**“Contacts”** → **“Contacts List”**

1. Highlight the desired entry.
2. Press [Options] and select “Delete”.

### Manage Group (M 8–2)

Different ringtones can be set for each group. If you do not change a group ringtone, the ringtone assigned in the Settings menu is used.

**“Contacts”** → **“Manage Group”**

1. Highlight the desired group.
2. Press [Options] and select “Assign Tone/Video”.
3. Select from “For Voice Call”, “For Video Call” or “For New Message”.
4. Select “Assign Tone” or “Assign Video”.  
When selecting “Assign Video”, go to step 6.
5. Select “Preset Sounds” or “My Sounds”.
6. Select the desired tone or video clip.

For details on selecting a ringtone or a ring video clip in the Settings menu, see “Assigning a Ringtone” on page 170 or “Assigning a Ring Video Clip File” on page 171.

#### Note

- You can only edit group names in the SIM card. You cannot edit the ringtone or ring video settings.

## Contacts List

---

### Editing the Group Name

You can edit group names to be assigned to the Contacts List entries. First, change the Contacts List displayed (p. 58).

#### ***“Contacts”*** → ***“Manage Group”***

1. Highlight the desired group name.
2. Press [Options] and select “Edit Name”.
3. Modify the name.

### Assigning a Ringtone or a Ring Video Clip to Each Contacts List Entry

A specified ringtone or vibration setting can be associated to a pre-registered entry.

#### ***“Contacts”*** → ***“Contacts List”***

1. Highlight the desired entry.
2. Press [Options] and select “Edit”.
3. Select “Assign Tone/Video”.
4. Select “For Voice Call”, “For Video Call” or “For New Message”.
5. Select “Assign Tone” or “Assign Video”.  
When selecting “Assign Video”, go to step 7.
6. Select “Preset Sounds” or “My Sounds”.



7. Select the desired tone or video clip.

For details on selecting a ringtone or a ring video clip in the Settings menu, see “Assigning a Ringtone” on page 170 or “Assigning a Ring Video Clip File” on page 171.

8. Press [Save] when finished.

### Memory Status

This function helps you to check the memory used in the Contacts List.

**“Contacts”** → **“Advanced”** → **“Memory Status”**

### Speeddial List (M 8–3)

You can set a maximum of 8 phone numbers in the speeddial list (p. 36).

#### Setting Contacts List Entries in the Speeddial List

**“Contacts”** → **“Contacts List”**

1. Select the desired entry.
2. Highlight the desired phone number.
3. Press [Options] and select “Add to Speeddial”.
4. Select the desired location.

#### Tip

- The nine digit keys correspond to list numbers.
- To view the speeddial list, see “Speed Dialling” on page 36.

## Contacts List

---

To Edit the Speeddial List

**“Contacts”** → **“Speeddial List”**

1. Highlight the entry you wish to edit.
2. Press [Options] and select the desired option.

“Re-Assign” (displayed when a phone number is already assigned):

Displays the Contacts List entries. Select (Reassign) other entries.

“Assign” (displayed when no phone number is assigned):

Displays the Contacts List entries. Select (assign) the desired entry.

“View”:  
Displays the assigned phone number.

“Delete”:  
Deletes the selected phone number from the speeddial list.

“Clear All”:  
Clears all phone numbers from the speeddial list.

## Sending a Contacts List Entry

**“Contacts”** → **“Contacts List”**

1. Highlight the desired entry.
2. Press [Options] and select “Send Contact”.
3. Select “As Message”, “Via Bluetooth” or “Via Infrared”.

**For “As Message”**

For details, see “MMS” on page 85.

**For “Via Bluetooth”**

For details, see “Bluetooth” on page 200.

**For “Via Infrared”**

For details, see “Infrared” on page 205.

**Receiving a Contacts List Entry**

When the phone receives a Contacts List entry, a confirmation message is displayed during stand-by.

**1. Press [Yes].**

The received entry is saved in the Contacts List. Press [No] to reject.

**Tip**

- For details on making Infrared or Bluetooth wireless settings, see “Connectivity” on page 200.
- For details on making MMS settings, see “MMS Settings” on page 101.

## Camera (M 5)


---

Your phone has an integrated digital camera.

This allows you to shoot and send pictures and video clips wherever you are.

### Taking Pictures

#### “Camera”

1. Press  to take the picture.



The shutter sounds and the still image of the taken picture is displayed.

2. Press [Save].

To cancel, press [Cancel].

The taken picture is saved in My Items.

#### Note

- Press the camera key instead of  in the viewer position of the display.
- When the digital camera is not activated, press [Options] and select “Go to Photo Camera”, or press .

### Taking a Self-Portrait

You can take a self-portrait while looking at the display.


1. Rotate the display 180° clockwise from the normal position.
2. Press the camera key on the side of the phone.



**Note**

- Do not rotate the display anti-clockwise. Otherwise, the phone may malfunction.
- When the distance to the subject is approximately 10 cm, set the macro switch to the macro position (🌸). When the distance to the subject is approximately 40 cm or more, set the macro switch to the normal position (👤).



**Taking Close-up Pictures**

1. In digital camera mode, set the macro switch to the macro position (🌸).
2. Press  or the side-down key to take the picture.  
To cancel macro mode, set the macro switch to the normal position (👤).

**Sending Taken Pictures**

You can send the taken picture via “With Message” or “live! Postcard”. (The Postcard service is not available with some service providers. Contact your service provider for more information.)

**“Camera”**

1. Press  to take the picture.
2. Press .
3. Select the send option.

For details, see “Creating a New Message” on page 85. After the message has been sent, the taken picture is stored in My Items. (The resized picture is not saved in My Items.)

**Note**

- When you try to send the picture that has too large a file size, the picture size is resized for the message. The original sized picture is saved in My Items.

## Camera

---

### Selecting the Picture Size

You can select the size of pictures. All taken pictures are saved in the JPEG format.



**“Camera” → [Options] → “Picture Settings” → “Picture Size”**

1. Select the desired size.

Picture Sizes: 960 × 1280 dots  
768 × 1024 dots  
480 × 640 dots  
240 × 320 dots  
120 × 160 dots  
120 × 128 dots

### Adjusting the Exposure

**“Camera” → [Options] → “Picture Settings” → “Exposure”**

1. Press  (Bright) or  (Dark).

Picture brightness (exposure level) indicators

   : (Bright → Normal → Dark)

Once the phone has returned to the stand-by screen, the brightness settings return to default.

### Mobile Light

To Change the Light Colour

You can take a picture in various colour modes.

**“Camera” → [Options] → “Picture Settings” → “Mobile Light” → “Light Colour”**

1. Select the desired light colour.

Light Colours: White/Red/Yellow/Green/Blue/Violet/Light Blue/Disco

To Change the Mobile Light Mode

Set the mobile light according to your purpose.

**“Camera” → [Options] → “Picture Settings” → “Mobile Light” → “Switch On/Off”**

1. Select the desired mode.

“On” (☺): The light is always on.

“Auto” (☺): The light turns on if the phone detects that the conditions are dark.

“Low Light” (☺): Select this mode for macro shooting.

“Off”: The light is always off.

The corresponding indicator is displayed on the screen. Select “Off” to turn it off.


## Camera

---

### Using the Timer (Timer)

**“Camera”** → **[Options]** → **“Camera Modes”** → **“Timer”**

1. Select “On” or “Off”.

“” is displayed on the screen when you select “On”.

### Selecting the Scene

You can select the appropriate mode by scene when you take the picture.

**“Camera”** → **[Options]** → **“Picture Settings”** → **“Scene”**

1. Select the desired scene.



### Continuous Shoot

You can take continuous shoots in various options.

**“Camera”** → **[Options]** → **“Camera Modes”** → **“Continuous Shoot”**

#### 1. Select the desired mode.

The following continuous shoot modes are available:

“Off”: The continuous shoots are cancelled.

“4 Pictures”/“9 Pictures”: Takes 4 or 9 pictures continuously.

After selecting this mode, select the desired speed from the following:

“Very Fast”

“Fast”


“Normal”


“Slow”

“Very Slow”

“Manual”

 “Bracket”: Takes 9 continuous pictures with various colours and brightness levels.

After selecting this mode, press  then select “Fast” or “Normal”.



 “Overlapped”: Overlaps continuous pictures into one picture and makes an afterimage.

After selecting this mode, press  then select “Fast” or “Normal”.

## Camera

---

### Note

- When you select "Manual" to take continuous pictures, press  or the camera key (in the viewer position of the display) manually in the desired speed.
- When the Timer and Continuous Shoot functions are simultaneously set, " " (for "4 Pictures", for example) is displayed instead.

### Selecting a Frame

You can select the frame from preset patterns. You can also select a frame in Saved Pictures.

**"Camera" → [Options] → "Camera Modes" → "Photo Frame"**

1. Select "Preset Frames" or "My Pictures".
2. Select the desired frame.


The selected frame is confirmed on the display.

3. Press .

### Note

- Images larger than 240 dots [W] × 320 dots [H] cannot be used.

### Switching to the Video Camera Mode

You can switch from the camera mode to the video camera mode. You can also switch between these two modes by pressing .

**"Camera" → [Options] → "Go to Video Camera"**

### Using the Full Screen

You can display the preview on the full screen without the soft key area and indicator area.

**“Camera” → [Options] → “Advanced”**

1. Select “Full Viewfinder”.

To return to the normal viewfinder, select “Normal Viewfinder”.

### Selecting the Picture Quality

**“Camera” → [Options] → “Picture Settings” → “Picture Quality”**

1. Select the desired picture quality.

Picture quality indicators

$\text{SF}$  : Super Fine

$\text{F}$  : Fine

$\text{N}$  : Normal

### Selecting the Shutter Sound

You can select the shutter sound from 3 preset patterns.

**“Camera” → [Options] → “Advanced” → “Shutter Sound”**

1. Select the desired shutter sound.

### Note

- *Continuous Shoot uses the specialised shutter sound that cannot be changed from the above settings.*

## Camera

---

### Selecting the Storage Memory

You can select the location to save the taken pictures in.

**“Camera”** → **[Options]** → **“Advanced”** → **“Save New Pictures to”**

1. Select the desired location from “Handset Memory”, “Memory Card” or “Choice”.

### Note

- If you select “Choice”, select the desired location every time you save.

## Camera

### Auto Save

You can set the phone to save pictures automatically.

**“Camera”** → **[Options]** → **“Advanced”** → **“Auto Save”**

1. Select “On”.

Select “Off” to disable.

### Using the Help Function

**“Camera”** → **[Options]** → **“Help”**

### Exiting from the Viewer Position of the Display

Carry out the following operation when you want to go back from the viewer position of the display to the normal position.

1. Press and hold the cancel key in the viewer position.

## Camera



### Recording Video Clips

You can record a video clip with your phone. You can also use this function in the viewer position of the display.

#### Recording Video Clips

##### “Camera”


The preview is displayed through the screen.

1. Press .  
Press the camera key in the viewer position of the display.
2. To stop recording, press .  
To view the preview before saving, select “Preview”.
3. Select “Save”.

The video clip is saved in My Items.

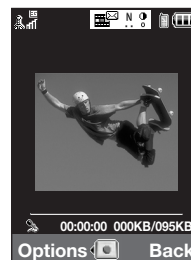
#### Note

- If you want to record a video clip in landscape, set the phone to the viewer position of the display while in the viewfinder mode. The display switches to landscape automatically.
- Put the phone into the video camera mode to record a video. Video clips are saved in “.3gp” format in the following two modes:

 For Message: QCIF or SubQCIF

 Extended Video: QCIF, SubQCIF or QVGA (MPEG4)



QVGA (MPEG4) is available when you select “Extended Video” for the Recording Time (p. 81) and select QVGA (MPEG4). The video clips are saved in “ASF” format.



## Camera



- The sound can be recorded with a video clip if the microphone is turned on. The default setting of the microphone is set to "On". To record a video clip without the sound, turn off the microphone. For details, see "Recording Video Clips with the Sound" on page 82.

### Recording Close-up Video Clips

1. In video camera mode, set the macro switch to the macro position (🌸).
2. Press  or the side-down key to start recording the video clip.  
To cancel macro mode, set the macro switch to the normal position (.

### Sending Video Clips

#### "Camera"

1. Press .  
Press the camera key in the viewer position of the display.
2. To stop recording, press .  
To view the preview before saving, select "Preview".
3. Select "Save and Send".  
Select the desired way you wish to send.  
For details, see "Creating a New Message" on page 85.

#### Note



- You can send video clips only when "For Message" is selected for the recording time. For details, see "Selecting the Recording Time" on page 81.

## Camera

---



### Using the Zoom Function

To Adjust the Zooming Ratio


1. In the viewfinder mode, press  or .

### Adjusting the Exposure

**“Camera” → [Options] → “Video Settings” → “Exposure”**

1. Press  (Bright) or  (Dark).

Picture brightness (exposure level) indicators

     : (Bright → Normal → Dark)

Once the phone has returned to the stand-by screen, the brightness settings return to default.

### Mobile Light

You can record a video clip in various colour modes.

**“Camera” → [Options] → “Video Settings” → “Mobile Light” → “Light Colour”**

1. Select the desired light colour.

Light Colours: White/Red/Yellow/Green/Blue/Violet/Light Blue/Disco



#### To Change the Mobile Light Mode

Set the mobile light according to your purpose.

**“Camera”** → **[Options]** → **“Picture Settings”** → **“Mobile Light”** → **“Switch On/Off”**

##### 1. Select the desired mode.

- “On” (☀): The light is always on.  
“Auto” (☁): The light turns on if the phone detects that the conditions are dark.  
“Off” (☾): The light is always off.

The corresponding indicator is displayed on the screen. Select “Off” to turn it off.

#### Selecting the Recording Time

**“Camera”** → **[Options]** → **“Video Settings”** → **“Record Time”**

##### 1. Select “Extended Video” or “For Message”.

- For Message: Limits the size to send a message depending on service providers.  
Extended Video: Less than 30 minutes (depending on the memory).


#### Note

- If you select “For Message” for the recording time, the file size is limited depending on the service provider. Therefore, the quality is also limited for the setting.
- “Save and Send” is not displayed after recording in the Extended Video mode.
- When you select “Extended Video”, you can select the video format from “QCIF or SubQCIF” or “QVGA(MPEG4)”.

## Camera

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### Switching to the Photo Camera Mode

You can switch to the digital camera mode. You can also switch to the photo camera mode by pressing .

**“Camera”** → **[Options]** → **“Go to Photo Camera”**

### Selecting Video Quality

**“Camera”** → **[Options]** → **“Video Settings”** → **“Video Quality”**

1. Select the desired video quality.

Video quality indicators

 SF : Super Fine

 F : Fine

 N : Normal

### Note

- *The better quality you select, the larger file size is needed.*

### Recording Video Clips with the Sound

To record a video clip with the sound, the microphone needs to be activated.

**“Camera”** → **[Options]** → **“Video Settings”** → **“Microphone”**

1. Select “On” or “Off”.

### Note

- *The microphone is already turned on in the default setting. Select “Off” to record a video clip without the sound.*

**Tip**

- The file size of a video clip can be reduced if the sound is not recorded.

**Changing the Picture Size**

You can change the picture size during playback/recording.

**“Camera” → [Options] → “Advanced” → “Picture Size”**

1. Select “Large(QCIF)” or “Small(SubQCIF)”.

**Selecting the Storage Memory**

You can select the location to save the recorded video clips.

**“Camera” → [Options] → “Advanced” → “Save New Videos to”**

1. Select the desired location from “Handset Memory”, “Memory Card” or “Choice”.

**Note**

- If you select “Choice”, select the desired location every time you save.

## Camera

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To Use the Help Function

**“Camera”** → **[Options]** → **“Help”**

**Video Encoding**

**“Camera”** → **[Options]** → **“Advanced”** → **“Video Encode”**

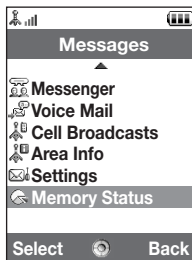
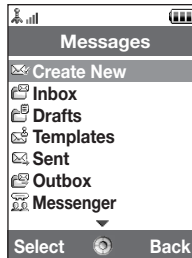
1. Select the appropriate format.

**Exiting from the Viewer Position of the Display**

Carry out the following operation when you want to go back from the viewer position of the display to the normal position.

1. Press and hold the cancel key in the viewer position.

## Messages (M 4)



Your phone allows you to send and receive text, multimedia and email, and receive WAP alerts as well.

### MMS

MMS allows you to send and receive multimedia messages of up to 300 KB with images, sound, or video clips attached.

#### Note

- ***Some MMS functions may not always be available depending on your network. Contact your network operator for more information.***
- *Maximum message size varies depending on the settings by the network operator.*

### SMS

SMS allows you to send text messages of up to 765 characters long. If you send a message more than 160 characters, it is split into several segments.

### Email

Email allows you to send messages of up to 300 KB.

#### Creating a New Message

##### (For Email)

☰ → "Create New" → "E-mail"

##### (MMS/SMS)

☰ → "Create New" → "Message"

1. Enter the message.

## Messages

---

### 2. (Email/MMS)

Press [Options] and select "Insert Item", if you wish to attach files.

### 3. (Email/MMS)

Select the desired item. Details are given in the following sections.

"Pictures": Attaches picture files.

"Sounds": Attaches sound files.

"Videos": Attaches video clip files.

"Attach Contact": Attaches Contacts List entries.

"Attach Appointment": Attaches Schedule entries.

### 4. Select "Send".

### 5. (MMS)

Enter or select the email address or phone number from the Contacts List.

#### (SMS)

Enter or select the phone number from the Contacts List.

#### (Email)

Enter the email address from the Contacts List.

To add multiple email addresses or phone numbers (up to 20), highlight the recipient field, press [Options], select "Edit & Add Recipients", then select "Add Recipient".

Enter or select the email address or phone number, or select from the existing Contacts List.

Up to 20 digits (MMS/SMS) or 128 characters (Email/MMS) can be entered for each email address or phone number.

To change the recipient types, press [Options], select "Edit Recipients" and select "Change to TO", "Change to CC" or "Change to BCC" (Email/MMS).

**6. (Email/MMS)**


Select the subject field and enter the subject.

**7. (MMS/SMS)**

Transportation type (SMS or MMS) is shown in the field of "Message Type".  
Select the field and select the desired transportation type.

**8. Select "Advanced" to set the advanced message sending options.**

- "Delayed Delivery" ("No delay", "30 minutes", "1 hour", "6 hours", "1 day", "1 week") (MMS):  
Sets the time the message is delivered after the Send key is pressed.
- "Delivery Report" ("Yes", "No") (MMS/SMS):  
Enables or disables Delivery Report when the message is successfully sent to the recipient.
- "Expiry Time" ("Never delete", "30 minutes", "1 hour", "6 hours", "1 day", "1 week") (SMS/MMS):  
Sets Expiry Time for a message to be saved in the server.
- "Priority" ("High", "Normal", "Low"):  
Prioritises composed messages.
- "Read Report" ("Yes", "No") (MMS/SMS):  
Enables or disables Read Report when the recipient is required to inform the sender that the message has been read.

**9. Highlight "Send", then press  to send.**

After the message is sent, the message is moved to the Sent box.

## Messages

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### Note

- The current message size displayed while you are creating the message is an approximation.
- If a message cannot be sent for some reason, the message stays in the Outbox and the “✉” is displayed during stand-by.

### Tip

- To save the message without sending, select [Options] and select “Save to Drafts” in step 2.
- You can send the following items attached to multimedia messages. Details are given in the following sections.
  - My Items data
  - Contacts List entry
  - File (Schedule entry created by Calendar, Contacts List entry), etc.
- You can use the template option to help you compose messages. For details on using this option, see “Using Templates” on page 55.

### To Attach My Items Data

1. In step 3 in “Creating a New Message” on page 85, select from “Pictures”, “Sounds” or “Videos”.



**2. Select the desired file.**

If you wish to take new pictures, record sounds or video clips, select “Take Picture”, “Record Sound” or “Record Video”.

- (For pictures)  
For attached pictures, select the appropriate resize option, as the maximum message size for sending varies depending on the network operator.
- (For sounds)  
For attached sounds, select the appropriate format option, as the maximum message size for sending varies depending on the network operator.

**To Attach a Schedule Entry**

1. In step 3 in “Creating a New Message” on page 85, select “Attach Appointment”.
2. Select the desired day including a schedule entry you wish to add.
3. Select the desired schedule entry.

**To Add Information from a Contacts List Entry**

1. In step 3 in “Creating a New Message” on page 85, select “Attach Contact”.
2. Select the desired entry.  
If you wish to select your own Contacts List entry, select “My Contact Details”.
3. Select the desired field.  
The selected information is entered.

## Messages

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### To Add a Slide Show

1. In step 2 in “Creating a New Message” on page 85, select “Options” and select “Add Slide”.

If you wish to add more slides, select “Add Slide Before” or “Add Slide After”.

2. Enter the message.

If you wish to set the duration of each slide, press [Options] and select “Slide duration”, then select the desired duration.

### Tip


- You can create messages up to 300 KB. Each slide can contain one picture and/or one sound file or video clip.

### To Remove or Replace Attachments

1. In step 3 in “Creating a New Message” on page 85, press [Options] and select the corresponding remove option for each attachment.

### Sending a Message in the Drafts Box

☐ → “Drafts”

1. Select the desired tab, SMS/MMS or Email.
2. Press [Options] and select “Edit & Send”.
3. Modify the message, if necessary.
4. Select “Send”.
5. Highlight “Send”, then press  to send.

### Reading MMS

Messages you receive are saved in the Inbox.

#### To View Messages Before Downloading

The MMS indicator (Ⓜ) is displayed when you are receiving an incoming message.

☰ → **"Inbox"**

1. Select the message alert you wish to view.

#### Tip

- The volume varies depending on the Application Volume settings (p. 143). The sound is deactivated when "Application Volume" is set to "Silent".

#### Storing the Phone Number of a Sender in the Contacts List

☰ → **"Inbox"**

1. Highlight the message from which you wish to store the phone number or email address.
2. Press [Options] and select "Save address".

The new Contacts List entry screen including the phone number is displayed. For details on creating a new Contacts List entry, see "Add New Contact" on page 59.

#### Calling the Phone Number of a Sender Embedded in the Message


☰ → **"Inbox"**


1. Highlight the message including the phone number you wish to dial.
2. Press [Options] and select "Call Sender".


## Messages

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### Downloading a Single MMS

 → **"Inbox"**


1. Highlight the message alert () you wish to download.
2. Press [Options] and select "Download".

The downloading starts and the indicator becomes .

#### Tip

- You can download multiple messages at the same time. See the next section.


### Downloading Multiple MMS


 → **"Inbox"**

1. Press [Options] and select "Advanced".
2. Select "Multiple Select".
3. Select the desired message alert using the "Select/Unselect" or "Select All" option.
4. Select "Download".


The selected messages are downloaded at the same time.

### Replying to a Message or to All Addresses

 → **"Inbox"**

1. Highlight the message the sender of which you wish to reply to.
2. Press [Options] and select "Reply" or "Reply all".
3. Enter the message.
4. Press "Send".
5. Highlight "Send" then press  to send.


### Forwarding a Message


 → **"Inbox"**

1. Highlight the message you wish to forward.
2. Press [Options] and select "Forward".
3. Perform steps 2 to 9 in "Creating a New Message" on page 85.


### Remote Forward

You can transfer your email messages saved in the mail server directly to other recipients.

 → **"Inbox"**


1. Highlight the message alert () you wish to transfer.
2. Press [Options] and select "Forward".
3. Perform steps 2 to 5 in "Creating a New Message" on page 85.

### Sorting the Messages in the List

 → **"Inbox"**

1. Press [Options] and select "Advanced".
2. Select "Sort".
3. Select the desired sort type.

### Locking or Unlocking the Messages

 → **"Inbox"**

1. Highlight the message you wish to lock or unlock.
2. Press [Options] and select "Advanced".
3. Select "Lock/Unlock".

## Messages

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### **Sending a Picture File with Postcard**

Your phone allows you to send multimedia messages to a Vodafone specific Postcard service centre that prints the picture and mails it to the recipient's home address specified in the MMS message. (Your phone is initially provided with the address of a Vodafone specific Postcard service centre, and its address cannot be changed.)

#### **Note**

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

To Create a New Postcard

☞ → **"Create New"** → **"live! Postcard"**

1. Select a picture you wish to send.
2. Enter your message.
3. Press [OK].
4. Enter the following information for the recipient.

See the note below for details.

- "Name"
- "Additional Information"
- "Address"
- "City"
- "Post Code"
- "County"
- "Country"
- "Send Postcard"

5. Press [Options] and select “Send”.

**Note**

- The items “Name”, “Address” and “City” are necessary to complete sending Postcards.
- Information for a recipient
  - “Name” (mandatory):
    - Name of the recipient for a postcard up to 50 characters
  - “Additional Information” (optional):
    - Additional information of the recipient up to 50 characters
  - “Address” (mandatory):
    - Street and number up to 50 characters
  - “City” (mandatory):
    - City up to 50 characters
  - “Post Code” (optional):
    - Postal code up to 20 characters
  - “County” (optional):
    - State, province and region up to 50 characters
  - “Country” (optional):
    - Country up to 20 characters
- The items displayed differ according to the service. Please contact your service provider for more information. The item “Country” may not be displayed, so you cannot send Postcards overseas from your phone.
- Files in Animation GIF format cannot be used for the Postcard service.
- The picture quality of Postcards varies depending on the picture size.

## Messages

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### Cell Broadcasts (M 4–10)

You can receive cell broadcast messages or general messages such as weather forecasts and traffic reports. This information is broadcast to subscribers in certain network areas.

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

#### Enabling/Disabling Cell Broadcasts

**“Messages” → “Cell Broadcasts” → “Switch On/Off”**

1. Select “On” or “Off”.

#### Reading Cell Broadcast Messages

**“Messages” → “Cell Broadcasts” → “Read Messages”**


1. Select the desired subject.
2. Scroll the screen to read the message.
3. Press [Back].

#### Setting Languages

You can select your preferred language for the cell broadcast message display.

**“Messages” → “Cell Broadcasts” → “Settings” → “Language”**

The current language is displayed.

1. Press .

The language list is displayed.



2. Select the desired language.

3. Press [Save].

### Subscribing to Cell Broadcasts

Select the page of the cell broadcast message that you want.

***“Messages” → “Cell Broadcasts” → “Settings” → “Set Info Subjects” → [Options]***

1. Select “Add/Remove”.

2. Select the desired page.

3. Press [Back].

### Tip

- *If the desired page is not in the list that appears in step 2, select “Create Subject” in step 1, then enter the subject code to add a page. For details on the subject code, contact your service provider.*

## Messages

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### Area Info (M 4–11)

The Area Info is the message information that operators send to subscribers in certain areas.

When you receive Area Info, the message (area code) is displayed during stand-by.

#### Note

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

#### Enabling/Disabling Area Info

“Messages” → “Area Info”

1. Select “On” or “Off”.

#### Note

- If Area Info is set to “On”, the stand-by time will decrease.

### Setting Up MMS/SMS/Email (M 4–12)

#### General Settings

“Messages” → “Settings” → “General Settings”

1. Select the item you wish to set up.

- “Home Download” (“Always download”, “Always defer”):  
Controls message download timing inside your network area.  
“Always download”: Downloads messages immediately from the server.  
“Always defer”: Defers message download.