INSTRUCTION MANUAL
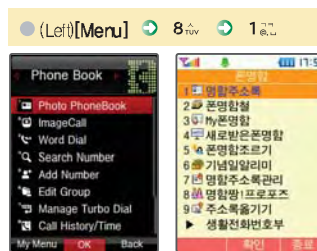
A preliminary draft of the User's Manual (Part 4) follows this page.
The text on the following three pages will be added to the user manual.

EXHIBIT 8 - 4

11 PHONE BOOK

1. Using Phone Biz. Card

You can manage and exchange the business cards stored in your cell phone.

(Left) **[Menu]** ➡ **8** ʏᴜᴠ ➡ **1** ⁿ,

※ If you connect NATE for phone biz. card service, information fee may be imposed in addition to the call charge. Refer to Help for details.

Biz. Card Address Book	: You can check and manage the phone numbers stored by groups in your cell phone.
Phone Biz. Card Book	: You can store, check and manage the phone biz. cards by groups.
My Phone Name Card	: You can check and manage your photo biz. card.
New Biz. Card	: You can check the biz. cards that you have recently received.
Asking Biz. Card	: You may ask someone to send his or her biz. Card to you.
Anniversary Reminder	: It is a service to remind you of anniversaries recorded in the received biz. cards.
Biz. Card Management	: It is a service to manage the biz. cards downloaded from the server.
Excellent Biz. Card! Proposal	: You can use this service after registering phone biz. cards of NATE users.
Transferring Address Book	: You can synchronize the address book stored in your phone with the NATE web address book.
Life Information Phone Book	: You can search for the phone numbers in your residential area.
Help	: You can check service information related to phone biz. cards.

Phone Book

2. Using Image Call

When you place a call, you can display the predefined image or characters and emoticon on the receiver's cell phone.

- (Left) **[Menu]** ➜ **8 TUV** ➜ **2 ABC**

※ Image call service is optional.
For further information, refer to Help or the image call homepage (http://imc.nate.com).

Image Call	: You can edit and register various effects on photos or buy illust, caricature or characters and then define it as your image displayed on receiver's cell phone.
Lettering Plus	: In addition to sending characters and emoticon when you place a call, you can change, register and send the background screen and font color or make them displayed on the receiver's phone using various services.
Change My Settings	: You can change default settings and individual settings registered for image call or lettering plus.
Receive Environment	: You can register a notice alarm setting and numbers to be rejected for received.

3. Using Word Dial

You can place a call or search for information conveniently by entering a word instead of phone number.

- (Left) **[Menu]** ➜ **8 TUV** ➜ **3 DEF**

■ To connect the company registered for a given word, enter company name, brand and keyword and press ✆, Press ⊙ [Nate] to search for information on the word.

■ Press ⊙ [Menu] to get Help Information and search for the registered words.

※ Information fee is imposed on the word dial service. For further information, refer to the word dial homepage (http://worddial.co.kr).

4. Searching Phone Number

The stored phone number list is displayed in the Korean alphabetical order so that you can easily search for it

Notes

- You can check or edit all the phone numbers stored in the Phone Book.
- If you press ● [Phone Book] on the standby screen, "By Location Number", "Search All", "By Group" and "By Name" list is displayed on the screen.
- To place a call, select a phone number and press ✆.

1. Search All

- (Left) **[Menu]** ➜ **8 TUV** ➜ **4 GHI** ➜ **1 @.,**

■ Phone numbers beginning with the entered character are listed.

Phone Book

2. By Name

(Left) **[Menu]** ➡ 8 ᵀᵁᵛ ➡ 4 ᴳᴴᴵ ➡ 2 ᴬᴮᶜ

■ Phone numbers including the entered character are listed.

3. By Group

(Left) **[Menu]** ➡ 8 ᵀᵁᵛ ➡ 4 ᴳᴴᴵ ➡ 3 ᴰᴱᶠ

■ It is displayed in the order of groups. You can search for the phone number by moving to a group you want.

4. By Turbo Dial

(Left) **[Menu]** ➡ 8 ᵀᵁᵛ ➡ 4 ᴳᴴᴵ ➡ 4 ᴳᴴᴵ

■ To search for the information of location number, enter a location number in the search window and press [OK].

5. By Number

(Left) **[Menu]** ➡ 8 ᵀᵁᵛ ➡ 4 ᴳᴴᴵ ➡ 5 ᴶᴷᴸ

■ Pressing the number you want to search for displays the phone number including the number you entered.

Using menus during searching for phone numbers

Send Message	: You can transfer message to the selected cell phone number.
Message Call	: You can record and transfer voice.
Call Me Free	: When a call is connected to a registered phone number, call charge is imposed on the called party (receiver).
Send E-mail	: You can send E-mail to the E-mail address entered when a phone number was registered.
Add Number	: You can add a new number to the phone book.
Set as Primary	: You can assign a specific number among several numbers entered as a representative number.
Add Turbodial	: You can assign selected number to location number.
Phonepage(NATE)	: Enables user to connect the NATE phone page (See Using NATE Phone Page on Page 58.)
Namecard	: You can request the selected Phone Biz. Card and can check or transfer the card.
BT Send	: You can transfer a phone number through Bluetooth.
Delete	: You can delete a selected phone number.
Delete All	: You can delete all the numbers stored.

---

5. Registration of Phone Number

You can store up to 2000 phone numbers in your cell phone.

1. Saving Phone Numbers in the Menu

(Left) **[Menu]** ➡ 8 ᵀᵁᵛ ➡ 5 ᴶᴷᴸ

■ To set a representative number, press [Representative Number]. To set a location number, press [Location Number].

Icons used for phone numbers

Name	Group	Cell Phone	Home	Office	
Others	Bell	Image	E-mail	Anniversary	
Anniversary Type	Memo	Fax			

2. Saving Phone Numbers on the standby screen

Enter phone number ➡ Press (Left) **[Save]**

■ If you select 'Store to Existing Names' when you store the phone number on the standby screen, you can add or correct the phone numbers in the existing phone book.

※ You can store, edit and transfer phone numbers stored in your cell phone to PC by using the PC Sync program downloaded from the Motorola homepage (www.mymotorola.co.kr).

6. Group Management

You can edit groups stored in your cell phone.

⦿(Left)[Menu] ➡ 8_{TUV} ➡ 6_{MNO}
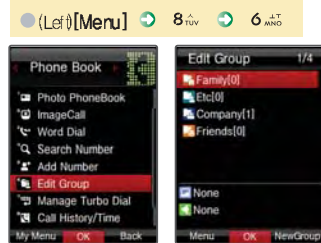
- To add a group, press ⦿ (right) [New Group]
- Press ⦿ (left)[Menu] to edit or delete a group, delete all groups or move group members.
- If you delete a group, the numbers stored in the group moves to 'Others' group.
- You can not delete or change the group name of default groups (family, others, office, friends).

7. Location Number Management

You can register location numbers assigned for phone numbers used frequently.

⦿(Left)[Menu] ➡ 8_{TUV} ➡ 7_{PQRS}
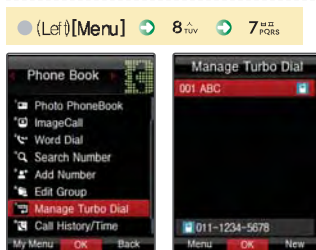
- To make a phone call, press and hold for a while the last number of the location number registered for a desired phone number (See Making a Phone Call with Location Number on Page 38.)
- You can store and manage up to 200 location numbers.
- Press ⦿ (left)[Menu] to use Edit Location Number, Move Location Number, View All, Bluetooth, Delete Number or Clear All.

8. Checking Recent Calls

You can check the call history and call times.

⦿(Left)[Menu] ➡ 8_{TUV} ➡ 8_{TUV}
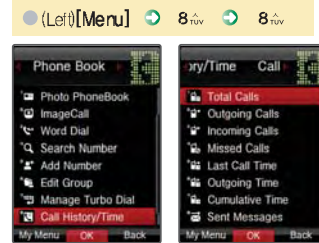
- To clear the selected call time, press ⦿ (left)[Clear] during checking call time, transmitted message count and roaming call time (You can not clear total outgoing call time).
- The call time displayed on the cell phone starts from ringing, and call charge is imposed from the time when call is actually connected.
- Phone Number Information on total/outgoing/incoming/missed calls is displayed only if 'caller ID has been registered in the service provider. If caller ID service is not registered or caller ID is inhibited, 'caller ID blocking' or 'no information' is displayed.

Phone Book

9. Setting Reception Refusal Registration

You can reject calls by registering reception refusal numbers in your cell phone.

● (Left)[Menu] ➡ 8ᴛᵁᵥ ➡ 9ᵂˣʸᶻ
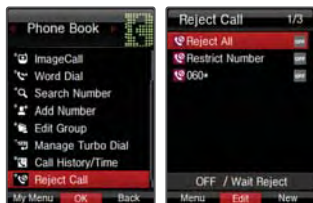
- To register number to be rejected, press ● (right) [New Group].
- Under the condition that reception refusal registeration is set, press ◉ [Edit] to set/reset the numbers to be rejected and the reject method.

Reject All	: Rejed all numbers.
Restrict Number	: You can rejed all numbers for which Caller ID blocking has been registered.
060*	: You can rejed 060 numbers.

10. Checking Memory Information

You can check the memory size used for phone book and the information on phone book.

● (Left)[Menu] ➡ 8ᴛᵁᵥ ➡ 0°ᵍ

※ Press ● (left)[Reset] to reset the memory information. At this time, note that all numbers stored in the phone would be cleared.

11. Checking My Number

You can check your phone.

● (Left)[Menu] ➡ 8ᴛᵁᵥ ➡ #ᴬ◎

- Press ◉ [Edit] to enter and save user information.

110

12 CAMERA

Before using camera

■ It is recommended to take a photo of a static object.
■ Hold your phone with two hands to prevent shaking.
■ Keep the camera lens clean with soft cloth.

■ Note that battery power consumption is high while operating the camera.
■ It is desirable to take photos at a bright indoor/outdoor space and to maximize the brightness at night or in a dark place.

Precautions for users

• Do not capture photos or movies that are not permitted or might invade privacy of other persons. You might be subject to claims incurred by violation of image rights or privacy.
• Hidden camera or illegal distribution of the captured images over the Internet shall be subject to civil or criminal punishment.
• Do not capture photos or movies in forbidden areas.
• The capturing sound is heard regardless of sound setting in order to prevent improper use of camera phone.
• Please observe the photographic etiquette as cultural citizens and do not revise the capturing sound improperly.

Precautions for camera

• Do not use or store your phone at a place that might incur trouble sources (a hot and humid place, a place where temperature and humidity varies critically, a place exposed to direct sunlight, a place exposed to strong magnetic field, a place where fire or flammable material is present, etc).
• Be carful that dust or sand should not infiltrate into the phone.
• The camera lens is weak to impact. Do not drop the phone or give strong impact.
• Do not face the lens to the sun or strong light. The camera lens can be damaged.
• Moisture may be collected inside the lens due to sudden change of temperature. In this case, switch off power, and dry the phone completely before using the camera.

1. Using Photo

You can capture photos and manage the captured photos.

1. Photo Capture

● (Left)[Menu] ➡ 9 wxyz ➡ 1 ➡ 1 or press and hold ‖ (camera button) for a while on the standby screen.
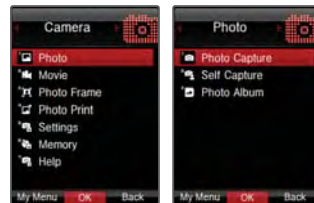
■ When you save a captured photo, press ● (left) [Menu] to use the function of Send, My Name Card and Image Call. Press ◉ [Save] to edit name and then press ◉ [Save] again to save the photo in the photo album (To change character input mode for editing, press ● (right)[Korean] or ‖ (camera button).)
■ If an incoming call arrives during photo capturing, the receive screen is displayed to respond to the call. Be aware that the photo capture screen will not come back after the call is ended.

Notes

• To capture photo, press ◉ [Capture] or ‖ (camera button).
• To adjust zoom, press ⬆,⬇ (volume button).
(1200×1600 and 960×1280 are not available).

Camera

Icons used when capturing photos

Choose a menu item using 🔴 and press 🔴 to set the menu item.

Item	Icon	Description
ZOOM	⊕	Enlarge an object captured at a long distance (1200x1600 and 960x1280 are not available.)
Bright	🔲	Adjust brightness of photos.
Contrast	◪	Adjust contrast of photos.
Effect	🎞	Apply various colors and filtering effects.
OSD	🖼	Apply various frames to photos. (Available size: 240x320)
Flip	⤧	Reverse up and down or left and right of photos.

Setting Photo capture menus

Item	Icon	Description
Mode	📷	Select one of Photo, Movie and Video Mail to move to Preview mode of the selected item.
Size	▬	Set a photo size. 1200 : 1200×1600 960 : 960×1280 480 : 480×640 300 : 300×400 240 : 240×320 144 : 144×176
Quality	🖼	Set resolution of photos. • Best : Used for print • Good : Used for PC download or mail transfer • Normal : Used for saving in cell phone
Setting	✳	Set exposure suitable for daytime or nighttime capturing environment.
Serial	🗗	Automatic continuous capturing (1200x1600 and 960x1280 are not available.).
Timer	🚫	Automatic capturing at the registered time
Memory Select	📇	Select storage in the cell phone or in backup memory (Micro-SD).
Memory	🔲	Check total memory size and used memory size

Camera

2. Self Camera

Notes

- When the folder is closed, it is not permitted to set menu functions and the previous settings are maintained.
- Even if the folder is open, you can capture photos.
- To set zoom, press ⎮ , ⎮ (volume button). (1200x1600 and 960x1280 are not available.)
- Press ⎮ (camera button) to capture photos and press ⎮ (Hold button) to preview the captured photos.

■ Capturing photos with folder closed

Press and hold ⎮ (camera button) for a while.
➡ To select Photo Capture, press ⎮ , ⎮ (volume button) and then press ⎮ (camera button).
➡ To capture photos, press ⎮ (camera button) in preview mode.

3. Photo Album

- ■ You can preview and manage the captured photos.
- ■ To move to Photo Album, press ● (left)[Album] in preview mode.
- ■ Some functions (screen setting, move/copy file, select folder) are not available for external photo folders.

Camera

🔍 Using Photo Album Menus

Delete : Delete the selected photo (excluding protected photos).
Apply Photo : Set a photo with background and internal/external screen.
Color Mail : Transfer an MMS message with photos attached.
Image Call : Register a photo for image calls to display it on the receiver's phone (See Image Call on Page 126.)
Edit Photo : Edit photos (This menu is only available for photo sizes less than 640 x 640.)

  Crop : Cut a part of the selected photo and save it with a suitable size.
  Resize : Enlarge or reduce the selected photo into a desired size and save it.
  Rotate : Set direction of the selected photo and save it.
  Effect : Apply coloring and filtering effect to the selected photo.
  Frame : Set a frame for the selected photo.

Slide Create : Display photo in the specified order. You can store the created slide into the photo album.
Move/Copy : Move/Copy the photos in the current folder to other folder.
Photo Print : Print photo by connecting the phone with the printer through Bluetooth communication.
BT Send : Send photos through Bluetooth communication.
File Info/Manager : Check photo information, edit file name and set lock/unlock.
View/Sort : View the photos stored in the selected folder and set a sorting method.
Folder Manager : Edit folder name and set folder lock/unlock.
Select All : Select all photos stored in the selected folder to apply Slide Show, Move/Copy File, File Lock, Unlock All, Delete File and Bluetooth Link.
Delete All : Delete all photos stored in the folder except protected ones.
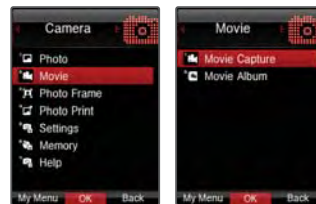
※ Note that information fee or additional data fee is imposed on photos attached to an MMS message or image call service.

2. Using Movie

You can capture movies and manage the captured movies.

---

1. Movie Capture

● (Left)[Menu] ➔ 9_{wxyz} ➔ 2_{ABC} ➔ 1


🙋 Note

• To capture movies, press 🔘 [Capture] or ‖ (camera button).
• To set zoom, press ⌂ , ⊽ (volume button) in preview mode.
• If an incoming call arrives while capturing movies, the receive information window appears or the receive window is displayed, depending on the environment setting. To connect the call, press 🟢 . At this time, the video is automatically stored in the movie album. After call is disconnected, the screen is in preview mode (See Receiving Calls During Capturing on Page 146.)
• To send a movie message, press 🔘 [Menu] and select video mail in capture mode. (The cell phone is optimized for sending a message (MMS). You can check the captured movies in the movie album. Note that additional data service charge is imposed on the transmitted MMS message.)

■ Select ● (right)[Cancel] to cancel movie capturing and choose ●(left)[Pause] to pause capturing.
■ To edit video name, change the video name and press 🔘 [Save] to save it (To change character input mode for editing, press ● (right)[Korean] or ‖ (camera button).)
■ When you save movies in the internal memory, you can record a movie for maximum 35 minutes (movie size 176 x 133). On the other hand, when you save movies in the external memory, you can record a movie for maximum 30 minutes (The recording time depends on the recording background).

Camera

Icons used for capturing movies

Choose a menu item using ⚫ and press ⚫ to set the menu item.
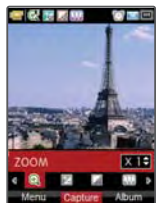
Item	Icon	Description
ZOOM		Enlarge an object captured at a long distance.
Bright		Adjust brightness of movies.
Contrast		Adjust contrast of movies.
Effect		Apply various colors and filtering effects.

Movie capture menus

Item	Icon	Description
Mode		Select one of Photo, Movie and Video Mail to move to Preview mode of the selected item.
Size		Set size of movie screen. (176X144, 320X240)
Select Memory		Select storage in the cell phone or the backup memory (Micro-SD).
Memory		Check total memory size and used memory size

2. Movie Album

⚫ (Left)[Menu] ➡ 9ʷˣʸᶻ ➡ 2ᴬᴮᶜ ➡ 2ᴬᴮᶜ
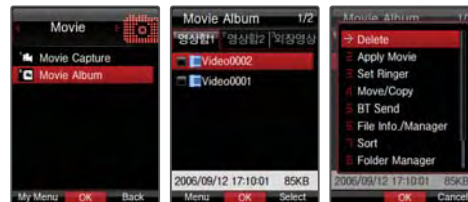
■ You can preview and manage the captured photos.
■ To move to Movie Album, press ⚫ (left)(Album) in preview mode.
■ Some functions (screen setting, bell setting, move/copy file, sorting method, select folder) are not available for external movie folders.

Using Movie Album Menus

Delete	: Delete the selected movie (excluding protected movies).
Apply Movie	: Set the selected movie to standby screen, power-on screen or power-off screen (applicable size 176x144).
Set Ringer	: Set movie bell.
Color Mail	: Transfer an MMS message with movie attached.
Move/Copy	: Move/Copy the selected movie to other folder.
BT Send	: Transfer movie through Bluetooth communication.
File Info/Manager	: Check movie information, edit movie name and set lock/unlock.
Sort	: Set a sorting method for the movies stored in the selected folder.
Folder Manager	: Edit folder name and set folder lock/unlock.
Select All	: Select all movies stored in the selected folder to apply Move/Copy File, File Lock, Unlock All, Delete File and Bluetooth Transfer.
Delete All	: Delete all movies stored in the folder except protected ones.

Camera

| Icon	Description
(Pause)	Pause/Play
(Repeat)	Setting Repeat Condition
(Stop)	Stop (Return to the higher menu)
(Rewind)	Rewind
(Quick rewind)	Quick rewind
◀,▶ (Volume button)	Adjust volume
● (Left)	Move to the Next movie
● (Right)	Move to the Previous movie

Notes

- When etiquette mode is not cleared, raising volume does not make any sound.
- If you reset the etiquette mode for a movie during capturing, your cell phone does not recover etiquette mode after movie capturing is completed.
- If a call is received during playing, the cell phone returns to the receive screen and the play screen is automatically recovered after the call is completed.

3. Using Photo Frame

Photo frame is automatically updated monthly free of charge.
You can download the recent photo frames through NATE

1. Photo Frame Capture

● (Left)[Menu] ➡ 9 WXYZ ➡ 3 DEF ➡ 1 @⌴
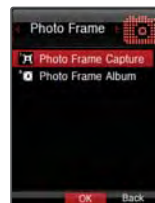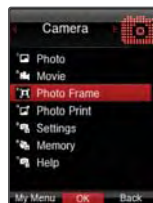
- Press ● to select a photo frame.
- Press ● (Set Cam) and adjust distance with ●.
  Press ● to adjust brightness.

※ Additional information fee is imposed when you save captured photos using a frame automatically updated. Call charge and information fee is imposed on photo frame download.

■ **Menus available while using Photo frame**

Menu Description

Frame Box	Save and manage the frames downloaded from NATE,
Frame Photo Album	Save and manage the captured photos.
Save Frame	Save the selected frame.
Special Effect	Apply various colors and filtering effects.
Up/Down Reverse	Reverse up and down of photo.
Frame Download	Download frame from NATE.
Help	Show instructions for using photo frame service

## 2. Framed Photo Album

● (Left)[Menu] ➡ 9 WXYZ ➡ 3 DEF ➡ 2 ABC

■ You can preview and manage framed photos and select various services available for those photos.
■ Press ● [Menu] to use the functions such as Delete, Delete all, Change Photo Name, Send Photo or Standby Screen Setting.

Camera

4. Using Photo Print

You can ask a service provider to print the photos selected from 'Photo Album' and to deliver them to you.

● ※(Left)[Menu] ➡ 9 WXYZ ➡ 4 GHI ㄷㄹ
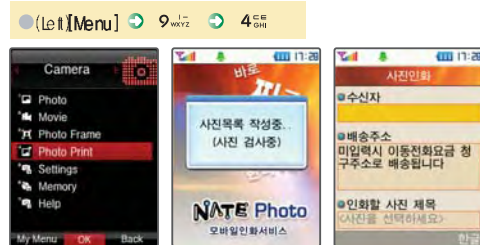
※ For service fee and further details, contact your service provider or refer to the NATE photo homepage (http://photo.nate.com).

5. Setting environment

You can set various functions of camera.

● (Left)[Menu] ➡ 9 WXYZ ➡ 5 JKL ㄹ


Shutter : Set a sound generated at an instant of capturing.
PreShutter : Set a sound generated during capturing.
Saving Type : Set a method of saving the captured photos or movies.
Call in recording : Set manual or auto call receiving during capturing.
Movie Volume in Idle : Adjust the volume of movie set in standby screen.

6. Memory Management

You can check and manage the information on total memory size, used memory size and available memory size of your cell phone.

● (Left)[Menu] ➡ 9 WXYZ ➡ 6 MNO ㅅㅌ
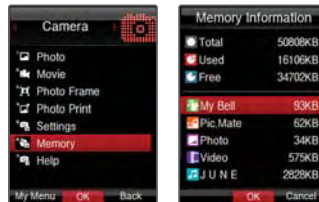
■ Select an item you want and press ⊙ to move to the selected item (Excluding JUNE and others).

7. Help

Help shows instructions for using various keypad buttons assigned to the functions of phone camera.
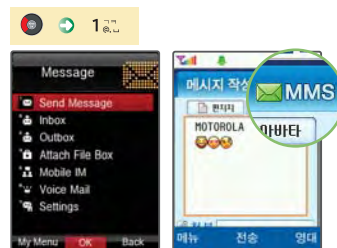
● ((Left)[Menu] ➡ 9 WXYZ ➡ 7 PQRS ㅂㅍ

13 MESSAGE

1. Writing Message

Integrated MMS function allows you to write a long message and send it together with contents to a cell phone or as an e-mail.

Precautions in writing messages

※ Message is set to SMS (Short Message Service) by default. However, when using the following functions, the message is changed to MMS, and data service charge is imposed: (change font color, insert emoticon, add avata setup, set letter pad, add contents, message composed of more than 40 Korean/80 English characters).
※ MMS icon is displayed on the message screen when SMS is switched to MMS.

■ You can send a message to maximum 20 persons at a time.
■ You can answer to a call while writing a message, and the screen for writing a message comes back after the call is completed.
■ A cancelled message is not stored in the Temporary Mail Box.
   If a message is to be cancelled inevitably, press ● [Menu] and select 'Temporary Mail Box' to save it.
■ You can attach, to your message, 3 images (photos, pictures), 1 music file and 1 movie stored in your phone.
■ After writing a message, press ● [Preview] to preview the message to be sent.

※ What is MMS?
   MMS is a new multimedia messaging service provided by SKT, which integrates message service with color mail service.

■ Select letter pad.

■ You can set background for a message.
■ If you select picture or my photo letter pad, press ⊚[OK] from ⬚ 최신, 인기 컨텐츠 to connect the NATE contents shop and download recent contents.

Picture Letter Pad	: Set a picture stored in your cell phone as the background of letter pad.
My Photo Letter Pad	: Set a photo stored in the photo album as background of letter pad.
Color Letter Pad	: Set background color of letter pad. (Note that the contents of message get illegible when the letter pad color is identical to the font color.)
No Letter Pad	: Set the background color of letter pad to white.
Download Contents	: Connect the NATE contents shop to download the recent contents.

■ Select Avata

■ This service is used to notify a received message with the character or photo of the sender.
■ When you select character or my photo avata, press ⊚[OK] from ⬚ 최신, 인기 컨텐츠 to connect the NATE contents shop and download recent contents.

Character Avata	: Set a character stored in your cell phone as your avata.
My Photo Avata	: Set a photo stored in the photo album as your avata.
No Avata	: No avata is indicated when the called party checks the received message.
What's avata?	: Show description of avata.
Download Contents	: Connect the NATE contents shop to download the recent contents.

■ Using Menus in the window of writing message

■ To change character input mode (Korean, English Upper/Lower Case, Symbol, Number), press ● [Korean]

Menu Description	
Font Color	To set a desired font character, press ⊙ or ⊙.
Image Emoticon	Press ⊙ to move to a desired page and then press the dial button to enter an emoticon.
Character Emoticon	Press ⊙ to move to a desired page and then press the dial button to enter an emoticon.
Sentence	You can enter a sentence used frequently. You can edit sentences in environment setup. (See Setting Environment on Page 157.)
Temporary Mail Box	Save a written message in the Temporary Mail Box (See Temporary Mail Box on Page 155.)

■ Using Menus in the attach window

■ When you attach contents, press ⊚[OK] from ⬚ 최신, 인기 컨텐츠 to connect the NATE contents shop and download recent contents.
■ You can check and manage contents in the attach file box. (See Attach File Box on Page 156.)

Menu Description	
Attach Photo	Attach a photo stored in the attach file box.
Attach Music	Attach a music stored in the attach file box.
Attach Movie	Attach a movie stored in the attach file box
Attach Image	Attach an image downloaded from NATE
Delete	Cancel the attached contents.

■ Menus used for the add receiver window

You can use the menus such as Search Number, Sent Mail, Received Mail, Add E-mail Address and Confirm Delivery.

Message

2. Received Message Management

You can check and manage the received messages.

- You can check the received messages in the standby screen using the Message Alarm and Preview. (See Setting Environment on Page 157.)
- The information on the latest message received is shown at the top.
- When a caller ID is indicated for a received message, press to make a call to the person who sent the message.
- When memory overflow occurs, messages are sequentially deleted from the oldest one.
- To answer to a received message, press [Answer].

1. Received Message

2ᄂᄃABC ➡ 1ㄱㄴ@.,
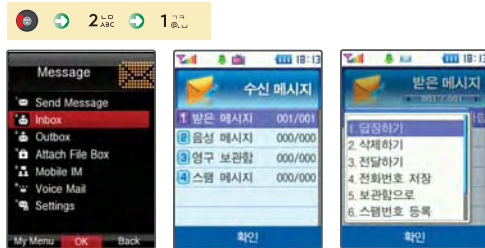
- To check the contents of a received message, press [OK].
- When checking the contents attached to a multi-mail, they are automatically played.
- To delete a received message after checking, press [Delete].

Menu Description

Connect	Connect the NATE wireless Internet involved in the received message.
Transfer	Transfer a received message to other person.
Answer with Contents	Answer to a received message including its contents.
Save Number	Save the phone number of a received message in the Phone Book.
To Mailbox	Save a received message in the mailbox.
Save Attached File	Save the attachment of a received message in the attach file box.
Add Spam Number	Register a received message number as spam number to block spam mail.
Caller ID	Check the received time and caller ID.

2. Voice Message

2ᄂᄃABC ➡ 2ᄂᄃABC

- Save the received voice message.
- The information on the latest voice message received is shown at the top.
- To check the received voice message, press [OK] and enter your password(default: the last four numbers of the phone)
- To connect with the voice mailbox, press ✱89 in standby screen and press .
- To use Delete, Save Number and Delete all options, press [Left][Menu].

Message

3. Mailbox

- You can save received messages in the mailbox.
- To check the contents of a selected message, press ◉[OK].
- To delete a message, press ● (Right)[Delete]. To use Connect, Transfer, Answer with Contents, Save Number, Save Attached File and Caller ID, press ● (Left)[Menu].

4. Spam Message
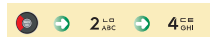
- Phone numbers or character strings registered as spam in environment setup are automatically stored (See Spam Mail on Page 158.)
- To check the contents of a received message, press ◉[OK].
- To delete a spam mail, press ● [Delete]. To use Transfer, Answer with Contents, Save Number, To Inbox, Save Attached File and Caller ID, press ● [Menu]

3. Sent Message

You can check and manages the sent messages.

1. Sent Message
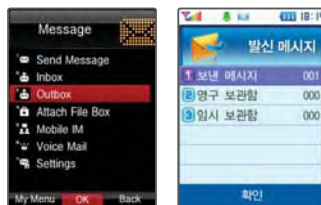
- To use Write/Send, Delete, Save Number, To Mailbox, Delete all and Caller ID, press ● [Menu].
- To check the contents of a selected menu, press ◉ [OK].
- To delete a message, press ● [Delete].

2. Mailbox

- You can save the messages selected from the Outbox in the Mailbox.
- To use Write/Send, Delete, Save Number, Delete all and Preview Called ID, press ● [Menu].
- To check the contents of a selected menu, press ◉[OK].
- To delete a message, press ● [Delete].

3. Temporary Mail Box

- To save a message being written, press ● [Menu] and select Temporary Mail Box.
- To delete a selected message or all message, press ● [Menu].
- To resume message writing, press ◉ [OK].

Message

4. Using Attach File Box

You can store the contents to be attached to a message.

Photo	: Check and manage photos that can be attached to a message.
Image	: Check and manage the images downloaded from NATE.
Music	: Check and manage music that can be attached to a message.
Movie	: Check and manage movies that can be attached to a message.

NATE Contents Shop : Connect the NATE contents shop and download the recent contents.
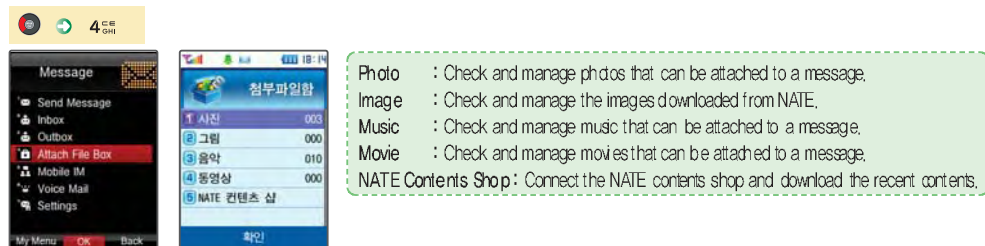
■ When you check the contents, press ⊙[OK] from 최신.인기 컨텐츠 to connect the NATE contents shop and download the recent contents.

■ When you check the contents, press ● [Menu] to use the functions such as Send Message, Setup(Background, bell, recording), Rename File, Delete, Protect/Unprotect, Block/Unblock and Delete all.

5. Using Mobile IM

You can use Messenger, Cyworld Homepage Link, My Friend, View Information, Search Friend, Friend registration, Message Box Service and Environment Setup by connecting NATE-on, which is a wired/wireless integrated messenger service.
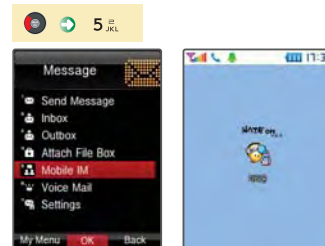
※ Note that data call charge and information fee is imposed on mobile IM service. See the help of environment setup for more information.

6. Using Voice Memo

You can record voice and sent it up to 10 persons at a time.

■ To search called party's numbers stored in your cell phone, press ● [Search] from the window of called party's enter number.

■ To move to voice memo service, enter a called number and press ⊙ [Send].

■ When transmission is requested, you can record and send a voice memo in accordance with the announcement.
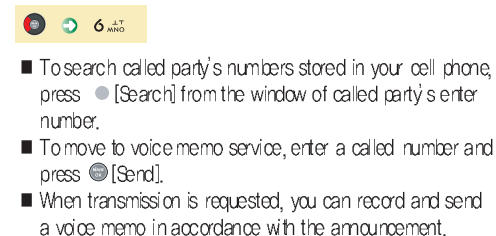
7. Environment Setup

You can set up environment associated with messages (See Page 158.)

Message

MMS Environment : While writing a message, you can select, set and send various contents.
    Letter Pad   : You can set message background (See Select Letter Pad on Page 150.)
    Avata   : Personalize a message using character or photo (See Select Avata on Page 150.)
    Font Color   : Set font color (To select a color, press ⬤ or ⬤)
    Photo Size   : Set a size of photo to be sent to the called party's phone or over wireless web (Internet).
    Phone Name Card : Set attachment of user's phone name card to every message to be sent.
Footnote setup   : Set footnote to be attached to the end of a message written.
    Writing Footnote   : To change color and enter emoticon, press ●[Menu]. To change key-in mode, press ●[Korean].
    Set/Reset Footnote : Set whether to attach a footnote to the end of a message.
Message Receiving Alarm : In case of receiving a message, you can set the number of times informing alarms, alarm bell type and volume.
Preview Message : You can set whether to display a received message on standby screen upon receiving it or not.
Sent Message Auto-Save : Set automatic saving of sent messages.
Block Spam   : Register phone number and text strings for an undesired message in order to protect spam message.
    Block Number   : You can check the blocked phone numbers and use the functions like Unlock, Add or Delete all
                   by pressing ●[Menu].
    Block Text Strings : You can check the text strings to be blocked. To use the functions like Unlock, Add or Delete all,
                   press ●[Menu].
    Set/Reset spam   : You can decide whether to block a phone number or a text strings registered as spam.
Sentence   : Edit and save frequently used sentences.

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14 Appendix

1. Self Check Points before asking Troubleshooting

■ Nothing is displayed on the screen.
 - Check the state of battery pack.

■ No Antenna graphic is not displayed on the screen.
 - Move to other location and then attempt a call again.

■ It sounds 'Toot-Toot' when a call is placed.
 - There is no communication channel available or your phone has failed in communicating with a base station. Press 🔴 to clear the call and
   press 🔵 to redial the number.

■ The charging lamp of the charger blinks in red.
 - Check the battery pack or clean the charging terminals and try again. If the same symptom occurs repeatedly, contact a near-by Motorola Service Center.

■ The battery run time is shorter than the value indicated in the User's Manual.
 - The battery run time gets shortened gradually as you charge and discharge the battery pack repeatedly. The battery run time may be shortened if the
   charged battery pack is exposed to low or high temperature environment.

■ The cell phone does not work normally or power does not go on.
 - Remove and reinstall the battery pack and then turn on the power.

■ Clicking sound when opening and closing the folder
 - This is due to our product's design features. It is not a matter of the product's quality.

2. Specific Absorption Rate

This cell phone meets the requirements for exposure to radio waves specified in No. 2000-91 announced by the Ministry of Information and Communication of Republic of Korea.

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

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

Before a phone model is available for sale to the public, we test and certify that it does not exceed the limit established by these requirements for safe exposure. The tests are performed in positions and locations according to the methodology specified by a specialized standard institute. The highest SAR value for this model phone when tested for use at the ear is   W/kg.

While there may be differences between the SAR levels of various phones and at various positions, they all meet the governmental requirements for safe exposure. Please note that improvements to this product model could cause differences in the SAR value for later products; in all cases, products are designed to be within the guidelines.

Appendix

Collecting wasted-cell phones enriches resources whereas discarding ones pollutions!

The collected wasted-cell phones are utilized as resources and the resides are treated ecologically. Motorola is willing to do its best to protect environment not only today but in the future also. We are kindly inviting you to participate in this movement for the protection of environment.

1. Motorola phone collecting centers

Wasted-cell phones collected by collecting centers ➡ Recycling plant ➡ Recycling
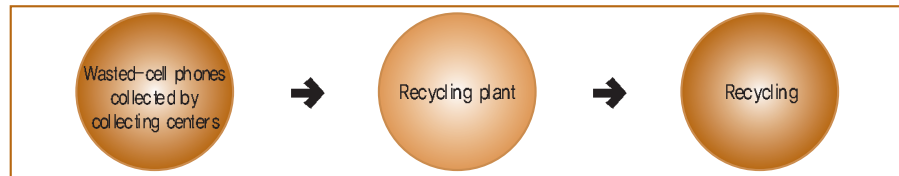
2. Recycling of wasted-cell phone

O When you purchase a new phone, return the old one to the distributor.
O Visit a near-by representative of the manufacturer or A/S center.
O Return your cell phone to a representative of mobile service provider.
O Utilize a collecting bag with no charge(arranged in provincial office, distributor, representative)

3. Guidelines for collecting discarded Motorola cell phones

Please think of environment when you discard your phones and accessories. Do not discard old cell phones or accessories such as battery pack, battery charger, etc. together with household waste. In some countries and areas, they have established a system to treat useless electronic and electrical products and batteries. Please contact your area for more information. If there is no appropriate system available, please send useless cell phone and accessories to a near-by Motorola service center.

Summary Table

- Set Bluetooth Mode : ▶ 1
- Bluetooth Device Connection : ▶ 2
- Data Receive Mode : ▶ 3
- Environment Setup : ▶ 4
- My Device : ▶ 5

E-dictionary

- English-Korean : (Left)(Menu) ▶ 5 ▶ 9 ▶ 1
- Korean-English : (Left)(Menu) ▶ 5 ▶ 9 ▶ 2
- My Dictionary : (Left)(Menu) ▶ 5 ▶ 9 ▶ 3
- Previous Key Word : (Left)(Menu) ▶ 5 ▶ 9 ▶ 4
- Environment Setup : (Left)(Menu) ▶ 5 ▶ 9 ▶ 5

Photo Capture

- (Left)(Menu) ▶ 9 ▶ 1 ▶ 1
- In standby screen, press and hold (camera button) for a while.

Movie Capture

- (Left)(Menu) ▶ 9 ▶ 2 ▶ 1

Summary Table

Save phone Number

- Save number from menu : ● (Left)[Menu] ▶ 8 ᵀᵁᵛ ▶ 5 ᴶᴷᴸ
- Save number in standby screen : Enter number ▶ ● (Right)[Save]

Search Phone Book

- Search All : ● (Left)[Menu] ▶ 8 ᵀᵁᵛ ▶ 4 ᴳᴴᴵ ▶ 1
- By Name : ● (Left)[Menu] ▶ 8 ᵀᵁᵛ ▶ 4 ᴳᴴᴵ ▶ 2 ᴬᴮᶜ
- By Group : ● (Left)[Menu] ▶ 8 ᵀᵁᵛ ▶ 4 ᴳᴴᴵ ▶ 3 ᴰᴱᶠ
- By Location Number : ● (Left)[Menu] ▶ 8 ᵀᵁᵛ ▶ 4 ᴳᴴᴵ ▶ 4 ᴳᴴᴵ
- By Number : ● (Left)[Menu] ▶ 8 ᵀᵁᵛ ▶ 4 ᴳᴴᴵ ▶ 5 ᴶᴷᴸ

Send Message

- Writing Message : ● ▶ 1
- Send Voice Memo : ● ▶ 6 ᴹᴺᴼ

Check Message

- Received Message : ● ▶ 2 ᴬᴮᶜ
- Sent Message : ● ▶ 3 ᴰᴱᶠ

Setting Sound

- Bell : ● (Left)[Menu] ▶ 2 ᴬᴮᶜ ▶ 1
- Bell/Vibration : ● (Left)[Menu] ▶ 2 ᴬᴮᶜ ▶ 2 ᴬᴮᶜ
- Volume Adjust : ● (Left)[Menu] ▶ 2 ᴬᴮᶜ ▶ 3 ᴰᴱᶠ
- Group Charac Bell : ● (Left)[Menu] ▶ 2 ᴬᴮᶜ ▶ 4 ᴳᴴᴵ
- Effect Tone : ● (Left)[Menu] ▶ 2 ᴬᴮᶜ ▶ 5 ᴶᴷᴸ
- Information Alarm Tone : ● (Left)[Menu] ▶ 2 ᴬᴮᶜ ▶ 6 ᴹᴺᴼ
- System Alarm Tone : ● (Left)[Menu] ▶ 2 ᴬᴮᶜ ▶ 7 ᴾ�Qᴿˢ
- Time Alarm : ● ((Left)[Menu] ▶ 2 ᴬᴮᶜ ▶ 8 ᵀᵁᵛ
- My Etiquette Mode : ● (Left)[Menu] ▶ 2 ᴬᴮᶜ ▶ 9 ᵂˣʸᶻ

One-Touch Dial

- Set/Reset Etiquette : In standby screen, press and hold ✱ for a while.
- Lock/Unlock : In standby screen, press and hold #ω for a while.
- @playon : Press ● in standby screen.
- My Menu : Press ● in standby screen.
- Effect Tone : Press] [(volume button) in standby screen
- Select Alarm/Roaming : In standby screen, press and hold 0 for a while.
- June Connection : In standby screen, press and hold june for a while.
- NATE Connection : In standby screen, press and hold ● for a while.

Warranty Policy

Thank for purchasing a Motorola product.
This product has passed a strict quality control and inspection of the Motorola Technology Team. If a defect is found in your product during the warranty period, it will be repaired free of charge at a Motorola Service Center.

Model		Serial No	
Purchase Date	Year Month day	Customer	
Distributor		Price	

※ When you purchase the product, please fill the blanks on the Warranty Policy and keep it together with the receipt in order to obtain more beneficial service.

Warranty Period

- Terminal Equipment : 1 year
- Lithium ion battery : 6 months
- Other Accessories : 1year

Free Warranty Service

Free warranty service will be provided for one year (warranty period) after purchasing.

Types of defects or trouble			Compensation	
			Under warranty	After expriry of warranty
Critical repair service request resulting from performance and function failures occurred in normal operation within 10 days after purchasing			Exchange or refund	
Critical repair service request resulting from performance and function failures occurred within 1 month after purchasing			Exchange	
Repairable	Four times of defects resulting from the same reason		Exchange or refund	Paid service
	Five times of defects resulting from different reasons		Exchange or refund	Paid service
Non-repairable	A/S parts are available but repair is impossible		Exchange or refund	Refund the price deducted by the depreciation amount
	Repair is impossible because A/S parts are not in stock		Exchange or refund	Refund the price deducted by the depreciation amount and added by to 10%

Paid Service

- Reasons other than defects
  Service requests for symptoms other than defects will be charged after expiry of the warranty period. Carefully read the User's Manual before you visit a service center.

- Defects resulting from user's errors
  - Defects caused by careless handling (scaking, impact or improper repairing and remodeling.
  - Defects caused by using improper power supply.
  - Defects caused by repairs done at a place other than the Motorola Service Centers.
  - Defects caused by using accessories not provided by Motorola.
  - Defects or damages resulting from dropping while moving the product.

- Others
  - Defects resulting from natural disasters such as fire, earthquake, flood, etc.
  - Expiry of lifetime of consumables (battery, oscillator, earphone, antenna, and various accessories)

ⓜ **MOTOROLA**
모토로라 코리아 (주)