

■ CALL



CALL FORWARD

This network service enables incoming calls to be rerouted to a number that you specify.

① Press ●● [MENU] 6 ^{MNO}_{Z-UT}, 1 ^{U-UT}_{U-UT}, 1 ^{U-UT}_{U-UT}.

- **Immediate** : To forward all incoming calls to another number or to voice mail in case of "turn off", "busy" or "not reachable".
- **When Busy** : Calls are diverted when you are already on another call.
- **No Reply/Not reachable** : Calls are diverted when you do not answer the phone or do not reach the call.
- **Disable All** : All of the call forward settings are cancelled.

CALL WAIT

Notifies you of an incoming call when you're on a call by sounding a beep and displaying the caller's phone number on the screen.

① Press ●● [MENU] 6 ^{MNO}_{Z-UT}, 1 ^{U-UT}_{U-UT}, 2 ^{ABC}₃₋₉.

- **Enable** : If you select enable, you can accept a waiting (receiving) call.
- **Disable** : If you select disable, you cannot recognize the waiting (receiving) call.
- **Edit Feature Code** : If you select edit feature code, you can edit code.

ANY KEY ANSWER

You can answer an incoming call by pressing any key.

① Press ●● [MENU] 6 ^{MNO}_{Z-UT}, 1 ^{U-UT}_{U-UT}, 3 ^{DEF}₃₋₅.

② Select "On" or "Off" with the Navigation key.

AUTO REDIAL

Automatically redial a call up to 5 times after a set time interval.

① Press ●● [MENU] 6 ^{MNO}_{Z-UT}, 1 ^{U-UT}_{U-UT}, 4 ^{GHI}₄₋₆.

② Select Retry Time and Select a time interval option (Off, 3 Secs, 5 Secs, 7 Secs, 10 Seconds) with the Navigation key.

③ Select Repeat and Select a time interval option (1 time, 3 times, 5 times) with the Navigation key.

④ To save, press ●● [OK] .

VOICE PRIVACY

Enhances voice privacy and avoids tapping during a call.

- 1 Press ●● [MENU] 6 1 5 .
- 2 Select "Standard" or "Enhanced" with the Navigation key.
- 3 To save, press ●● [OK] .

CALL TIMER

Enable option to see the amount of time spent on a call.

- 1 Press ●● [MENU] 6 1 6 .
- 2 Select Off or On option with the navigation key.
- 3 To save, press ●● [OK] .

- **On** : Displays time during a call.
- **Off** : During a call, time is not displayed.

AUTO ANSWER

To answer calls when your cellular telephone is connected to an optional Hands free :

- 1 Press ●● [MENU] 6 1 7 .
- 2 Select "Hands Free" with the Navigation Key.
- 3 Select one of the following options and press ●● [OK] .

- Off / 5 Secs / 10 Secs / 15 Secs

TONE LENGTH

To adjust tone length :

- 1 Press ●● [MENU] 6 1 8 .
- 2 Select "Normal" or "Long" with the Navigation Key then press ●● [OK] to save it.

CONNECT CALL ALERT

- 1 Press ●● [MENU] 6 1 9 .
- 2 Select "On" or "Off" with the Navigation Key then press ●● [OK] to save it.

DISCONNECT CALL ALERT

- 1 Press ●● [MENU] 6 1 0 .
- 2 Select "On" or "Off" with the Navigation Key then press ●● [OK] to save it.

EDIT SMS ON CALL

- 1 Press ●● [MENU] 6 1 * .
- 2 Edit Messages.
- 3 After editing messages, then press ●● [MENU].

- ④ To save it, select "SAVE".
To exit it, select "Exit".

PHONE



KEY GUARD

- Press ●● [MENU] 6 (MNO) 2 (ABC) 1 (Off/On).
- Select "Off" or "On" with the Navigation Key.
- To save, press ●● [OK] ("Activated!" displays).
- Press 1,2,3 to unlock your keypad.

DATA SETTINGS

Allows you to transfer data when your cellular telephone is connected to a PC.

- Press ●● [MENU] 6 (MNO) 2 (ABC).
- Select one of the following item.

- Receive Mode** : Voice Call/Data Only/Fax only.
- Data Speed** : 19200 bps/115200 bps/230400 bps.

VERSION

- Press ●● [MENU] 6 (MNO) 2 (ABC) 3 (DEF).

- You are to see the version of software, hardware and others.
- To return to the previous page, press ●● [BACK].

SECURITY

Prevents unauthorized use of your cellular telephone. The following settings can be restricted :



PHONE LOCK

Prevents the phone from being used without entering the password first.

- Press ●● [MENU] 6 (MNO) 3 (DEF) then enter "Password".



NOTE The default password is the last 4 digits of your phone number.

- Press 1 (Lock Now), then select "Lock Now", "Lock On Power Up" or "Off" and press ●● [OK].

- Lock Now** : Lock the phone now.
- Lock On Power Up** : Do not lock the phone now, but it is automatically locked when power recycled.
- Off** : Do not lock the phone.

CHANGE CODE

Changes your 4-digit password.

- 1 Press ● ● [MENU] 6 MNO
C=07 3 DEF
0=00 then enter "Password".



The default password is the last 4 digits of your phone number.

- 2 Press 2 ABC
0=00.
- 3 Enter a new password then press ● ● [OK].
- 4 Enter the new password again and press ● ● [OK].

RESTRICT

Phone Book

Blocks access to phone book.

- 1 Press ● ● [MENU] 6 MNO
C=07 3 DEF
0=00 then enter "Password".
- 2 Press 4 GH
0=00 1 DEF
0=00 then select "Allow" or "Restrict" with the Navigation Key and press ● ● [OK].

- **Allow** : Allows access to the phone book.
- **Restrict** : Restricts access to the phone book.

Call History

Blocks access to call history.

- 1 Press ● ● [MENU] 6 MNO
C=07 3 DEF
0=00 then enter "Password".
- 2 Press 4 GH
0=00 2 ABC
0=00 then select "Allow" or "Restrict" with the Navigation Key and press ● ● [OK].

- **Allow** : Allow access to call history.
- **Restrict** : Restrict access to call history.

Dialled Call

Blocks all Dialled Calls – except emergency calls – but allows an incoming call to be placed.

- 1 Press ● ● [MENU] 6 MNO
C=07 3 DEF
0=00 then enter "Password".
- 2 Press 4 GH
0=00 3 DEF
0=00 then select "Allow" or "Restrict" with the Navigation Key and press ● ● [OK].

- **Allow** : Allows a dialed call.
- **Restrict** : Restricts a dialed call.

Messages

Blocks access to message.

- 1 Press ●● [MENU] 6 MNO
2-07 3 DEF
1-01 then enter "Password".
- 2 Press 4 GH
0-04 4 GH
0-04 then select "Allow" or "Restrict" with the Navigation Key and press ●● [OK] .

- **Allow** : Allows access to the message.
- **Restrict** : Restricts access to the message.

EMERGENCY NUMBERS

Stores 3 phone numbers that can be called even in the lock mode.

- 1 Press ●● [MENU] 6 MNO
2-07 3 DEF
1-01 then enter "Password".



The default password is the last 4 digits of your phone number.

- 2 Press 5 DEL
0-01 then select a location with the Navigation Key, press ●● [OK] .
- 3 Input a phone number, press ●● [OK] again to save.



Press the erase key to delete the saved numbers in case the numbers are saved.

ERASE ALL

Clears all phone book, downloads, and messages.

- 1 Press ●● [MENU] 6 MNO
2-07 3 DEF
1-01 then enter "Password".



The default password is the last 4 digits of your phone number.

- 2 Press 6 MNO
2-07 .
- 3 Check "Phone Book:Phone/Call history/Download" and Select with the Navigation key and then ●● [OK] to erase all the items in those categories.

RESET PHONE

Resets phone to default settings.

- 1 Press ●● [MENU] 6 MNO
2-07 3 DEF
1-01 then enter "Password".



The default password is the last 4 digits of your phone number.

- 2 Press 7 POIS
0-01 .
- 3 Select "Reset" or "Clear Memory & Reset" with the Navigation key. Press ●● [OK] .

AIRPLANE MODE

When your phone is in Airplane Mode, it cannot make or receive any calls or access online information. However, you may still use the phone's other features, such as Games, etc..



- 1 Press ●● [MENU] 6 MNO ट-ण 4 GHI क-ङ .
- 2 Read the message, then press ●● [OK] .
- 3 Select "On" or "Off" then press ●● [OK] to save your Airplane Mode setting.

SCHEDULER

Sets schedule and reminds you of that event.



ADD EVENT

- 1 Press ●● [MENU] 7 PQRS त-न 1.,:/ \\' ●● [MENU], 1.,:/ \\' .
- 2 Move the Navigation Key left, right, up or down to choose a date in the calendar.

- By pressing ●● [MENU], the user can choose from the following :
 List all
 Add event
 View : View today Events
 Erase : Erase today Events
 Erase all

DATE

Use the keypad to change or enter the date.

TIME

Use the keypad to set a time and ●● [OK] to select "AM" or "PM".

EVENT

Shows the events saved for the currently selected date. Press the ●● [MENU] key in the calendar mode to select from List All, Add Event, View, Erase, and Erase all.

- **List All** : Shows all events saved in the scheduler.
- **Add Event** : Adds new events.
- **Erase** : Deletes all events for the currently selected date.
- **Erase All** : Deletes all events saved in the scheduler.

SETTING

Select an alert time interval option (On Time, 10 Min Before, 30 Min Before, 1 Hour Before, No Alarm) using the Navigation Key.

RINGER

To set a Ringer, press ●● [MENU], then select "Change" or "Default" using the Navigation Key, press ●● [OK] .

- 1 Press ●● [OK] to save it or ●● [BACK] to return to the calendar.
- 2 The date of the event will be marked on your calendar.

- **Default** : To set default ringer type.
- **Change** : To set custom ringer type.

VIEW EVENT

- 1 To view the Event List, Press ●● [MENU] 7 PQRS 1 1 1 .
- 2 Move the Navigation Key to choose an event then Press ●● [MENU] , you can see the saved schedule in detail.

- By pressing ●● [MENU], the user can choose from the following :
View
Add new
Erase
Erase All

ALARM

You can set up to 3 alarms.



- 1 To display alarm entries, press ●● [MENU] 7 PQRS 2 ABC .
- 2 Select one of the entries using the Navigation Key.
To set a new alarm, choose alarm 1, 2 or 3. To edit an existing alarm, select that alarm. Press ●● [OK] .
- 3 Press the Navigation Key down to select alarm options.

SETTING

Use the Navigation Key to select a setting for the alarm (Once/Daily/Mon-Fri/Weekly/Monthly/Off).

- **Once** : To enter the date filed.
- **Mon-Fri** : Alarm goes off from Monday until Friday.
- **Daily** : Alarm goes off everyday.
- **Mon-Sat**
- **Weekend**
- **Sunday**
- **Weekly** : To select "Monday", "Tuesday", "Wednesday", "Thursday", "Friday", "Saturday", "Sunday".
- **Monthly** : To select 1~31.
- **Off**

DATE

Use the keypad to change or enter the date for the alarm.

TIME

Use the keypad to set a time for the event and the ●● to select "AM" or "PM".

SNOOZING

Use the Navigation Key to select a Snoozing (Off, 1 time after 5 min, 1 time after 10 min, 3 times by 5 min).

RINGER

To set a "Ringer" press ●● [MENU], then select "Change" or "Default" using the Navigation Key. To save it, press ●● [OK] .

- **Default** : To set default ringer type.
- **Change** : To set custom ringer type.

D-DAY



① press ●● [MENU] 7 PQRS त-न 3 DEF ए-ओ .

DATE

Use the keypad to change or enter the date for the alarm.

TIME

Use the keypad to set a time for the event and the ●● to select "AM" or "PM".

Alarm

Select an alert time interval option (On Time, 10 MinBefore, 30 Min Before, 1 Hour Before, No Alarm) using the Navigation Key.

RINGER

To set a Ringer, press ●● [MENU], then select "Change" or "Default" using the Navigation Key, press ●● [OK] .

MEMO

There is a 20-letter limit.

MEMO

Your cellular telephone includes an internal memo pad that can be used to compose and store and notes.



ADD NEW

To compose a memo (there is an 80-letter limit) :

- 1 Press ●● [MENU] 7 PQRS 4 GHI 1 123 .
- 2 Input a new text memo.
(Please refer to page 38 for more details on entering letters, numbers & symbols.)
- 3 Press ●● [OK] to save memo.

VIEW MEMO

To view a saved memo :

- 1.1. Press ●● [MENU] 7 PQRS 4 GHI 2 ABC .
View selected item press ●● [MENU] 1 123 "View".
- 1.2. To add a new memo, press ●● [MENU] 1 123 "Add New".
- 1.3. To erase a memo, press ●● [MENU] 2 ABC "Erase".
- 1.4. To erase all memos, press ●● [MENU] 3 DEF "Erase All".
- 2 The list of all memos, in saved order, is displayed.
Select a memo then press ●● [OK] .

- 3 The selected memo will appear. To edit it, press ●● [MENU], select "Edit" and input a new text memo.
- 4 Press ●● [OK] to save edited memo.

SETTINGS

To select memo pad background image :

- 1 Press ●● [MENU] 7 PQRS 4 GHI 3 DEF .
- 2 Select (Paper/Pattern/Sea/Sky/Flower/White) with the Navigation Key (left or right) then press ●● [OK] .

RESERVED CALL

This menu can start with phonebook, Sms and call history pop up menu



- 1 Press ●● [MENU] 7 PQRS 5 JKL .

- **Phone Number**
- **Alarm** : Once, Daily, Mon-Fri, Mon-Sat, Sat-Sun, Weekly, Off.
- **Date**
- **Time**
- **Ringer**
- **Memo** (Default : Phonebook name)

CALCULATOR

To access the calculator :



- 1 Press $\bullet \bullet$ [MENU] 7 PQRS $\frac{7}{7-07}$, 6 MNO $\frac{6}{6-07}$.

Input 8.
Move the Navigation Key rightward.
Input 6 then press the Navigation Key.
Move it leftward.
Input 4 then press the Navigation Key.
Move it downward.
Input 2 then press the  to input (.).
Press 5. ●● [OK] .

- 3 To reset, press **#** **↵**[RESET].



⚙️ : X, 🎵 : -, 📁 : /, 📧 : +, *📞 : ,, #📄 : Reset,

- ● : Clear/Back.

CURRENCY CONVERTER

To access the calculator :



- 1 Press ●● [MENU] 7 PQRS 7 PQRS
तृच तृच

- Input currency unit.
- Input an amount of domestic or international money.

■ STOPWATCH

Simultaneously times up to six different events. To operate the stopwatch :



- 1 Press ● ● [MENU] 7 POIS 7-99.9, 8 TUV 8-99.9.
- 2 To measure a time period.
 1. To start the stop watch, press ● ● [START].
 2. To pause it, press ● ● [STOP].
- 3 To time up to FIVE events at once :
 1. To start, press ● ● [START].
 2. To stop a time period and continue measuring another one, press ● ● [SPLIT].
 3. To stop the second and continue measuring a third one, press ● ● [SPLIT].
 4. To measure up to five time periods, repeat the above steps.
 5. To stop the stop watch, press ● ● [STOP].
 6. To review the results, press  [VIEW].
 7. To return to the stop watch, press ● ● [Back].
 8. To reset it, press ● ● [RESET].

■ WORLD CLOCK

To display the time and date in pre-programmed cities :



- Press ●● [MENU] 7 PQRS , 9 MNVZ .
- Select a city.
- The world map appears with the city, its date and time.

- Use the Navigation Key to select another city.



As the daylight saving time is not applied, it may be different from the actual time during DST.

- 4 To return to the previous page, press **• • [BACK]**.

Your phone provides "BREW", a unique feature that enables you to download melody ringers, wallpapers, games, and more from your network to your phone. Please contact your service provider for the availability of these services.

■ R-WORLD



- ① Press ●● [MENU] 8 TUV 10-11.

■ RESET R-WORLD



- 1 Press • • [MENU] 8 TUV 2 ABC .
प-तु ३ अ-ब

■ **GAME**



- 1 Press • • [MENU] 8 TUV ए-एच, 3 DEF ए-डी .

MENU FUNCTION

R-WORLD

SNAKE

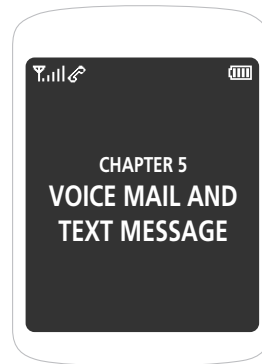


① Press •• [MENU] 8 TUV प-म 3 DEF ए-ओ 1 ॐ .

ICARUS



① Press •• [MENU] 8 TUV प-म 3 DEF ए-ओ 2 ABC अ-क .



This chapter addresses Voice Mail and Text Messaging or Picture message functions including:

WHEN A NEW MESSAGE ARRIVES

WRITE

INBOX

OUTBOX

VOICE MAIL

DRAFTS

TEMPLATES

ERASE ALL

SETTINGS

MSG. GROUP

MSG COPY

■ WHEN A NEW MESSAGE ARRIVES



- ❶ The following display appears when a new message arrives.
- ❷ To display the message, press ●● [READ].

■ WRITE

To send a new text message :



- ❶ Press ●● [MENU] 2 ABC or 1.
- ❷ Under "Send to" and press ●● [MENU] 1 "Edit"
- ❸ Input the phone number.

- By pressing ●● [MENU], the user can choose from the following :
 - OK** : After inputting the phone number, select a "Next".
 - Find** : Allows the user to search the phone number which is stored in the phone book.
 - Save to Phonebook** : Stores the inputted phone number to Phone Book.
 - Msg. Group** : Allows to select all the phone numbers in a group.
 - Erase** : To erase selected dialled call.

- ❹ Under "Message", input a new text message.
(Please refer to page 38 for more details on entering letters, numbers and symbols.)

- By pressing ●● [MENU], the user can choose from the following :
 - Send**
 - Insert Template** : Inserts a template message into a Text Msg.
 - Save to Templates** : Saves the written sentences into Templates.
 - Save to Drafts**

- ❺ Press the Navigation Key down for more fields.
Under "Priority", select "Normal", "Urgent".
- ❻ Press the Navigation Key down for more fields.
Under "Deferred Deliv.", select "Immediate", "After 30 Minutes", "After 1 Hour", "After 2 Hours", "After 12 Hours", "After 1 Day" or "After 2 Days".

TEXT MESSAGE

- 7 Press the Navigation Key down for more fields.
Under "Delivery Ack.", select "On" or "Off".
- 8 Press the Navigation Key down for more fields.
Under "Insert Signature", select "On" or "Off".
- 9 9.1. To send the text message, press ●● [MENU], select "Send", then press ●● [OK].
9.2. To save the text message press ●● [MENU], select "Save To Drafts" then press ●● [OK].

TEXT MESSAGE

INBOX

The Inbox manages received text messages. To access:



- 1 Press ●● [MENU] 2 2 or 2 .

- : Urgent New Msg (not read)
- : Urgent Read Msg
- : New Msg (not read)
- : Old Msg (already read)
- : Lock (already read and locked)

- 2 Select a message and press ●● [OK].
The message is displayed.
- 3 Press ●● [MENU].
To reply to the text message, press ●● [OK].

TEXT MESSAGE

REPLY

- 1 To reply to the text message, press **1** ١ .
- 2 Type your reply and press **• •** [OK] .

FORWARD

- 1 To forward the text message, select "Forward", press **2** ABC ا ب ج .
- 2 Input the phone number of the person you are sending the message, then press **• •** [OK] .
- 3 Input any text message to go along with the forwarded message, then press **• •** [OK] .
- 4 To send the text message, press **• •** [SEND].

SAVE TO TEMPLATES

- 1 To save received text msg to "Save to Templates", press **3** DEF د ع ف .

SAVE TO PHONE BOOK

- 1 To save number to contact, press **4** GHI غ ح ه .

SAVE TO DRAFTS

- 1 To save the text message in your phone, press **5** JKL ج ك ل .

TEXT MESSAGE

Move to Archieve Lock

- 1 To move the text message to archive Lock

LOCK & UNLOCK

- 1 To lock or unlock the text message, press **7** POQRS پ ق ر س .
- 2 Select "Lock" to lock the message or "Unlock" to unlock the message, then press **• •** [OK] .



It is not displayed for stored message on UIM.

ERASE

- 1 To erase this message, select "Erase", press **7** POQRS پ ق ر س .
- 2 "Erase This Message?" will be displayed.

RESERVED CALL

- 1 To set the Reserved Call, press **8** TUV ت ث و .

TEXT MESSAGE

■ OUTBOX

Manages sent text messages or messages waiting to be sent.

■ CHECKING SENT TEXT MESSAGES



❶ Press ●● [MENU] ❷ **ABC** or ❸ **DEF** .

-  : Auto resend
-  : Fail
-  : Not send
-  : Sent
-  : Canceled

❷ Select a message, then press ●● [OK] .
The text message is displayed.

❸ Press ●● [MENU].

SEND TO

- ❶ To forward the text message, select "Send to".
- ❷ Input the phone number of the person you are sending the message, then press ●● .

TEXT MESSAGE

❸ Input any text message to go along with the forwarded message, then press ●● .

❹ To send the text message, press ●● [SEND].

SAVE TO PHONE BOOK

❶ To save number to contact, select "Save to Phone book".

Move to Archive Lock

❶ To move the text message to archive Lock

SAVE TO DRAFTS

❶ To save the text message in your cellular telephone, select "Save to Draft".

LOCK & UNLOCK

- ❶ To lock or unlock the text message, select "Lock & Unlock".
- ❷ Select "Lock" to lock the message or "Unlock" to unlock the message, then press ●● [OK] .

ERASE

- 1 To erase this message, select "Erase".
- 2 "Erase This Message?" will be displayed.

DRAFTS

Manages saved messages from the Inbox/Outbox.



- 1 Press ●● [MENU] 2 ABC अ-क, 4 GHI क-ड or 4 GHI क-ड.
- 2 Select a text message then press ●● [OK].
The text message is displayed.
- 3 Press ●● [MENU].
- 4 If the text message is saved from the "Inbox" menu, this screen will be displayed.

- **To select inbox menu** : Reply, Forward, Save to Templates, Save to Phone book, Lock & Unlock, Erase

If the text message is saved from the "Outbox" menu, this screen will be displayed.

- **To select outbox menu** : Send to, Save to Phone book, Lock & Unlock, Erase

- 5 Select one by pressing ●● [OK].

ACHIEVE

Manages saved messages from the Inbox/Outbox/Drafts



- 1 Press ●● [MENU] 2 ABC अ-क, 5 JKL च-ज.

1234 SERVICE

This is a message service that is mainly based on SMS



- 1 Press ●● [MENU] 2 ABC अ-क, 6 MNO ट-ण.

■ TEMPLATES

To edit the template message you have saved :



① Press •• [MENU] 2 ^{ABC} or ☒, 7 ^{PQRS} .

- ② Select a message from the list. Press •• [MENU].
To view the selected template message, select "View".
To add a new template message, select "Add New".
To edit the template message you have selected, select "Edit".
To erase the saved template message, select "Erase".

■ ERASE ALL



- ① Press •• [MENU] 2 ^{ABC} or ☒, 8 ^{TUV} .
- ② 1. To erase all the Inbox messages, press 1 ¹²³ .
2. To erase all the Outbox messages, press 2 ^{ABC} .
3. To erase all the Drafts messages, press 3 ^{DEF} .
4. To erase all the message, press 4 ^{GHI} .

- **Read** : To erase all messages already read.
(However, the locked Message(s) will not be deleted).
- **All** : To erase all messages.

■ SETTINGS

Manages messaging features through various features.



SAVE SENT MSG

- ① Press •• [MENU] 2 ^{ABC}, 9 ^{WXYZ}, 1 ¹²³ or ☒, 9 ^{WXYZ}, 1 ¹²³ .
- ② Select one from "Off", "On" or "Prompt" with the Navigation Key and press •• [OK] .

AUTO ERASE

Automatically erases inbox/outbox messages when new messages arrive.

Inbox

- ① Press •• [MENU] 2 ^{ABC}, 9 ^{WXYZ}, 2 ^{ABC} or ☒, 9 ^{WXYZ}, 2 ^{ABC} .
- ② Press 1 ¹²³ .
Select "Disable" or "Enable" with Navigation Key and press •• [OK] .

Outbox

- ① Press • • [MENU] 2 ABC 3=8, 9 WXYZ 2=5, 2 ABC 3=8 or , 9 WXYZ 2=5, 2 ABC 3=8.
- ② Press 2 ABC 3=8.
Select "Disable" or "Enable" with Navigation Key and press • • [OK].

SIGNATURE

When this option is checked, you can attach your name, phone number, a simple memo, or tag line as a signature to your e-mail messages.

- ① Press • • [MENU] 2 ABC 3=8, 9 WXYZ 2=5, 3 DEF 4=6 or , 9 WXYZ 2=5, 3 DEF 4=6.
- ② Select "On" or "Off" with the Navigation key and press • • [OK].

DIRECT VIEW

If the Direct View is set to on, the user will be able to view the message by pressing the read key. If the Direct View is set to off, the user can view the message by entering SMS Menu-> Inbox.

- ① Press • • [MENU] 2 ABC 3=8, 9 WXYZ 2=5, 4 GHI 4=6 or , 8 TUV 1=3, 4 GHI 4=6.
- ② Select "On" or "Off" with the Navigation key and press • • [OK].

- **ON** : Set to read msg without entering inbox in SMS menu.
- **OFF** : Set to read msg after entering inbox in SMS menu.

DELIVERY ACK

When this option is checked, the network informs you whether or not your message has been delivered.

- ① Press • • [MENU] 2 ABC 3=8, 8 TUV 1=3, 5 JKL 4=6 or , 8 TUV 1=3, 5 JKL 4=6.
- ② Select "On" or "Off" with the Navigation key and press • • [OK].

PRIORITY

You can select the priority level of your messages.

- ① Press • • [MENU] 2 ABC 3=8, 9 WXYZ 2=5, 6 MNO 4=6 or , 8 TUV 1=3, 6 MNO 4=6.
- ② Select "Normal", "Urgent" with the Navigation key and press • • [OK].

- Normal/Urgent

■ MSG. GROUP

Allows the user to five group, each group in a directory can have up to 10 phone numbers. The user can add, change, and delete Msg. Group.



- 1 Select "SMS Group" or "E-Mail Group" with the Navigation key.

ADD NEW MSG. GROUP

- 1 To add a new group, press ●● [MENU] 2 ^{ABC}_{32-letters} 0◀▶ .
A maximum of five groups is allowed.
- 2 Press ●● [MENU] then select "2. Add Group".
- 3 Input a new group name.
- 4 Press ●● [OK] to save it.

ASSIGN PHONE NUMBER TO MSG. GROUP

- 1 To assign phone numbers to a Msg Group, ●● [MENU] then select 1. select
- 2 Ten "unassigned" locations appear.
Select a location and press SET .
Your phone book entries will be displayed in alphabetical order.

- 3 Select the entry for the Msg Group location and press ●● [OK] . "Saved!" will be displayed. Repeat for each location for the Msg Group.

CHANGE MSG. GROUP NAME

- 1 Press ●● [MENU] 2 ^{ABC}_{32-letters} 0◀▶ .
Select an existing group name.
- 2 Press ●● [MENU] then select "3. Rename".
- 3 Input a new group name.
- 4 Press ●● [OK] to save it.



• There is a 32-letter limit.

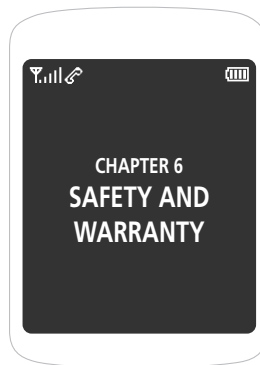
SEND TEXT MSG.

- 1 Press ●● [MENU] 2 ^{ABC}_{32-letters} 0◀▶ .
Select an existing group name.
- 2 Press ●● [MENU] then select "4. Send Msg".
- 3 Scroll to Message field and enter your message.
Press ●● [OK] . Then scroll to the Priority, and Insert fields. Set each as desired.
- 4 Press ●● [MENU] then select "1. Send" or "2. Save Msg".
Press ●● [OK] .
Please refer to page 88 for more details on "Write".

TEXT MESSAGE

ERASE MSG. GROUP

- 1 Press ●● [MENU] 2  0 < > .
Select the group name to be deleted.
- 2 Press ●● [MENU] then select "5. Erase".



This chapter addresses the safety guidelines and precautions to follow when operating your cellular telephone. Before operating your cellular telephone, please be aware of all the safety details. This chapter contains the terms and conditions of services and the warranty for your cellular telephone. Please review them thoroughly.

SAFETY INFORMATION FOR WIRELESS HANDHELD
PHONES

SAFETY INFORMATION FOR FCC RF EXPOSURE

SAR INFORMATION

PRECAUTIONS WHEN USING BATTERIES

CARE AND MAINTENANCE

TROUBLESHOOTING

PROTECT YOUR WARRANTY

12 MONTH LIMITED WARRANTY

SAFETY AND WARRANTY

SAFETY INFORMATION FOR WIRELESS HANDHELD PHONES

Read This Information Before Using Your Handheld Portable Cellular Telephone

EXPOSURE TO RADIO FREQUENCY SIGNALS

Your wireless handheld portable telephone is a low power radio transmitter and receiver. When it is ON, it receives and also sends out radio frequency (RF) signals.

In August 1996, the Federal Communications Commissions (FCC) adopted RF exposure guidelines with safety levels for handheld wireless phones. Those guidelines are consistent with the safety standards previously set by both U.S. and international standards bodies:

ANSI C95.1 (1992) *
NCRP Report 86 (1986) *
ICNIRP (1996) *

Those standards were based on comprehensive and periodic evaluations of the relevant scientific literature. For example, over 120 scientists, engineers, and physicians from universities, government health agencies, and industry reviewed the available body of research to develop the ANSI Standard (C951).

SAFETY INFORMATION FOR WIRELESS HANDHELD PHONES

SAFETY AND WARRANTY

The design of your cellular telephone complies with the FCC guidelines (and those standards).

ANTENNA CARE

Use only the supplied or an approved replacement antenna. Unauthorized antennas, modifications, or attachments could damage the phone and may violate FCC regulations.

1* : American National Standards Institute.

2* : National Council on Radiation protection and measurements.

3* : International Commission on Nonionizing Radiation Protection.

SAFETY AND WARRANTY

SAFETY INFORMATION FOR WIRELESS HANDHELD PHONES

■ DRIVING SAFETY

Talking on the phone while driving is extremely dangerous and is illegal in some states.

Remember, safety comes first. Check the laws and regulations on the use of phones in the areas where you drive. Always obey them.

Also, if using your phone while driving, please:

- Give full attention to driving. Driving safely is your first responsibility.
- Use hands-free operation, if available.
- Pull off the road and park before making or answering a call, if driving conditions so require.

If you must use the phone while driving, please use one-touch, speed dialing, and auto answer modes.

An airbag inflates with great force. DO NOT place objects, including both installed or portable wireless equipment, in the area over the airbag or in the air bag deployment area. If in-vehicle wireless equipment is improperly installed and the air bag inflates, serious injury could result.



WARNING : Failure to follow these instructions may lead to serious personal injury and possible property damage.

SAFETY INFORMATION FOR WIRELESS HANDHELD PHONES

SAFETY AND WARRANTY

■ ELECTRONIC DEVICES

Most modern electronic equipment is shielded from RF energy. However, certain electronic equipment may not be shielded against the RF signals from your wireless phone.

PACEMAKERS

The Health Industry Manufacturers Association recommends that a minimum separation of six (6") inches be maintained between a handheld wireless phone and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research by and recommendations of Wireless Technology Research. Persons with pacemakers :

- Always keep the phone more than six inches from your pacemaker when the phone is turned on.
- Do not carry the phone in a breast pocket.
- Use the ear opposite the pacemaker to minimize the potential for interference.
- If you have any reason to suspect that interference is taking place, turn your cellular telephone OFF immediately.

OTHER MEDICAL DEVICES

If you use any other personal medical device, consult the manufacturer of your device to determine if they are adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information.

SAFETY AND WARRANTY

SAFETY INFORMATION FOR WIRELESS HANDHELD PHONES

Turn your cellular telephone OFF in healthcare facilities when any regulations posted in these areas instruct you to do so. Hospitals or healthcare facilities may be using equipment that could be sensitive to external RF energy.

POSTED FACILITIES

Turn your cellular telephone OFF where posted notices so require.

SAFETY INFORMATION FOR WIRELESS HANDHELD PHONES

SAFETY AND WARRANTY

■ OTHER SAFETY GUIDELINES

AIRCRAFT

FCC and Transport Canada Regulations prohibit using your cellular telephone while in the air. Turn your cellular telephone OFF before boarding an aircraft.

BLASTING AREAS

To avoid interfering with blasting operations, turn your cellular telephone OFF when in a “blasting area” or in areas posted: “Turn off two-way radio.” Obey all signs and instructions.

POTENTIALLY EXPLOSIVE ATMOSPHERES

Turn your cellular telephone OFF when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

Areas with a potentially explosive atmosphere are often, but not always, clearly marked. They include fueling areas such as gas stations; below deck on boats; fuel or chemical transfer or storage facilities; vehicles using liquefied petroleum gas (such as propane or butane); areas where the air contains chemicals or particles, such as grain, dust, or metal powders; and any other area where you would normally be advised to turn off your vehicle's engine.

SAFETY AND WARRANTY

SAFETY INFORMATION FOR WIRELESS HANDHELD PHONES

■ PRECAUTIONS

Your Handheld Portable Telephone is a high quality piece of equipment. Before operating, read all instructions and cautionary markings on (1) AC Adaptor (2) Battery and (3) Product Using Battery.

- DO NOT use this equipment in an extreme environment where high temperature or high humidity exists.
- DO NOT abuse the equipment. Avoid striking, shaking or shocking. When not using, lay down the unit to avoid possible damage due to instability.
- DO NOT expose this equipment to rain or spilled beverages.
- DO NOT use unauthorized accessories.
- DO NOT disassemble the phone or its accessories. If service or repair is required, return unit to an authorized Pantech cellular service center. If unit is disassembled, the risk of electric shock or fire may result.
- DO NOT short-circuit the battery terminals with metal items etc.
- When connecting to any other device, read its user guide for detailed safety instructions. Do not connect incompatible products.
- Do not use or store the device in dusty, dirty areas. Its moving parts and electronic components can be damaged.
- Do not touch the antenna unnecessarily when the phone is switched on. Contact with the antenna affects call quality and may cause the phone to operate at a higher power level than otherwise needed.

SAFETY INFORMATION FOR FCC RF EXPOSURE

SAFETY AND WARRANTY



**WARNING! Read this Information
before using**

■ CAUTIONS

In August 1996 the Federal Communications Commission (FCC) of the United States with its action in Report and Order FCC 96-326 adopted an updated safety standard for human exposure to radio frequency electromagnetic energy emitted by FCC regulated transmitters. Those guidelines are consistent with the safety standard previously set by both U.S. and international standards bodies. The design of this phone complies with the FCC guidelines and these international standards. Use only the supplied or an approved antenna. Unauthorized antennas, modifications, or attachments could impair call quality, damage the phone, or result in violation of FCC regulations. Do not use the phone with a damaged antenna. If a damaged antenna comes into contact with the skin, a minor burn may result. Please contact your local dealer for replacement antenna.

SAFETY AND WARRANTY

SAFETY INFORMATION FOR FCC RF EXPOSURE

SAR INFORMATION

SAFETY AND WARRANTY

BODY-WORN OPERATION

This device was tested for typical body-worn operations with the back of the phone kept 1.5 cm. from the body. To maintain compliance with FCC RF exposure requirements, use only belt-clips, holsters or similar accessories that maintain a 1.5 cm. separation distance between the user's body and the back of the phone, including the antenna. The use of belt-clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.

VEHICLE MOUNTED EXTERNAL ANTENNA (OPTIONAL, IF AVAILABLE)

A minimum separation distance of 7.9 inches (20cm) must be maintained between the user/bystander and the vehicle mounted external antenna to satisfy FCC RF exposure requirements.

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



For more information about RF exposure, please visit the FCC website at www.fcc.gov

SAFETY AND WARRANTY

SAR INFORMATION

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

Before a phone model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government adopted requirement for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model.

The highest SAR value for this model phone when tested for use at the ear is 1.37 W/Kg and when worn on the body, as described in this

SAR INFORMATION

SAFETY AND WARRANTY

user guide, is 1.18W/Kg. (Body-worn measurements differ among phone models, depending upon available accessories and FCC requirements). While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement for safe exposure.

The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of <http://www.fcc.gov/oet/fccid> after searching on PP4PC-7130. Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications Industry Association (CTIA) website at <http://www.wow-com.com>.

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

SAFETY AND WARRANTY

PRECAUTIONS WHEN USING BATTERIES

- Never use any charger or battery that is damaged in any way.
- Use the battery only for its intended purpose.
- If you use the phone near the network's base station, it uses less power; talk and standby time are greatly affected by the signal strength on the cellular network and the parameters set by the network operator.
- Battery charging time depends on the remaining battery charge and the type of battery and charger used. The battery can be charged and discharged hundreds of times, but it will gradually wear out. When the operation time (talk time and standby time) is noticeably shorter than normal, it is time to buy a new battery.
- If left unused, a fully charged battery will discharge itself over time.
- Use only Pantech-approved batteries and recharge your battery only with Pantech approved chargers. When a charger is not in use, disconnect it from the power source. Do not leave the battery connected to a charger for more than a week, since overcharging may shorten its life.
- Extreme temperatures will affect the charging capacity of your battery: it may require cooling or warming first.

PRECAUTIONS WHEN USING BATTERIES

SAFETY AND WARRANTY

- Do not leave the battery in hot or cold places, such as in a car in summer or winter conditions, as you will reduce the capacity and lifetime of the battery. Always try to keep the battery at room temperature. A phone with a hot or cold battery may temporarily not work, even when the battery is fully charged. Li-ion batteries are particularly affected by temperatures below 0 °C (32 °F).
- Dispose of used batteries in accordance with local regulations. Always recycle. Do not dispose of batteries in a fire.

SAFETY AND WARRANTY

CARE AND MAINTENANCE

Your phone is a product of superior design and craftsmanship and should be treated with care. The suggestions below will help you fulfill any warranty obligations and allow you to enjoy this product for many years.

- Keep the phone and all its parts and accessories out of the reach of small children.
- Keep the phone dry. Precipitation, humidity, and liquids contain minerals that corrode electronic circuits.
- Do not use the phone with a wet hand. Doing so may cause an electric shock to you or damage to the phone.
- Do not use or store the phone in dusty, dirty areas, as its moving parts may be damaged.
- Do not store the phone in hot areas. High temperatures can shorten the life of electronic devices, damage batteries, and warp or melt certain plastics.
- Do not store the phone in cold areas. When the phone warms up to its normal operating temperature, moisture can form inside the phone, which may damage the phone's electronic circuit boards.
- Do not drop, knock, or shake the phone. Rough handling can break internal circuit boards.

CARE AND MAINTENANCE

SAFETY AND WARRANTY

- Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the phone. Wipe it with a soft cloth slightly dampened in a mild soap-and-water solution.
- Do not paint the phone. Paint can clog the device's moving parts and prevent proper operation.
- Do not put the phone in or on heating devices, such as a microwave oven, stove, or radiator. The phone may explode when overheated.
- Use only the supplied or an approved replacement antenna. Unauthorised antennas or modified accessories may damage the phone and violate regulations governing radio devices.
- If the phone, battery, charger, or any accessory is not working properly, take it to your nearest qualified service facility. The personnel there will assist you, and if necessary, arrange for service.

To save the time and expense of an unnecessary service call, perform the simple checks in this section before contacting a service professional.

When you switch on your phone, the following messages may appear:

"Insert UIM"

- Be sure that the UIM card is correctly installed.

"Phone lock"

- The automatic locking function has been enabled.
You must enter the phone's password before you can use the phone.

"Enter PIN"

- You are using your phone for the first time. You must enter the PIN supplied with the UIM card.
- The PIN Check feature is enabled. Every time the phone is switched on, the PIN has to be entered. To disable this feature, use the PIN check menu.

"Enter PUK"

- The PIN code has been entered incorrectly three times in succession, and the phone is now blocked. Enter the PUK supplied by your service provider.

"No Service" or "Network Failure," displays

- The network connection has been lost. You may be in a weak signal area. Move and try again.
- You are trying to access an option for which you have no subscription with your service provider. Contact the service provider for further details.

When call quality is poor:

- End the phone call and try again.

When the other party cannot hear you speaking:

- Your phone may have been set to Mute.,
- therefore, activate "UNMUTE" by pressing the ok key.

When battery lifetime becomes shorter than usual:

- This may happen when you are in an area with low signal strength.
Turn off your mobile phone when it is not in use.
Change the battery when the battery lifetime ends.

When your phone does not turn on:

- Make sure your battery is charged. Check to see if your phone works while recharging the battery.

When you are unable to send a message:

- Either you have not been registered to receive the sms service, or you may be out of the service range of your network service provider.

When you are unable to charge the battery:

- This may be the result of one of the following three cases.
 1. Your charger may be out of order. contact your nearest dealer.
 2. You may be attempting to use the phone in overly hot/cold temperature.
Try changing the charging environment.
 3. Your battery may have not been connected to the charger properly. check the connector.

When you are unable to input data into the phone book:

- Your phone book memory may be full. Try deleting some entries from your phone book.

When you are unable to select a certain function:

- You may not have been subscribed for that function, or your network service provider may be in an area where such service cannot be provided. Contact your local service provider.

Read your Warranty carefully, with the special consideration to paragraph seven of the Limited Warranty for your unit.

“Warranty does not apply to... or to any product or part thereof which has suffered through alteration... mishandling misuse, neglect or accident”.

Many companies are making look alike accessories and in some cases, promoting that their product is equal to or better than the product. Be careful. Some of these products may not be compatible to use with your product and may damage the unit or cause it to malfunction. It is required on your unit and it is determined that a non-Pantech accessory has created the problem with your unit the Warranty will not apply. In addition if the unit has already suffered irreversible damage by reason of a non-compatible accessory the Warranty will be voided. To protect your Warranty use only compatible accessories which cannot damage or interfere with the functioning of your product.

When you are unable to charge the battery:

- This may be the result of one of the following three cases.
 1. Your charger may be out of order. contact your nearest dealer.
 2. You may be attempting to use the phone in overly hot/cold temperature.
Try changing the charging environment.
 3. Your battery may have not been connected to the charger properly. check the connector.

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SAFETY AND WARRANTY

12 MONTH LIMITED WARRANTY

ANY IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY SHALL BE LIMITED TO THE DURATION OF THIS WRITTEN WARRANTY. ANY ACTION FOR BREACH OF ANY WARRANTY HEREUNDER INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY MUST BE BROUGHT WITHIN A PERIOD OF 24 MONTHS FROM DATE OF ORIGINAL PURCHASE IN NO CASE SHALL THE COMPANY BE LIABLE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES FOR BREACH OF THIS OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, WHATSOEVER.

No person or representative is authorized to assume for the Company any liability other than expressed herein in connection with the sale of this product.

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damage so the above limitation or exclusions may not apply to you.

This Warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

PANTECH Help Line : 1800 224 537

U.S.A.

U.S.FEDERAL COMMUNICATIONS COMMISSION RADIO FREQUENCY INTERFERENCE STATEMENT

INFORMATION TO THE USER

NOTE : This equipment has been tested and found to comply with the limits for a Class B digital device pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful Interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if Not installed and used in accordance with the instructions, may cause harmful Interference to radio communications. However, there is no guarantee that interference will not occur in a particular Installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- *- Reorient or relocate the receiving antenna. Increase the separation between the equipment and receiver.
- *- Connect the equipment into an outlet of a circuit different from that to which the receiver is connected.
- *- Consult the dealer or an experienced radio/TV technician for assistance.

Changes or modification not expressly approved by the party responsible for Compliance could void the user's authority to operate the equipment. Connecting of peripherals requires the use of grounded shielded signal cables.

FCC Compliance Information

This device complies with Part 15 of FCC Rules. Operation is subject to the following two conditions:

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