
ATTACHMENT N: USER`S MANUAL

FCS-8900
(Avvio8000)



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1

SAFETY INFORMATION

SAFETY INFORMATION FOR FIXED PHONES

For the safe and efficient operation of your phone, observe the following guidelines:

EXPOSURE TO RADIO FREQUENCY (RF) ENERGY

Your wireless telephone is a high power radio transmitter and receiver. When it is ON, it receives and also sends out radio frequency (RF) signals. When you communicate using your phone, the system handling your call controls the power level at which your phone transmits.

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)*

★ American National Standards Institute; National Council on Radiation Protection and Measurements; International Commission on Non-Ionizing Radiation Protection

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 (C95.1)

The design of your phone 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.

PHONE OPERATION

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

two conditions:

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

RF ENERGY INTERFERENCE / COMPATIBILITIES

Note : Nearly every electronic device is susceptible to RF energy interference from external sources if in adequately shielded, designed, or otherwise configured for RF energy compatibility. In some circumstances your phone may cause interference.

MEDICAL DEVICE

Pacemakers

Pacemaker manufacturers recommend that a minimum separation of 6 inches (15centimeters) be maintained between a handheld wireless phone and a pacemaker.

Persons with pacemakers should :

- ALWAYS keep the phone more than 6 inches (15 centimeters) from your pacemaker when the phone is turned ON.
- Not carry the phone in the breast pocket
- Use the ear opposite the pacemaker to minimize the potential for interference.
- Turn OFF the phone immediately if you have any reason to suspect that interference is taking place.

Hearing Aids

Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may want to consult your hearing aid manufacturer to discuss alternatives.

Other Medical Devices

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

OPERATIONAL WARNING

For Vehicles With an Air Bag

Do not place a phone in the area over an air bag or in the air bog deployment area. Air bags

inflate with great force. If a phone is placed in the air bag deployment area and the air bag inflates, the phone may be propelled with great force and cause serious injury to occupants of the vehicle.

Potentially Explosive Atmospheres

Turn off your phone prior to entering any area with a potentially explosive atmosphere. Do not remove, install, or charge batteries in such areas. Sparks in a potentially explosive atmosphere can cause an explosion or fire resulting in bodily injury or even death.

Note : The areas with potentially explosive atmospheres referred to above include fueling areas such as below decks on boats, fuel, or chemical transfer or storage facilities, areas where the air contains chemicals or particles, such as grain, dust or, or metal powders. Areas with potentially explosive atmospheres are often but not always posted.

BATTERIES

Batteries can cause property damage and / or bodily injury such as burns if a conductive material such as jewelry, keys or beaded chains touches exposed terminals. The conductive material may complete an electrical circuit (short circuit) and become quite hot. Exercise care in handling any charged battery, particularly when placing it inside a pocket, purse or other container with metal objects. Use only Avvio9000 original batteries and chargers.

Your battery or phone may contain symbols, defined as follows.

Symbol	Definition
	Important safety information will follow
	Your battery or phone should not be disposed of in a fire
	Your battery or phone may require recycling in accordance with local laws. Contact your local regulatory authorities for more information.
	Your battery or phone should not be thrown in the trash

Seizures / Blackouts

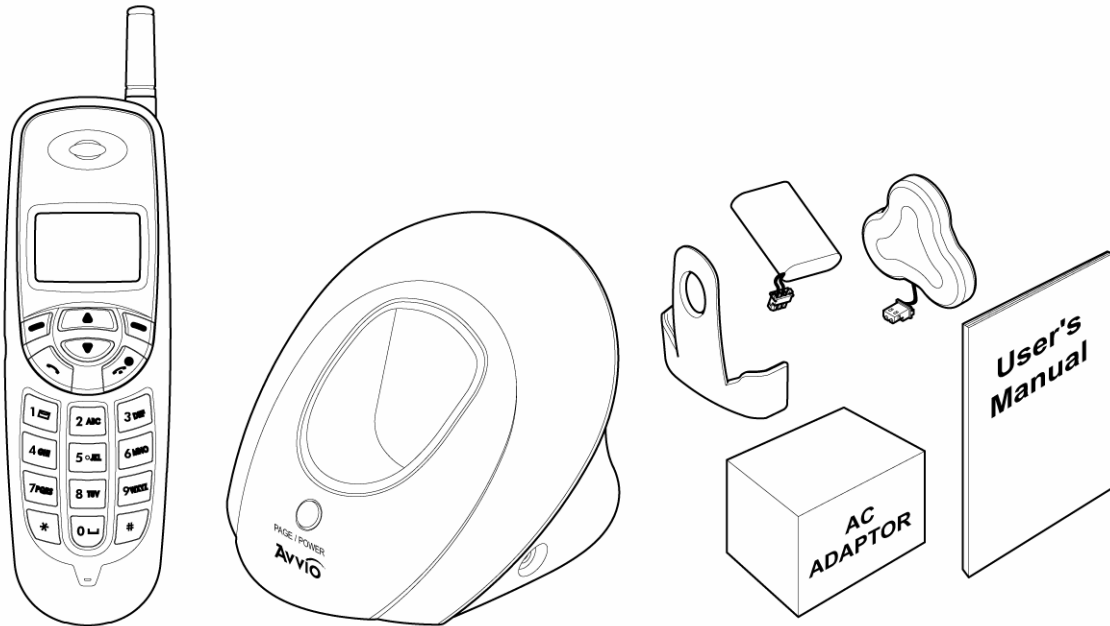
Some people may be susceptible to epileptic seizures or blackouts when exposed to

flashing lights, such as when watching television or playing video games. These seizures or blackouts may occur even if a person never had a previous seizure or blackout.

If you experienced seizures or blackouts, or if you have a family history of such occurrences, please consult with your doctor.

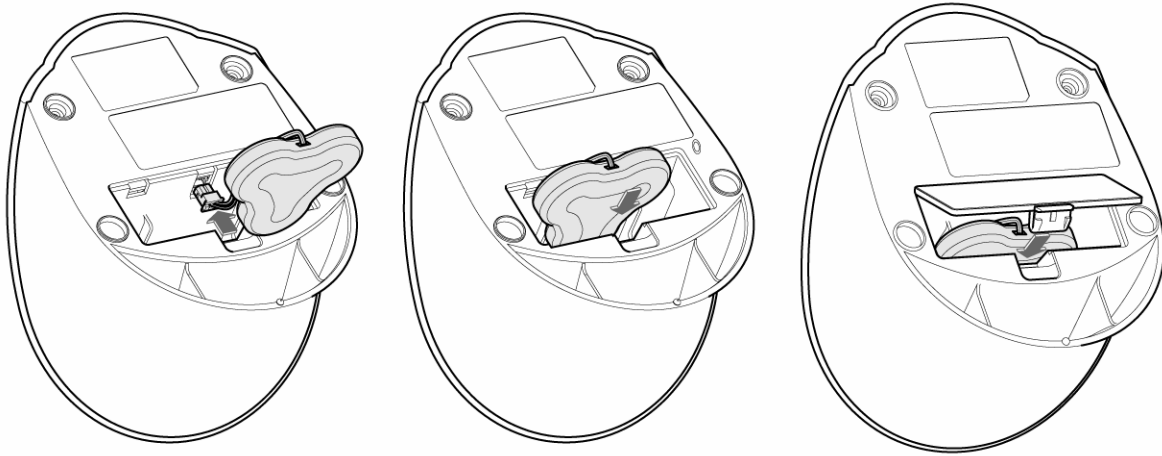
2

PREPARE YOUR PHONE FOR USE

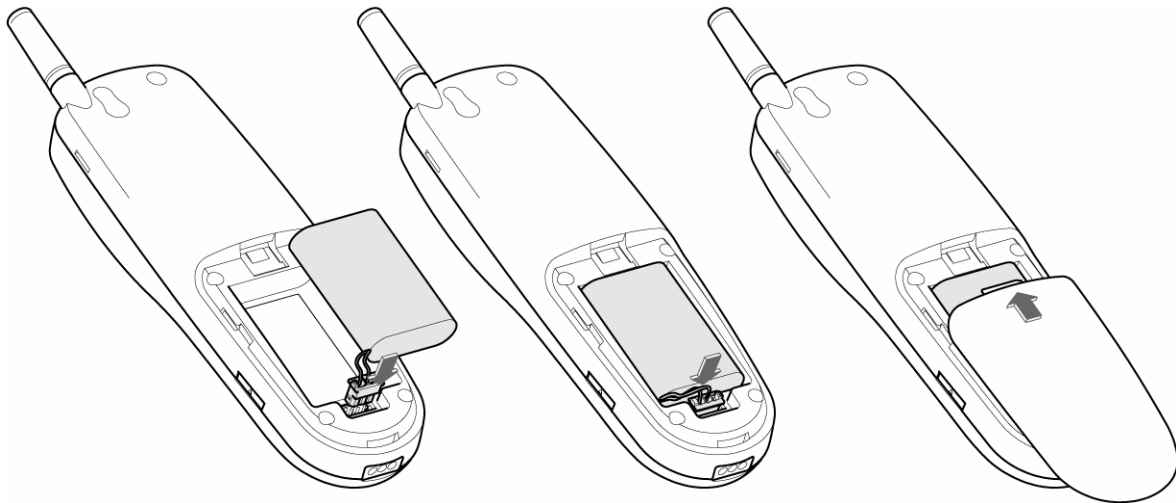


2.1 Install Battery

- Base



- Handy



Note : To use when sudden power failure, the base battery shall be installed at all times. Charge after you insert the battery to the handset.

Caution : To prevent injury or burns, do not allow metal objects to contact the battery terminals. Do not disassemble. Use only the original batteries. Batteries must be disposed of properly.

2.2 Charge the battery

Caution: At initial charging, phone should be charged at least 4 hours. After the phone is fully charged, battery icon  stops scrolling.

2.2.1 Base

- ① Connect the lead from the charger to the side of the Base.
- ② Connect the charger to an AC wall outlet.

Note : When you turn on the power, red LED is on. If the handset is on the base, blue LED is on, which shows charging status.

2.2.2 Handy

- ① Put the handset on the base and check if charging indication appears on the display.
- ② If the battery is discharged, it may take a few minutes before the charging indication appears on the display.
- ③ After the phone is fully charged, battery icon  stops scrolling. Charging time depends on a charger and battery used.

3

FEATURE HIGHLIGHTS

- Dial tone generation
- Auto Dialing
- Auto answer
- Voice mail
- Short Message Service (160 characters x 20ea)
- Emergency call
- Call logs
- Call restriction
- Caller ID
- Clock with alarm
- Cordless function (Out of range display and warning tone)
- Blue back light for LCD and keypad
- Multiple ring tones
- Profile setting
- Pager button
- Graphic display
- Multi language (English, Spanish, Portuguese)
- 200 phone book memory
- Antenna bar
- Battery bar

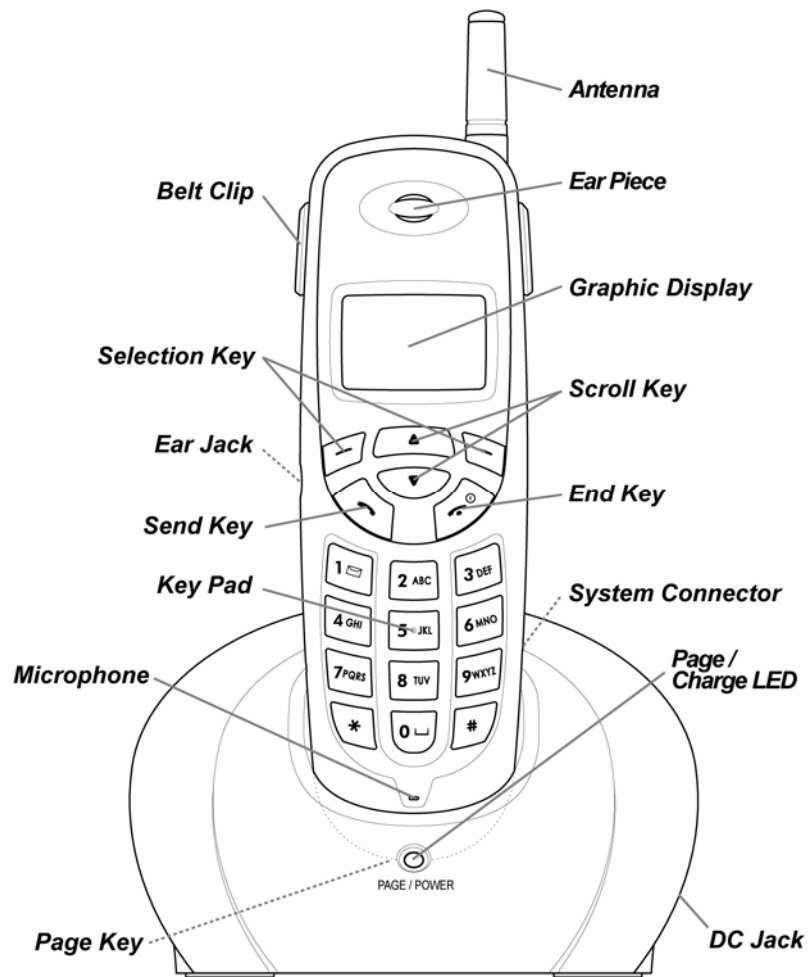
- Ear phone / microphone jack
- PC FAX
- Data communication through Mini USB
- Phone Lock

4

ABOUT THE PHONE

This phone is operated in digital mode within 800MHz frequency band.

4.1 Name and function



4.2 Key functions

	Menu / Selection Key	The functions of the selection keys depend on the guiding texts shown above the keys. Press  to directly go to Menu indicated on the screen above the key.
---	-------------------------	--

		Press  to directly access to Search to search the phone book.
	Send key	Press to make a call to name / number shown on the screen. Press to answer a call. Press once to enter the list of recently dialed numbers.
	End key	Press to end a call. Press once to exit a function and to return to the idle screen.
	Scroll keys	Press  or  to scroll the menu. Press  to go to Message Menu from standby status. Press  to go to Sound Menu from standby status.
  ,  , 	Numeric/Text key, Toggle key	Used for entering numbers and letters. Press  to toggle between upper case and lower case in text mode. Press  to cycle among numeric mode and special character mode and text mode.

4.3 Display indicators

4.3.1 Standby screen

The standby screen displays when the phone is turned on. Several features can be used only when the phone is at the idle screen.

4.3.2 Scroll bar

When you access the phone's menu, there is a scroll bar at the far left or right of the screen. This bar indicates user's location in the menu: each "tab" on the bar represents a different menu item.



4.4 Icons

Icons are graphical representations of a specific item or situation.

The list below shows what each icon means.



You have one or more new voice or text messages waiting.

Text mode icon.

This indicates that the characters you enter will be uppercase.



Press  to switch to lowercase or first-uppercase.



Text mode icon.

This indicates that the characters you enter will be lowercase.



Press  to switch to numeric mode or first-uppercase.

Text mode icon.

This indicates that the first character you enter will be uppercase and the next characters will be lowercase.



Press  to switch to lowercase or uppercase.



Numeric mode icon.



Press  to switch to numeric mode or text mode.



The alarm clock is set.



Charger indicator



Mute (Silent)

Phone lock



Signal strength indicator.

This indicator shows the signal strength of the wireless network at your current location. The higher the bar, the stronger signal.

Roaming Status

5

BASIC OPERATIONS

5.1 Power ON and OFF

Case 1 :

- To turn the phone on, press and hold  .
Or, handy is automatically powered on when you place the handy on the base.

- To turn the phone off, press and hold .

5.2 Make a call

Case 1:

- ① Enter the phone number including the area code and press .
- ② Press  to end the call or to cancel the call attempt. If the handset is placed in a base, the call is automatically terminated.

Note : The phone may generate heat during longer calls.

Case 2:

- ① Press  to hear dial tone
- ② Enter the phone number including the area code and press .
- ③ Press  to end the call or to cancel the call attempt. If the handset is placed in a base, the call is automatically terminated.

Note: If you dial a phone number after the handset generates the dial tone, the call is automatically made 6 seconds later.

5.3 Answer a call

Case 1:

- ① When the handset is resting in its base, and the phone rings, lift the handset.
- ② The ringing will stop and get into talk mode appearing talk time in the display.

Case 2:

- ① When the handset is out of its base, and the phone rings, press any key to answer a call.

5.4 Adjust the Volume

You can adjust the earpiece volume during a call by pressing the scroll keys on the phone.

- Press  to increase the volume.
- Press  to decrease the volume.

5.5 Redial the recent call number

You can redial the recent call number. The maximum recent call can be stored up to 30 recently dialed or received call numbers. Stored numbers may be up to 32 digits long.

- ① Press  for about two seconds, and then dial tone is generated and recent call numbers appear in the display.
- ② Press  or  to scroll to the number you wish to dial.
- ③ Press  once.

Note: If no recently dialed or received call numbers are stored, you are not able to use this function.

5.6 Caller ID

Caller ID is a network service that identifies incoming calls. Contact your service provider to find out how to get this feature.

When Caller ID is active, your phone shows the caller's phone number during an incoming call, as long as this number is a part of your service provider's wireless network.

The wireless network lets you know if it does not recognize the caller's phone number. The wireless network will also let you know if the calling party has blocked the Caller ID feature.

If you have stored the name and number of the calling party in your phone book and that number is supported by the wireless network, the caller's name can also appear.

5.7 Out of Range display and warning tone

If handy is out of range from the base, display shows "Out of Range". In this state, you are not able to make or receive a call, and also SMS function does not work.

- ① Standby

If handy is far away from the base, the handy displays "Out of Range" on the screen, and

generates “Out of Range” warning beep sound every 2 minutes. This tone lasts for 20 minutes until you close to the base. If you try to make a call during this state, handy generates error beep sound and display “Hand-Out of Range”.

When handy is close to the base, “Out of Range” disappears.

② During a call

During a call, if handy is far away from the base, the handy displays “Out of Range” on the screen and generates “Out of Range” warning beep sound every 3 second. You can continue the call if the handy closes to the base within 30 seconds after beep sound started. If not, call is automatically dropped.



Note: Exceptionally, you can make an emergency call although the handy is “Out of Range” from the base.

5.8 Paging

Press the page button to find handy, and then handy beeps.

After you find it, press any key on the handy to stop the beep sound. You can stop the beep by pressing page key one more time.

5.9 Handy and Base ID Settings

Once battery in the handy or in the base is replaced, you must configure ID settings as follows.

- ① Place handy on the base when a charger is connected to the base.
- ② When handy beeps and LED is on, ID setting is completed.

Caution: If ID setting is not properly completed, handy displays “Out of Range”. Retry 5.9 Procedure to properly configure ID settings.

5.10 SMS and Voice Mail



A new SMS or Voice mail arrives, the back light of the handy is on and the handy displays “XX New Text” or “XX Voice Mail” and call back number on the screen.

6

USE PHONE MENUS

6.1 Navigate menus

A menu is a list of choices you can make. Your phone has 6 main menus. Each main menu contains numerous submenus that allow you to use the phone book, change the ringing tone, and so on. You can use menus and submenus in two ways: by scrolling or by using shortcuts.

6.1.1 Scroll through menus

From the idle screen, press **Menu**, and then scroll through the menu using the  and .

6.1.2 Use a shortcut

You can use a shortcut to get to options directly without scrolling through lists.

6.1.3 Exit menu levels

- To return the previous menu level, press **Back** or **No**.
- To return to the idle screen, press . No menu setting changes are saved.

6.2 List of Menus

Your phone's menu may differ from the following list, depending on the network services to which you have subscribed and the accessories you are using. For more information, contact your service provider.

1. Phone Book

1. Add New
2. Search Entry
3. Search Name
4. Erase
5. My Phone #

2. Call Logs

1. Missed Calls
2. Received Calls
3. Dialed Calls
4. Erase Logs
 1. Missed Calls
 2. Received Calls
 3. Dialed Calls
 4. All Logs
5. Call Duration

1. Last Call
2. All Calls
3. Received Calls
4. Dialed Calls

3. Message

1. Write Message
2. Inbox
3. Outbox
4. Erase Message
 1. Inbox
 2. Outbox
 3. Voice Mail
 4. Erase All
5. Settings
 1. Save Sent SMS
 2. Default CB#
 3. Message Alert
 1. Bell
 2. Silent
 3. Bell & remind
 4. Delivery Ack
 5. Auto Erase
 1. Inbox
 2. Outbox

4. Sound

1. Ring Type
 1. Ringer
 2. Slide Ringer
 3. Silent
2. Ring Tone
 1. Bell
 2. Melody

- 3. Ring Volume
 - 4. Key Tone
 - 1. Tone Length
 - 1. Long DTMF
 - 2. Short DTMF
 - 2. Tone Volume
 - 5. Sound Settings
 - 1. Minute Alert
 - 2. Connect Alert
 - 3. Release Alert
 - 4. Charge Alert
 - 5. Error Alert
 - 6. Alarm
 - 1. Alarm #1
 - 2. Alarm #2
 - 3. Alarm #3
5. Settings
- 1. Auto Redial
 - 1. Retry Time
 - 2. Repeat
 - 2. Lift Answer
 - 3. One Touch
 - 4. Voice Privacy
 - 1. Standard Mode
 - 2. Enhanced Mode
 - 5. Back-Light
 - 6. LCD Contrast
 - 7. Language
 - 1. English
 - 2. Espanol
 - 3. Portuguese
 - 8. Data Service
 - 1. Receive Mode

1. Voice
 2. Data
 3. Fax
2. Baud Rate
 1. 230400bps
 2. 115200bps
 3. 19200bps
6. Security
 1. Auto Lock
 2. Change Code
 3. Restrict
 1. Receiving
 2. Dialling
 3. International
 4. Reset

7

ENTER LETTERS AND NUMBERS

You can enter letters or numbers with phone key pad to save the information into your phone. To enter letters, press the key associated with the letter you wish to enter until it appears on the screen (numbers also appear).

7.1 Enter Letters

When you want to add new names or when you search names in the phone book, your phone automatically switches to the text mode and displays the **Abc** icon.

Key	Characters	Key	Characters
	1 . @ - ' , / : ? (		P Q R S 7
	A B C 2		T U V 8
	D E F 3		W X Y Z 9
	G H I 4		Enter an empty space
	J K L 5		Changes "Abc", "ABC", "abc"
	M N O 6		Changes "Abc", "123", Special character as below ! @ # % & * < > - ; \ ? . , { } \$ [] ^ _ + = : ' ' () / ~

Press a key once or several times to enter the letter(s) you want. For example, press three times to enter the letter C.

7.1.1 Edit name

To edit a name in the phone book:

- Use to scroll the cursor to the left.
- Use to scroll the cursor to the right.
- Press **Clear** to correct any mistakes.

7.1.2 Change case of letters and numbers

You can switch the mode among uppercase and lowercase letters and numbers by pressing .

8

USE THE PHONE BOOK

8.1 About the phone book

You can store up to 200 entries in the phone.

Entries stored in phone allow numbers of up to 32 digits, and names of up to 33 characters.

In the idle screen, you can press  (Search) on the right



and  (Search) on the left to enter immediately

Phone Book List.

8.2 Add a new phone book Entry

To create a phone book entry:

- ① Press **Menu > Phone book**.
- ② Scroll to **Add New** and press **Select**.
- ③ Enter the number you want to store and press **Next**.
- ④ Check entry number shown in the display or change entry number and press **Next**.
- ⑤ Enter the name you want to store and press **Save**.
- ⑥ Select one of labels among **Mobile**, **Home** and **Office** where you want to store the number and press **Select** to complete.
 - ✓ To store the number into other storing option :
 - ① Press **Search** and enter the name you want to find or press **Select** to find all list.

8.3 Edit Entry

To edit a phone book entry:

- ① Press **Menu > Phone book**.
- ② Scroll to **Search Name** or **Search Entry** to find the number you want to edit.
- ③ Select the entry to edit and press **Detail**.
- ④ Press **Edit** and change the name or the number.
- ⑤ Press **Save** to complete the change.

To add the number into other storing option:

- ① Press **Menu > Phone book**.
- ② Scroll to **Search Name** or **Search Entry** to find the number you want to add.
- ③ Select the entry to edit and press **Detail**.
- ④ Scroll to one of storing options (Mobile, Home, Office) you want to add and press **Edit**.
- ⑤ Enter the number and press **Save** to complete the change.

8.4 Search Entry

To search a phone book list by Entry:

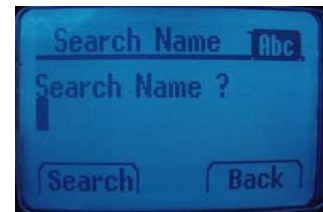
- ① Press **Menu** > **Phone book**.
- ② Scroll to **Search Entry** and press **Select**.
- ③ **Entry? ____** appears in the display and enter the number you want to find, or press **Search** to list all entries stored in the phone book.

Note : You can make a call by pressing long the last digit of Entry number stored in the phone book from idle screen.

8.5 Search Name

To search a phone book list by name:

- ① Press **Menu** > **Phone book**.
- ② Scroll to **Search Name** and press **Select**.
- ③ Enter one or two characters to match the phone book stored and press **Search**.
- ④ The character you entered is included in the name stored and entries appear in the display.



If you press **Search** without entering a character, all entries are listed.

- ⑤ Scroll to the number you want to call and press .

Note : You also can directly go to this function by pressing Search from the idle screen

8.6 Erase

To delete phone book entries:

- ① Press **Menu** > **Phonebook**.
- ② Scroll to **Erase** and press **Select**.
- ③ Scroll to **One by One** or **Erase All** to decide the way you want to delete phone book entries and press **Select**.
- ④ Select **Yes (or Ok)** if you want to delete, or select **No** (or **Back**) to go back to previous menu.

Caution : Note that this action cannot be undone once you perform this function..

8.7 My Phone

To store your own phone number in the phone:

- ① Press **Menu > Phonebook**.
- ② Enter your number to store and press **Save** to complete.

9

USE CALL LOGS

The Call History keeps track of:

- Missed Calls
- Received Calls
- Dialed Calls
- Erase Logs
- Call Duration



Note: Your phone can store up to 30 call numbers including missed, received and dialed calls. (확인요망)

When you miss a call(s), the message of missed call number, time and call back number appears on the screen. You can press **OK** after check the screen and go back to Standby. The records will be stored in Call Logs.

You are notified of missed calls only when your phone is turned on in the service area.



9.1 Check Missed / Received / Dialed Calls

- ① Press **Menu > Call Logs**.
- ② Select **Missed Calls**, **Received Calls** or **Dialled Call** and press **Select**.
- ③ From the list of records, select the number listed in the display and press **Detail** to see the detail call log like date and time.
- ④ Scroll to the number and press **Option** for the following options.
 - **Store** Save the number to the phone book.
 - **Erase** Delete the chosen number.

9.2 Erase Logs

You can choose to delete Missed Calls, Received Calls and Dialled Calls or delete All.

- ① Press **Menu > Call Logs**.
- ② Select **Erase Logs** and press **Select**.
- ③ Scroll to **Missed Calls**, **Received Calls**, **Dialled Calls** or **All Calls** and press **Select**.
- ④ Press **Yes** to delete or press **No** to quit.

Caution : Note that this action cannot be undone once you perform this function.

9.3 Call Duration

You can check the call time in below:

- **Last Calls** Check the call duration of the last call.
 - **All Calls** Check the total call times and call duration of all outgoing calls.
 - **Received Calls** Check the total times and call duration of all received calls.
 - **Dialled Calls** Check the total times and call duration of all dialed calls.
- ① Press **Menu > Call Logs**.
 - ② Scroll to **Last Calls**, **All Calls**, **Received Calls** or **Dialled Calls** and press **Select**.

10

USE SMS (SHORT MESSEAGE SERVICE)

Your phone can send or receive text message. It supports 20 messages with 160 characters per each and you can use Template (already installed in your phone) to shorten the editing time.

After completion of a message, you can choose to send it out right away, or to save it as a draft.

- Write Messages
- Inbox [00/00]



- Outbox [00]
- Erase Message
- Settings
- Voice Mail [00]

10.1 Send a Text Message

You can send a text message to one or more recipients. You can manually enter each recipient's phone number, or you can select the number from the phone book.

Note: The maximum length of a text message differs depending on the capabilities of the network from which it originated. Also, text messages may be delayed according to network service condition because messages can be originated in networks.

Contact your service provider for more information.

- ① Press **Menu > Message**.
- ② Scroll to **Write Message** and press **Select**.
- ③ You can enter text, numbers and special characters to create a message. A maximum 160 characters is supported to send a message.

Or, press **Temp** to use template stored in the phone and select one of the message templates in below.

- Where are you?
- Hello, How are you?
- Tell me, urgently.
- I will call you later.
- Contact me when available.
- I will be late.
- Received message. Will reply later.
- What are you doing?
- When can I see you?
- What time is the meeting?

- ④ Press **Next** to complete the message.
- ⑤ Press **Search** to find the number stored in the phone book. Or, manually enter the number and press **Next**.

- ⑥ Choose one of the options in below and press **Select**.
- **Send** Send message to only one number.
 - **Edit Message** Edit the message you wrote.
 - **Edit Number** Edit the number you entered.
 - **Save Message** Save message to the draft.
 - **Priority** Select priority between Urgent and Normal.
 - **Call Back** Enter the call back number.

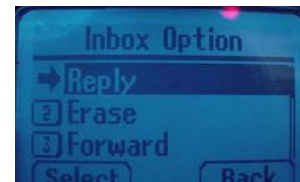
10.2 View Inbox / Outbox

When you receive a message, call back number displays with a message alert, and a new message icon  appears as picture. You can press **Read** to read it right away, or ignore it and check it later in Inbox by pressing **Cancel**.



Outbox stores messages sent and saved.

- ① Press **Menu > Message**.
- ② Scroll to the **Inbox** or the **Outbox** and press **Select**.
- ③ From the list, select the message you received or sent and press **Select**.



- ④ When you press **Option**, you can scroll to one of the message options:
 - **Reply (Inbox)** Reply the chosen message.
 - **Send (Outbox)** Send the chosen message.
 - **Erase** Delete the chosen message.
 - **Forward(Inbox)** Forward the chosen message.
 - **Save Address** Save the call back number to the phone book.

10.3 Erase a message

To delete messages stored in Inbox and outbox :

- ① Press **Menu > Message**.
- ② Scroll to **Erase Message** and press **Select**.
- ③ Scroll to **Inbox**, **Outbox** or **Voice Mail** you want to delete and press **Select**.
Or, select **Erase All** to delete all.

- ④ Select **One by one** to delete a message one by one and press **Select**.
Or, select **Erase All** to delete all in the message box.
- ⑤ Press **Erase** to delete or press **Back** to quit.

Caution : Note that this action cannot be undone once you perform this function.

10.4 Message Settings

To configure the message settings :

- ① Press **Menu > Message**.
- ② Scroll to **Settings** and press **Select**.
- ③ From the list, select one option you need and press **Select**.
 - ✓ **Save Sent Message** You can save the sent message
 - ✓ **Default CB #** Enter the default call back number.
 - ✓ **Message Alert** Select **Bell**, **Silent** or **Bell & remind**.
 - ✓ **Delivery Ack** Press **Yes** to check message delivery or press **No** to quit.
 - ✓ **Auto Erase** Set to erase **Inbox** or **Outbox** automatically.

10.5 Use Voicemail (Network Service)

You can listen to your voice messages by calling your network voice mail phone number.

Voice messages are stored to the network voice mail box, not to your phone.

- ① Press **Menu > Message**.
- ② Scroll to the **Voice mail** and press **Select**. If there is no network service numbers listed, "Empty" is displayed; press **Ok** and then select **Edit** to create one.
- ③ From the list, select one option you need and press **Ok**
 - **Empty & Edit** Enter or modify the network service number.
 - **Erase** Delete all pre-saved info of the chosen Voice Mail Server.
 - **Connect to Voice** Dial the network service number and connects you to the voice mail service.

11

SET SOUND

You can set your own preference on the following functions.

- Ring Type
- Ring Tone
- Ring Volume
- Key Tone
- Sound Settings
- Alarm



11.1 Set Ring Type

- ① Press **Menu > Sound > Ring Type.**
- ② Scroll to one of the below options you want and press **Select.**
- ✓ **Ringer**
- ✓ **Slide Ringer**
- ✓ **Silent**

11.2 Set Ring Tone

- ① Press **Menu > Sound > Ring Tone.**
- ② Scroll to one of the below options you want and press **Select.**
- ✓ **Bell**
- ✓ **Melody**

11.3 Set Ring Volume

- ① Press **Menu > Sound > Ring Volume.**

- ② Adjust the volume by pressing  and  scroll keys and press **Select.**



11.4 Set Key Tone

- ① Press **Menu > Sound. > Key Tone.**

- ② Scroll to one of the below options you need and press Select.

- ✓ **Tone Length** Select Long DTMF or Short DTMF
- ✓ **Tone Volume** Adjust the volume by pressing  or  scroll keys.

11.5 Set Sound Setting

- ① Press **Menu > Sound > Sound Settings**

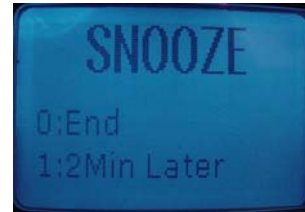
- ② Scroll to one of the below options you need and press Select.

- ✓ **Minute Alert**
- ✓ **Connect Alert**
- ✓ **Release Alert**
- ✓ **Charge Alert**
- ✓ **Error Alert**

11.6 Set Alarm

When Alarm is set, the icon  appears on the idle screen. You can set up to three Alarms.

- ① Press **Menu > Sound > Alarm**.
- ② Scroll to **Alarm #** you want to set and press **Select**.
- ③ Select **Off**, **Once** or **Daily** and press **Next**.
- ④ Set Time and press **Next**.
- ⑤ Select **Off** or **On** to use Snooze function and press **Next** to save the change.
- ⑥ When the phone alarms at the time you set, press any key to stop the alarm.
- ⑦ If you set Snooze function,
 - ✓ Select  : end
 - ✓ Select  : Snooze



12

USE SETTINGS

Setting menu includes :

- **Auto Redial**
- **Lift Answer**
- **One Touch**
- **Voice Privacy**
- **Back-Light**
- **LCD Contrast**
- **Language**



- **Data Service**

12.1 Set Auto Redial

You can set Auto Redial to enable the phone to keep trying dialing if the called party is not available.

- ① Press **Menu > Settings > Auto Redial**
 - ② Scroll to **Retry time** and press **Select**.
 - ③ You can choose one of the options you need and press **Select**.
 - ✓ **Off**
 - ✓ **3 Seconds**
 - ✓ **5 Seconds**
 - ✓ **7 Seconds**
 - ✓ **10 Seconds**
- Or, you can scroll to Repeat and press Select.
- ✓ **1 time**
 - ✓ **3 times**
 - ✓ **5 times**

12.2 Set Lift Answer

This allows you to set answer mode.

- ① Press **Menu > Settings > Lift Answer**.
- ② Select **On** to answer a call by lifting the handy from the base or **Off** to answer by pressing (Send).

12.3 Set One Touch

- ① Press **Menu > Settings > One Touch**
- ②

12.4 Set Voice Privacy

12.5 Set Back-Light

- ① Press **Menu > Settings > Back-Light**
- ② Scroll to one of the below options you want and press **Select**.

- ✓ **10 Seconds**
- ✓ **20 Seconds**
- ✓ **30 Seconds**
- ✓ **Off**

12.6 Set LCD Contrast

There are 7 levels for LCD Contrast.

- ① Press **Menu > Settings > LCD Contrast**.
- ② Adjust contrast using **↑** and **↓** key
- ③ Press **Select** to save or **Back** to quit.



12.7 Set Language

You can select the language you need. The phone currently supports three languages (English, Spanish, and Portuguese).

- ① Press **Menu > Settings > Language**.
- ② Select the language you need and press **Select** to complete.

12.8 Set Data Service

Voice / Data / Fax

230400 bps / 115200 bps / 19200 bps

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SECURITY

Your phone is equipped with a versatile security system that prevents the unauthorized change of the below phone settings.

- ✓ **Auto Lock**
- ✓ **Change Code**
- ✓ **Restrict**
- ✓ **Reset**



You must press default security code “0000” to enter into this menu and you can change security code as you want.

13.1 Set Auto Lock

You can lock the phone to prevent unauthorized use of phone. Even though your phone is locked, you still can make a call to the emergency number programmed into your phone, such as 911 or any other official emergency number.

- ① Press **Menu > Security > Auto lock.**
- ② Toggle **On** or **Off** to lock or unlock phone. If you want to lock the phone after power on, select **Power On**.

13.2 Set Change Code

You can change security code in four digits.

- ① Press **Menu > Security > Change Code**
- ② Enter the number you want to set and press **Save**.



Caution: Contact your service provider if you forget the security code.

13.3 Set Restrict

You can restrict incoming and outgoing calls.

- ① Press **Menu > Security > Restrict.**
- ② Scroll to one of the below options you want and press **Select**.
 - ✓ **Receiving**
 - ✓ **Dialling**
 - ✓ **International**



- ③ Scroll to **Allow** to allow the calls or **Restrict** to restrict the calls and press **Select** to complete.

13.4 Set Reset

This feature resets the current settings to factory default values. All the phone book and messages stored in the phone is erased and cannot be undone once performed.

- ① Press **Menu > Security > Reset**

- ② Press **Yes** to reset the phone or **No** to quit.

14

REFERENCE INFORMATION

14.1 Emergency Calls

IMPORTANT!

This phone, like any wireless phone, operates using radio signals, wireless and landline networks, and user-programmed functions. Because of this, connections in all conditions cannot be guaranteed. Therefore, you should never rely solely on any wireless phone for essential communications (e.g. medical emergencies).

Remember, to make or receive any calls, the phone must be switched on and be used in a service area that has adequate signal strength. Emergency calls might not be possible on all

wireless phone networks or when certain network services and/or phone features are in use. Check with local service providers.

14.1.1 Make an emergency call

① Enter the emergency number for your present location (for example, 911 or any other official emergency number emergency numbers vary by location).

② Press .

If certain features like restrict calls are in use, you might first need to turn those features off before you can make an emergency call. Consult this guide and your local cellular service provider.

When making an emergency call, remember to give all of the necessary information as accurately as possible. Remember that your wireless phone might be the only means of communication at the scene of an accident do not terminate the call until given permission to do so.

14.2 Troubleshooting

14.2.1 No service

If you are outside the wireless service area, No service will display on your phone. No calls can be made or received, however, emergency calls may still be possible.

14.2.2 What if the call does not go through?

Your phone can make and receive calls only when it is switched on and in the wireless network's service area.

No service means that you are probably outside the wireless service area. No calls can be made or received.

This number is restricted means calls to the phone number you tried to call are restricted

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TECHNICAL INFORMATION

The model wireless 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 limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission(FCC) 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 or health.

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

Before a phone model is available for sale to the public in the U.S. and Canada, it must be tested and certified to the FCC that it does not exceed the limit established by each government for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) reported to the FCC. The highest SAR value for this model phone when tested for use at the ear is 1.000W/kg, and when worn on the body, as described in this user guide, is 0.526W/kg.

While there may be differences between the SAR levels of various phones and at various positions, they all met 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.

2. Body-worn Operation

For body-worn operation, the SAR testing of the device was performed using a 0.8 cm air gap, which corresponds to using clips and holsters that contain no metallic components and meets FCC RF exposure guidelines. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure compliance and should be avoided.

Weight	Handy : 168.0grams(0.37 lbs) Base : 153.5 grams(0.33 lbs)
Size (H x W x D)	Handy : 160.3mm(H) x 50.0mm(W) x 34.8(T) (Antenna adds 27.0mm to the height) 5.31”(H) x 1.96”(W) x 1.37”(T) (Antenna adds 1.06” to the height) Base : 83.2mm(H) x 125.0mm(W) x 133.7mm(T) 3.27”(H) x 4.92”(W) x 5.26”(T)
Wireless Networks	CDMA 800
TX Frequency Range	824.7 ~ 848.31 MHz
Back up Battery	3.6V 280mAh rechargeable battery