

DUAL-MODE TDMA PHONE

MODEL : FTD-8900



PRELIMINARY

041008 – Rev. 00ae

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1. SAFETY INFORMATION

SAFETY INFORMATION FOR WIRELESS HANDHELD PHONES

WARNING! Please do not use your **FTD-8900** wireless telephone if you may be distracted from another activity (such as driving a motor vehicle or walking across the street) and create a safety hazard to yourself and others. Use your wireless telephone responsibly. Be alert to your surroundings whenever you operate your wireless telephone.

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

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)*

*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).

Body-worn Operation

For body-worn operation, The SAR testing of the device was performed using a 1.5cm 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.

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

Specific Absorption Rate (SAR) for Wireless Phones

The SAR is a value that corresponds to the relative amount of RF energy absorbed in the head of a user for a wireless handset. The SAR value of a phone is the result of an extensive testing, measuring and calculation process. It does not represent how much RF the phone emits. All phone models are tested at their highest value in strict laboratory settings. But when in operation, the SAR of a phone can be substantially less than the level reported to the FCC. This is because of a variety of factors including its proximity to a base station antenna, phone design and other factors. What is important to remember is that each phone meets strict federal guidelines. Variations in SAR's do not represent a variation in safety. All phones must meet the federal standard, which incorporates a substantial margin of safety. As stated above, variations in SAR values between different model phones do not mean variations in safety. SAR values at or below the federal standard of 1.6W/kg are considered safe for use by the public.

The highest reported SAR values of 1.260 are:

AMPS mode (Part 22)- Head: 0.754 W/kg; Body-worn: 0.509 W/kg

TDMA mode (Part 22)- Head: 1.260 W/kg; Body-worn: 0.832 W/kg

FCC Radio Frequency Emission

This phone meets the FCC Radio Frequency Emission Guidelines. FCC ID number: NPQFTD8900

More information on the phone's SAR can be found from the following FCC website: <http://www.fcc.gov/oet/fccid>

Caution

Modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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.

NORMAL POSITION: Hold the phone as you would any other telephone with the antenna pointed up and over your shoulder.

TIPS ON EFFICIENT OPERATION

For your phone to operate most efficiently:

- Do not touch the antenna unnecessarily when the phone is in use. Contact with the antenna affects call quality and may cause the phone to operate at a higher power level than otherwise needed.

DRIVING

Check the laws and regulations on the use of wireless telephones 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.

ELECTRONIC DEVICES

Most modern electronic equipment is shielded from RF signals. 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 inches (6") 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:

- Should ALWAYS keep the phone more than six inches (6") from their pacemaker when the phone is turned ON.
- Should not carry the phone in a breast pocket
- Should 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 phone 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.

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

Vehicles

RF signals can affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer or its representative regarding your vehicle. You should also consult the manufacturer of any equipment that has been added to your vehicle.

Posted Facilities

Turn your phone OFF in any facility where posted notices so require.

AIRCRAFT

FCC regulations prohibit using your phone while in the air.

Switch OFF your phone before boarding an aircraft.

BLASTING AREAS

To avoid interfering with blasting operations, turn your phone 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 phone 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 gasoline 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 engine.

FOR VEHICLES EQUIPPED WITH AN AIR BAG

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

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.

Information to User

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 on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/ tv technician for help.

2. PREPARING YOUR PHONE FOR USE

2.1 Install the battery

- Lift the battery door off the phone.
- Slide battery following with a picture on the battery.
- Then slide battery door upwards until clicks.

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

2.2 Remove the battery

Note: *Switch the phone off before removing the battery!*

- Press and hold the button at the top of the battery door. Lift the battery door off the phone.
- Lift the battery off.

2.3 Charge the battery

- ① Connect the lead from the charger to the bottom of the phone.
- ② Connect the charger to an AC wall outlet. The battery indicator bar starts to scroll.

Note: *If the battery is totally empty, it may take a few minutes before the charging indication appears on the screen.*

Tip: *The phone can be used while charging if the phone is switched on.*

Note: *Disconnect your phone from the charger if the phone becomes hot during a call.*

- ③ The battery is fully charged when the battery indicator bar stops scrolling, and

the Battery full text is briefly displayed if the phone is switched on. Charging time depends on the charger and battery used.

- ④ Disconnect the charger from the AC outlet and the phone.

3. HIGHLIGHTS OF FEATURES

- Easy to read graphical display
- Phone book (up to 150 names and numbers)
- Easy to use keypad layout
- 16 Ring tones and 5 Ring style selections
- Adjustable ring volume
- Vibrating alert
- Quick access to the last 10 numbers dialed
- Caller ID
- Games
- Auto redial
- Calculator
- Clock with Alarm
- Dialed, received, missed calls
- Call restriction
- Keypad lock
- Call timer
- Profile settings
- Short message service
- Voice mail capability
- 2 different NAM
- Multi-Languages (English, Spanish and Portuguese)
- Earphone / microphone jack

4. ABOUT THE PHONE

This phone operates in digital mode within the 800 MHz frequency band and operates in analog mode within the 800 MHz range.

4.1 Name and function

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Graphic Display

Scroll key

Scrolls through menus, submenus, and phone book. Press and hold for continuous scrolling.

Send key

Dials the number on the display.

KeyPad



Antenna

Receiver

To hear the other party during the call.

Selection keys / Mute key (RSK)

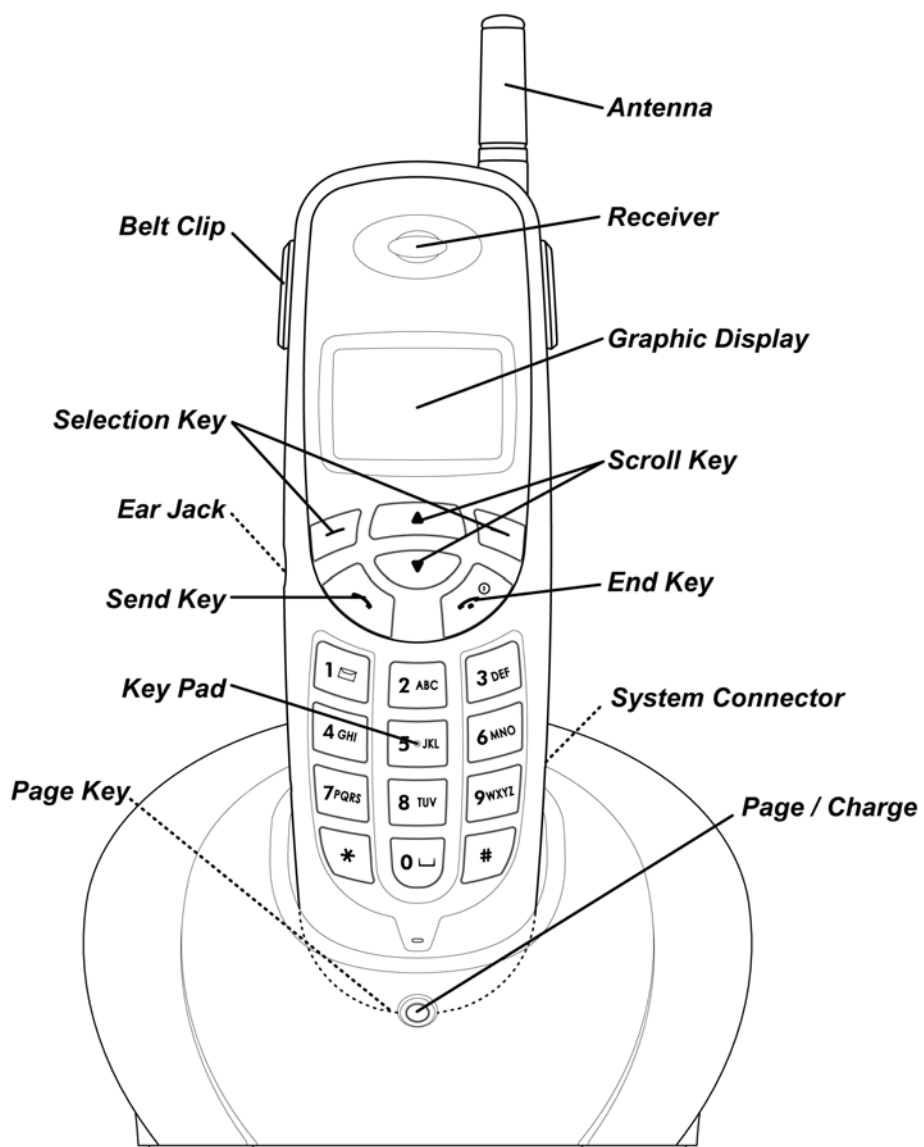
Their current function is displayed above the key. (for example, here their functions are "Menu" and "Names").

Press right selection key to mute during a call.

End key

Press this key to end a phone call or press and hold to turn the phone on or off.

Microphone



4.2 Key functions

4.2.1 Selection keys / Mute key (RSK)

- Press to perform the function indicated by the text on the screen above the key.
- Press right selection key to temporarily mute a call.

4.2.2 Send Key

- Press to make a call to time and name / number shown on the screen.
- Press to answer a call.
- Press once to enter the list of last dialed numbers.

4.2.3 End Key

- Press and hold the key to switch the phone on or off.
- Press to end a call.
- ~~Press to temporarily mute a call.~~
- Press once to exit a function and to return to the start screen.

4.2.4 Number keys

- Used for entering numbers and letters.
- Press and hold  to call the voice mailbox.
- Press  to toggle between upper case, lower case and numeric modes.

4.2.5 Scroll keys

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

4.2.6 Using the selection keys

The functions of the selection keys depend on the guiding texts shown above the keys.

For example, when there is the text **MENU** above the left selection key,



Pressing this key enters the menu functions.

Similarly, pressing the right selection key  under text **NAMES** has access to phone book functions.

4.2.7 Using the scroll keys

The phone has two scroll keys,  and , located just below the screen. The scroll keys have up and down arrows on them, press these to move through the phone's menus.

4.3 About display indicators and icons

The display indicators and icons inform about the operation of the phone.

4.3.1 Start screen

The start screen displays when the phone is turned on. Several features can be used only when the phone is at the Start Screen.

A solid green rectangular screen with the word "Welcome" in black text centered on it.

Welcome

4.3.2 Scroll bar

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

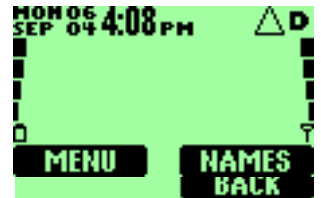


4.4 Indicators and icons

On your phone, you have two types of identifiers: indicators and icons. Icons are graphical representations of a specific item or situation. For example, an icon appears when you have a voice message waiting to be heard.

Indicators show the status of something. The phone uses three types of indicators:

- **Signal strength indicator:** This indicator shows the signal strength of the wireless network at your current location. The higher bar, the stronger signal.
- **Battery power indicator:** This indicator shows the battery charge level. The higher the bar, the more power in the battery.
- **Ringer volume indicator:** When you press the scroll keys during stand by, you are able to adjust ringer volume higher or lower.



The list below shows what each icon means.

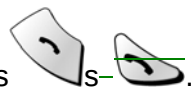
	You have an active call.
	You have an missed call.
	The Keyguard has been activated to prevent any accidental key presses.
	You have one or more new voice messages waiting.
	You have one or more unread text messages waiting.
	Any alpha characters you enter will be uppercase (capital letters). Press  to switch to uppercase.
	Any alpha characters you enter will be lowercase. Press  to switch to uppercase.
	You are in numbers mode. After switching to this numbers mode, you cannot enter any alpha characters. You can enter only numbers.
	This appears when you press  while storing names. You are in special character mode. You can select a special character by pressing SELECT .
	The alarm clock is set.
	You have selected Silent as the current profile.
	Digital mode.
	Analog mode.

5. BASIC OPERATIONS

5.1 Switch the phone ON or OFF

- To turn the phone on, Press and hold the  until the phone display "Welcome" on the screen.
- To turn the phone off, press  ~~and hold  until the phone display is changed. Then press .~~

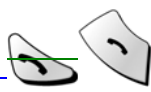
5.2 Make a call

- ① Hold the phone as you would any other telephone, with the earpiece over your ear and the microphone near your mouth.
- ② Deactivate the keyguard, if it is on.
- ③ Enter the phone number-including the area code-and pres .
- ④ Press  to end the call or to cancel the call attempt.

Note: *In a call for long time can be occurred to the phoen generating heat. Deactivate the keyguard, if it is on. ~~It is normal for the phone to become hot during use. If the phone becomes too hot, it may automatically drop the current call and returns to the "start screen." Until the phone cools down, user may be unable to receive or make calls.~~*

5.3 Answering a call

To answer a phone call:

- ① Press ~~any key to answer the call.~~  to answer the call.
- ② Press  to end the call.

5.4 Adjusting the earpiece volume

You can adjust the earpiece volume (while in a call ~~or at any time~~) by pressing the scroll keys on the phone.

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

5.5 Redial the last-dialed number

To redial the last-dialed number on your phone:

Stored numbers may be up to 10 recently dialed numbers. Stored numbers may be up to 208 digits long.

① When pressing   once, you are able to find last – dialed numbers.

② Press   or   what you want to call.

③ Press   once.

Note: If there is no stored the last – dialed number, you are not able to use this function. ~~If not there, return to the Start screen by pressing . Otherwise proceed to step ②.~~

~~②④ Press  two times.~~

5.6 Use 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 doesn't recognize the calling 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 has supported by the wireless network, the caller's name can also appear.

6. USE PHONE MENUS

6.1 Navigate menus

A menu is a list of choices you can make. Your phone has 9 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 two ways: by scrolling or by using shortcuts.

6.1.1 Scroll through menus

④ From the Start screen, press **Menu**, and then scroll through the menus

using the  and .

① Press **OPTIONS**, **SELECT**, **ENTER**, or **OK**, using  , at the option you want.

③② Use the scroll and selection keys to navigate the submenus and to return to the Start screen.

6.1.2 Use a shortcut

To get to options directly, without scrolling through lists, you can use a shortcut.

6.1.3 Exit menu levels

- To return the previous menu level, press **BACK** or **ECANCELXIT**.

- To return to the Start screen, press  .
No menu setting changes are saved.

6.2 List of **Menu** shortcuts

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. If you have any questions, call your service provider.

1. Phonebook
 1. Details
 2. New
 3. Delete
 4. Turbo Dial
 5. Delete All
2. Call Log
 1. Missed
 2. Received
 3. Dialed
 4. Timers
 1. Last Call
 2. Received
 3. Dialed
 4. Reset All Timers
 5. All Calls
 6. Lifetime
3. Messages
 1. Inbox
 2. Outbox
 3. New Text Msg
 4. Use Template
 5. Write E-mail
 6. Voice Mail
 1. Call Voicemail
 2. Voicemail Num
4. Settings
 1. Call Settings
 1. Emergency Key 9
 2. Calling Card
 3. One-Touch Dial

- 4. Auto Redial
- 2. Phone Settings
 - 1. Contrast Control
 - 2. Date and Time
 - 3. Set Alarm Clock
 - 4. Languages
 - 5. Welcome
 - 6. OwnNum Display
 - 7. Backlight
 - 8. DTMF
 - 9. Master Clear
 - 10. Master Reset
 - 11. Minute Reminder
- 3. Message Settings
- 4. Answer Settings
 - 1. Auto Answer
 - 2. Any Key Answer
- 5. Network Services
 - 1. Voice Privacy
 - 2. Call Forwarding
 - 3. Call Waiting
 - 4. Send Own Num
 - 5. Feature Code Set
 - 6. ~~NAM~~ Selection
 - 6. ~~Network Scan~~
- 6. Security Settings
 - 1. Call Restriction
 - 2. Access Codes
- 5. Profiles
 - 1. Ring Loud(the following submenus appear in all profiles)
 - 1. Select
 - 2. Customize
 - 1. Volume
 - 2. Ring Tone
 - 3. Message Tone
 - 4. Ring Style
 - 5. Warn&GameTon

6. Keypad Volume

2. Ring Soft

3. Vibrate

4. Silent

5. Vibrate-Ring

6. Calendar

7. Calculator

8. Games

1. Breakout

2. Snake

9. Keyguard

7. ENTER LETTERS AND NUMBERS

You can enter letters, as well as numbers, when storing information into your phone by using your phone's keypad. 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 view names in the phone book, your phone automatically switches to the ABC mode and displays the **ABC** icon.



- Press a key once or several times to enter the letter(s) you want.

For example, press   three times to enter the letter C.

Key	Characters	Key	Characters
 	. 1 @ ? ! , & : ; () ' `	 	P Q R S 7
 	A B C 2	 	T U V 8 Ú Û Ü
 	D E F 3	 	W X Y Z 9
 	G H I 4	 	Enters an empty space, 0 + - θ * / = > < # § []
 	J K L 5	 	Symbols and special characters
 	M N O 6	 	Change letter case

7.1.1 Edit name

To edit a name in the phone book:

- Use   to move the cursor to the left.
- Use   to move the cursor to the right.

- Press **CLEAR** to correct any mistakes.

7.1.2 Change from capital (uppercase) letters and number

To switch between uppercase and lowercase letters:

- Press .
- The **ABC** icon switches to **abc**, indicating that you are using lowercase.
- To switch back to uppercase, press  again.
- If you are in **ABC** mode, press and hold  for about 2 seconds. The **123** icon appears, enabling you to enter only numbers.
- To return to **ABC** mode, press  again for a couple of seconds.

7.1.3 Use punctuation and special characters

When in ABC mode, you can enter special characters.

To do so, press . The following special characters appear:

@ \$ _ ! . # % & ' () * + , - " / : ; < = > ?

- Press  or  to move to the character that you want to use and press **SELECT**.

Tip: If you want to access a special character that appears toward the end of this list, press  for quicker access.

7.2 Enter number

You use the 123 mode to enter numbers. When you're in 123 mode, the screen shows the **123** icon.

Note: *You cannot enter special characters in 123 mode from the special characters list.*

7.2.1 List of special characters

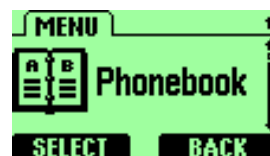
- * Use as bypass key.
- , Use to create a pause when a number is dialed.

The numbers you enter after this special character are automatically sent as touch tones after a 2.5-second pause.

8. USE THE PHONE BOOK

8.1 About the phone book

Your phone includes a phone book that can store up to 100 names and associated phone numbers and E-mail Address. Stored numbers can be up to 20 digits long. Stored names and E-mail Address can be up to 5020 characters long.



8.2 Use phone book menus

The phone book has several menus from which you can choose. These menus appear when you press **NAMES** or **OPTIONS**. Use



to move to the menu you want to use.

- **Details** Allows you to view details name and numbers.
- **New** Allows you to enter new name and numbers.
- **Delete** Allows you to erase only one name and number at a time.
- **Turbo Speed Dial** Allows you to assign up to seven one-touch dial locations.
- **Delete All** Allows you to erase all name and number in the phone book.

8.3 Add names and numbers

① Press **NAMES**.

② Press **OPTIONS**.

③ Scroll to **New** and press **SELECT**.

④ Using the keypad, enter the name. Use  to switch between upper and lowercase letters.

⑤ Using the keypad, enter the numbers. Press and hold  to switch between capital letters and numbers.

- ⑥ Press **ENTER**.
- ⑦ Enter the phone number and press **ENTER**.
- ⑧ Enter the E-mail Address and press **ENTER**.

Shortcut:

You can also enter numbers by using a shortcut from the Start screen.

- ① Enter a phone number and press **SAVE**.
- ② Enter a name at **NAME** and Press **ENTER**.
- ③ Press **ENTER**.
- ④ Enter the E-mail Address and press **ENTER**.

Note: You are able to make a call directly at phone book that you stored.

8.4 Change a stored telephone number

You can change a number without changing its associated name.

- ① Press **NAMES**.
- ② Scroll to the name you want and press **OPTIONS**.
- ③ Scroll to **Details**, then press **SELECT** to view the number.
- ④ Press **OPTIONS**.
- ⑤ If **Edit** is not highlighted, scroll to it and press **SELECT**.
- ⑥ Press **SELECT**.
The associated number appears.
- ⑦ Press **CLEAR** to erase one number at a time, or press and hold **CLEAR** to erase all the numbers on the screen.
- ⑧ Enter the new number
- ⑨ Press **ENTER** to save the new number.

8.5 Recall and dial stored numbers

You can recall and dial numbers using one of two methods.

To recall and dial a number:

- ① At the Start screen, press **MENU** and **SELECT**. Then press   or   to display the names that is stored in your phone book.
- ② Scroll to the appropriate name and press   to dial the associated number.

OR

- ① At the Start screen, press **NAMES**.
- ② Begin entering the first letter of the name you want to call.
For example, to find “**JOHN**” in phonebook, and inputting Alphabet “**J**”, then user will see all the listed name in phonebook with Alphabet sequence. Then the arrow indicates the name starting from B alphabet. Use has to scroll down to find “**JOHN**”.
- ③ When the appropriate name/number appears on the screen, press   to dial this number.

8.6 Erase stored names and numbers

Note: You cannot undo Erase functions, so be careful!

- ① Recall the stored name.
- ② Press **OPTIONS**.
- ③ Scroll to **Delete**, then press **SELECT**.
The **CONFIRM** message appears.
- ④ Press **OK** to erase this name and associated number.

8.7 Erase the entire phone book

You can erase the contents of your phone book. Note that this action cannot be reversed! Once you have performed this procedure, all the stored information in your phone book is erased.

To erase all the contents of your phone book:

- ① Recall the stored name.
- ② Press **OPTIONS**.
- ③ Scroll to **Delete All**, then press **SELECT**.
The **Security Code** field appears.

Note: *The security code is 12345 at first time.*

- ④ Enter your security code and press **ENTER**.

9. WORK WITH THE CALL LOG

The call log keeps track of:

- Missed calls
- Numbers from which you've received calls
- Numbers you've dialed
- The amount of time you've spent on calls



9.1 Call the call log

Press **MENU 2** to access **Call Log**, then press **SELECT**.

The following submenus are available:

Missed

Received

Dialed

Timers

To select any of these options, press the **SELECT** key while the option is displayed on the screen. The **Missed**, **Dialed**, and **Received** menu include the following options (available when you press the **OPTIONS** key):

- **Call Number** Allows you to view a number when an associated name appears on the screen.
- **Save Number** Allows you to save the displayed number into your phone book.
- **Delete** Allows you to delete the displayed number from the call log.

Note: Your phone can store up to 30 call numbers include missed, received and dialed calls.

9.1.1 Check missed calls

When you miss a call(s), the message Missed calls appears on your phone's screen, along with the number of calls missed.

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

To check missed calls:

- ① Press **SELECT**.

The phone shows the numbers of the calls you missed.

- ② Either scroll through the list using the  or  until you reach a number that you want to dial and press  or press **BACK** to return to the Start screen.

If you prefer, you can press **MENU 2 > 1** (**Call Log > Missed**), then scroll through the list of numbers.

Note: If you chose the *If not answered* option in *Call Forwarding*, then your phone treats these forwarded calls as missed calls.

You can also access previously dialed numbers by pressing  and then quickly pressing  or  to scroll through the list.

9.1.2 Check received calls

When you want to check received calls;

- ① Press **MENU 2 > 2** (**Call log > Received**).

- ② Use  or  to scroll through the list of received numbers.

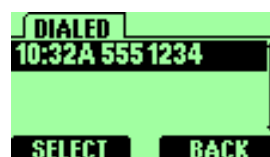
- ③ When you reach the number you want to dial, press .

9.1.3 Check previously dialed calls

When you want to check dialed calls;

- ① Press **MENU 2 > 3** (**Call log > Dialed**).

- ② Use  or  to scroll through the



dialed numbers list.

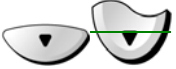
- ③ When you reach the number you want to dial, press .

9.2 Check call timers

Your phone tracks the amount of time you spend on each call.
To obtain information about time spent on phone calls:

- ① Press **MENU 2 > 4** (Call log > Timers).



- ② Use  or  to scroll through the options described in the following list:

- **Last call** Shows the call duration of the last made call.
- **Received** Shows the duration of all incoming calls since you reset the timers.
- **Dialed** Shows the duration of all outgoing calls since you reset the timers.
- **Reset All Timers** The Reset all times submenu allows you to erase every all timers.
- **All Calls** Shows the call duration of all calls that have been made and received since you reset the timers.
- **Lifetime** Shows the duration of all calls for the life of your phone. This option cannot be reset.

10. SEND AND RECEIVE TEXT MESSAGES

10.1 About the Messages

With the text message network service, you can send and receive short text messages. You can also send and receive messages that contain a person's name and/or number (a "business card").



To get your messages, other phones must have text message capability. Or, you can ask the service provider to convert the message to other formats, such as e-mail.

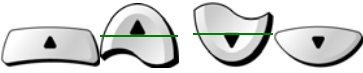
The maximum length of a received text message is 160 characters long. Your phone has space for up to 20 text messages, depending on the length of each message.

Note: *The maximum length of a text message differs, depending on the capabilities of the network from which it originated. Also, text messages may appear different at different times because messages can originate in networks other than your own.*

Contact your service provider for more information about this feature.

10.2 Use Messages menus

The Message has several menus from which you can choose. These menus appear

when you press **SELECT** Key. Use  to move to the menu you want to use.

- **Inbox** Inbox is where incoming messages are received and stored. All new, unread messages are kept here.
- **Outbox** Outbox is where outgoing messages are send and stored. All outgoing message are kept here.
- **New Text Msg** Enter your new messages.

- **Use Template** Allows the user to create a new SMS message based on a predefined list of messages, such as “Meeting cancelled” or “Call me please”.
- **Write E-mail** Enter your e-mail message.
- **Voice Mail** Enter your voice mail numbers.

10.3 Write with standard text input

Standard text input is the default mode for text entry. The ABC icon **ABC** appears as visual confirmation.

Press  and hold to enter a number. **123** indicate 123 mode. Press and hold again to write text letters.

- ① Find the key that is below the letter you want to enter.
- ② Press it as many times as needed for letter to appear on the screen.

For example, to enter the name *John*:

Press 	J
Press    	O
Press   	H
Press   	N

10.4 Write and send a new text message

- ① Press **MENU 3 > 3** (**Messages > New Text Msg**).
The message screen appears.
- ② Enter a message of up to 160 characters.
- ③ When you've finished writing, press **ENTER**.

- ④ Enter or recall the recipient's phone number, then **ENTER**.
- ⑤ Scroll to **Set Urgency** and press **SELECT**.
- ⑥ Scroll to **VeryUrgent**, **Urgent**, or **Normal**. And then press **SELECT** to select the priority.
- ⑦ Scroll to **Send and Discard** or **Send and Save**, then press **SELECT**.

When the message is successfully sent, **Message sent** or **Message sent and saved** appears.

If you need to exit while writing the message, press  at any time.

10.4.1 Save a message in the saved folder

When writing a text message, it's a good idea to save it in the saved folder. Then if there is a message delivery problem, you can easily resend the message.

- ① While writing the message, press **ENTER**.
- ② Scroll to **SAVE**, and then press **SELECT**.

10.4.2 Message prioritization setting

The message urgency indication will notify recipient that your message is important. When you receive an **Urgent** message, the message will be marked with an exclamation point in front of it. The following is a list of message prioritization:

- **Normal**
- **Urgent**
- **Very Urgent**

Messages not specifying a priority shall be assumed to be normal.

10.4.3 Send Options for a message

The Outbox Details menu has several sub menus from which you can choose.

These menus appear when you press **SELECT** Key. Use



to move to the menu you want to use.

- **Send and Discard**
- **Send**
- **Save**
- **Edit CallBack (option)**
- **Set Urgency**
- **Delevery Report (option)**

10.4.4 Delivery report (option)

If you want to know your message was delivered, you can turn on the **Delivery Report** options.

① Scroll to **Delivery Report**.

② Press **ON**.

If you do not want to use **Delivery Report**, you can turn them off by switching to **OFF**.

10.5 Receive a text message

When you receive a text message, the phone sounds a message alert tone and the text message icon appears, along with one of the following messages:

- **New Message**: Indicates that you have an unread message or page. If you have more than one message or page, the appropriate number is listed before this message.

10.5.1 Read a text message

① Press **READ**.

② Scroll to the message, then press **OPTIONS**.

③ Scroll to the Details, and press **SELECT**.

- ④ Press **OPTIONS** for a list of choices you have while reading the message.
- ⑤ Press **SELECT** when the option you want is highlighted.

10.5.2 Choose options for a message

When you press **OPTIONS** while reading a message, the following choices are available.

- **Details** Takes the user to the detailed view for the message.
- **New Message** Allows the user to create a new SMS message.
- **New From Template** Allows the user to create a new SMS message based on a predefined list of messages, such as “Meeting cancelled” or “Call me please”.
- **Delete** Delete the message being viewed. The user will be asked to confirm the deletion.
- **Delete All** Deletes all received SMS messages. The user will be asked to confirm the deletion.

10.5.3 Read options for a message

The Inbox Details menu has several sub menus from which you can choose.

These menus appear when you press **SELECT** Key. Use



to move to the menu you want to use.

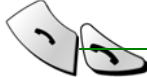
- **Reply** Provides a screen where you can write a reply.
- **Forward** Forwards the call to another person. That person must have the appropriate message service.
- **Delete** Delete the message being viewed. The user will be asked to confirm the deletion.
- **Lock** Lets you lock your received messages to phone.
- **Call Number** Calls the person who sent you the text message, if their phone number is included in the message.

10.5.4 Call Number

Calls the person who sent you the text message, if their phone number is included in the message.

You can also press  while the message is displayed to dial the number.

If more than one number is on the screen, the numbers appear in a list. Scroll

to the phone number you want to call and press .

10.6 When your phone's memory is full

When your phone's message memory is full, one or more messages of the lowest priority are automatically deleted. These messages are usually deleted from your phone's outbox.

If after deleting messages the memory is still full, your phone shows the message error "**No space: Message waiting**" appear.

10.7 Delete a message

① While reading a message, press **OPTIONS**.

② Scroll **Delete**, then press **SELECT**.

Your phone asks you to confirm that you want to delete the message.

③ Press **OK**.

10.8 Use voice mail

Voice mail is a network services feature. Colleagues who miss you when they call can leave a voice message, which you can retrieve later.

10.8.1 When you have a message

- Your phone beeps when you receive a voice message. Also, the message **New voice message** appears on your phone's screen, along with the  icon.

Note: To use voice mail, you need to learn the voice mail system's various greetings, passwords, and prompts. Your service provider can provide instructions.

10.8.2 Set up your voice mailbox

As part of your network's voice mail feature, your service provider gives you a voice mailbox phone number. Save this number in your phone to make getting your voice messages quick and convenient.

- ① Press **MENU 3 > 6 > 2** (**Messages > Voice Mail > Voice mail Num**).
- ② Enter your mailbox phone number.
- ③ Press **ENTER**.

Your voice mailbox number can be up to 20 digits long and is used until it's changed. Therefore, if your phone number changes, you may need to change your voice mailbox number along with it.

10.8.3 Listen to your voice messages

Note: The way you listen to your voice messages may vary depending upon your service provider. Call your service provider if you have any questions.

- ① When your phone alerts you to new voice messages, press **LISTEN** and follow the instructions given on the phone.
- ② If you'd rather listen to your messages later, press **EXIT**.
- ③ To Listen to your voice messages at a later time.

OR

Press **MENU 3 > 6 > 1** (**Messages > Voice Mail > Call Voicemail**).

11. SEND AND RECEIVE E-mail MESSAGES

You can use your phone to send and receive e-mail messages. This means you no longer need to be at your computer to send or receive messages.

11.1 Send an e-mail address

You can add an e-mail address to a name you've already saved in the phone book. Or, you can add a name and address as a new entry.

11.1.1 Save an e-mail address for an existing name

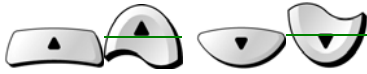
- ① At the Start screen, press **NAMES** or press **MENU** > **1** (Phonebook).
- ② Enter the first one letters of the name or scroll to the name you want and press **OPTIONS**.
- ③ Scroll to **Details**, then press **SELECT** to view the number.
- ④ Press **OPTIONS**.
- ⑤ If **Edit** is not highlighted, scroll to it and press **SELECT**.
The associated name appears.
Press **ENTER**. The associated number appears.
Press **ENTER**. The E-mail address entry screen appears.
- ⑥ Enter the address, and then press **ENTER** to save the new e-mail address.

11.1.2 Add a new e-mail address

- ① At the Start screen, press **NAMES**, press **OPTIONS**, scroll to **New** and press **SELECT**.
- ② Enter the name and press **ENTER**.
The Number entry screen appears.
- ③ Enter the phone number and press **ENTER**.
The E-mail address entry screen appears.

- ④ Enter the address, using the special characters screen to insert the “dot(.)” and @ signs.
- ⑤ Press **ENTER**.
The message **Entry written** appears briefly, confirming your action.

11.1.3 Edit a new e-mail address

- ① Follow steps ① through ⑤ in “Save an e-mail address for an existing name” (earlier in this section) to find the name whose e-mail address you want to edit.
- ② Enter any changes, using  to move the insertion point backward and forward in the address.
- ③ When the address is the way you want it, press **ENTER**.
The message **Entry written** appears briefly, confirming your action.

11.2 Send an e-mail message

- ① At the Start screen, press **MENU** and then, at **Messages**, press **SELECT**.
Scroll to **Write E-mail**, and press **SELECT**.
- ② Enter the e-mail address.
 - If you press **SEARCH**, enter the first few letters of the name you want and press **ENTER** when you find the name. The address appears in the Recipient address box. Press **ENTER**.
 - The phone finds only names with e-mail address and lets you know if it doesn't find any. If no names with e-mail address are found, you are returned to the Recipient address box.
 - If you enter the e-mail address, press **ENTER** when you've finished.
The **Subject:** opens.
- ③ Enter a subject and press **ENTER**.
- ④ When the message contents screen appears, enter your message.

- ⑤ When you've finished the message, press **ENTER**, select **Send-and-Discard**, or **Send-and-Save**, or **Quit** and press **SELECT**.

A status message tells you the mail is being sent.

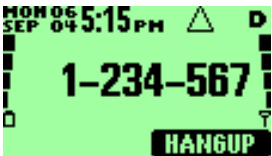
11.2.1 Other options for a completed message:

- **Save** Save the message in the saved folder until you send it.
- **Quit** Erase the message and returns you to the Recipient address box.

12.USE ADVANCED CALLING FEATURE

12.1 Set in-call options

Your phone allows you to use a number of features during a call. These features are known as in-call options.



Note: Many in-call options are network services features. To use these options, you must contact your service provider.

You cannot use all these options at all times. This section tells you when you can use a certain option.

① To access an option during a call, press **OPTIONS**.

② Choose from some or all of the following options:

- **Drop** Allows you to end the call.
- **Voice Privacy** Allows you to choose the voice privacy on or off. (option)
- **?????**
- **Main Menu** — Allows you to access the **MENU**.

12.2 Use call waiting

If you have call waiting, your phone beeps during a call to let you know that someone else is calling you.

Depending on your caller ID setup, the phone can also display the number of the incoming call.

Note: Call waiting may not be available in all wireless systems. Contact your service provider for details and availability.

Before you can use call waiting, you must first store its feature code. Then you must activate the call waiting feature.

12.2.1 Store the call waiting feature code

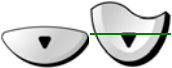
- ① Press **MENU 4 > 5 > 5** (**Settings > Network services > Feature Code Set**).

The **Feature code** field appears.

- ② Enter the feature code your service provider gave to you and press **ENTER**.
- ③ Scroll to **Call Waiting** and press **SELECT**.
- ④ Make sure that **Activate** is highlighted and press **SELECT**.

12.2.2 Activate call waiting

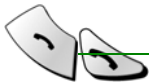
- ① Press **MENU 4 > 5 > 3** (**Settings > Network services > Call Waiting**).

- ② Use  or  to scroll to **Activate** and press **SELECT**.

Your phone calls the network to confirm the feature code you entered. After the network confirms the feature code, call waiting is activated.

12.2.3 Manage calls

Call waiting works with both local and long distance calls.

- To answer an incoming call, press .

- To switch from one call to another, press .

- To end both calls, press .

12.3 Use call forwarding

While call forwarding, you can forward incoming calls to another number. This way, if you are unable to receive calls on your phone, all calls going to that phone can be forwarded to another phone. You never have to miss an important call.

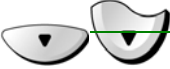
Note: The call forwarding feature might not be available in all wireless systems.

12.3.1 Store the call forwarding feature code

- ① Press **MENU 4 > 5 > 5** (**Settings > Network services > Feature Code Set**).

The **Feature code** field appears.

- ② Enter the feature code your service provider gave you and press **ENTER**.

- ③ Use  or  to scroll to **Call Forwarding** and press **SELECT**.

12.3.2 Activate call forwarding

- ① Press **MENU 4 > 5 > 2** (**Settings > Network services > Call Forwarding**).

- ② Scroll to the desired call forwarding option, as described in the following table, and press **SELECT**.

- | | |
|---------------------------|--|
| • All cCalls | Forwards all incoming calls. |
| • If bBusy | Forwards calls only when you're on your phone and do not have voice mail. |
| • If Not aAnswered | Forwards calls if you don't answer. This option is handy if you want to give your phone to someone for a short period of time, but you don't want this person to answer the phone. |
| • If Out Of Reach | Forwards calls if you are out of the home wireless network, or if your phone is turned off. |
| • Cancel All Fwd | Cancels all forwarding options that are currently active. |

- ③ Highlight **Activate** and press **SELECT**.

- ④ Scroll to **Other Number** and press **SELECT**, and then enter the number to which you want your calls forwarded.

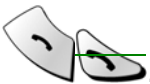
- ⑤ Press **ENTER**.

Your phone calls the network to confirm the feature code that you entered in **MENU 4 > 5 > 5**. After the network confirms the feature code, call forwarding is activated.

12.4 Redial automatically

Automatic redial enables your phone to continue trying to call a number that was busy due to wireless network problems.

When you call a number and get a busy signal because of network problems, your phone redials this number up to 3 times. If you want to stop this process prior to

the last attempt, press . This stops the automatic redialing.

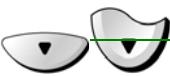
Before you can use the Automatic Redial feature, you must activate it.

- ① Press **MENU 4 > 1 > 4 > (Settings > Call Settings > Auto Redial)**.
- ② Press **ON**.

12.5 Use a calling card

You can use a calling card when you dial long distance calls. First you must store your calling card information in the phone. Your phone can store information about a maximum of four calling cards.

12.5.1 Save calling card information

- ① Press **MENU 4 > 1 > 2 (Settings > Call Settings > Calling eCard)**.
- ② Scroll to the **None**, **Card A**, **Card B** or **Card C**, or **None** calling card and press **OPTIONS**.
- ③ Scroll to **Edit** and press **SELECT**.
- ④ Enter your **Security Code** and press **ENTER**.
- ⑤ Scroll to **Dialing Sequence** and press **SELECT**.
- ⑥ Use  or  to scroll through the list of dialing sequences, as described in the following table.

Dialing sequence	Use for cards that require you to	Associated cards
Accs + Phone + Card	Dial 1-800 access number, then phone number, then card number (+ PIN if required).	MCI, Sprint Canada, Unitel
Accs + Card + Phone	Dial 1-800 access number, then card number (+ PIN if required), then phone number	Network MCI, WorldPhone MCI, AT&T
Pref + Phone + Card	Dial the prefix (any numbers that must precede the phone number) and phone number you want to dial, then card number (+ PIN, if required).	GTE, PacBell, AT&T, Stentor

Calling cards shown here are frequently used with the dialing sequences listed in the first column. However, this information could vary and it is subject to change by the phone companies'.

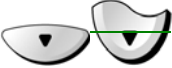
- ⑦ Press **SELECT**.

12.5.2 Choose a calling card to use

If you have more than one calling card, you'll need to choose one before making a call.

- ① Press **MENU 4 > 1 > 2** (**Settings > Call Settings > Calling eCard**).

- ② Scroll to the desired card and press **OPTIONS**.

- ③ Press  or  to highlight **Select** and press **SELECT**. The **Security Code** field appears.

- ④ Enter your security code and press **ENTER**.
The message **Card Ready for use** appears.

12.5.3 Make a calling card call

To make a calling card call:

- ① Enter the phone number, including any prefix (such as 0 or 1) your calling card might require when you make a calling card call. See your calling card for instructions.

- ② Press and hold  until your phone displays the message **Card call**, then **Wait for tone and press OK**, and then **Wait for tone and press OK** again.

- ③ When you hear the tone from your calling card service, press **OK**.

Note: This procedure might not apply to all the calling card options that are programmed into your phone. Check the back of your calling card for more information, or contact your long distance company.

12.6 Send your own number in caller ID

You can determine, for each call you make, whether your telephone number appears on another phone's caller ID.

In most service areas, when you call others, your name is presented to their caller ID (if they subscribe). With Send Own Number, you can block (or not) the display of your number to others' caller ID when you call them.

Note: Send Own Number might not be available in all wireless systems. Contact your service provider for details and availability. Also note that this feature is effective only when you call a number that is equipped with caller ID.

Before you can use Send Own Number, you must first store its feature code. Otherwise, this feature will not appear on your phone's menu.

12.6.1 Store the Send Own Number feature code

- ① Press **MENU 4 > 5 > 5** (**Settings > Network sServices > Feature Code Set**).

Then **Feature Code Set** field appears

② Enter the feature code your service provider gave you and press **ENTER**.

③ Use  or  to scroll to **Send own number** and press **SELECT**.

④ Scroll to **YES** or **NO**.

⑤ Press **SELECT**.

Your phone calls the network to confirm the feature code that you entered in **MENU 4 > 5 > 5**. After the network confirms the feature code, Send Own Number is activated.

12.6.2 Set whether or not your number will appear

① Press **MENU 4 > 5 > 4** (**Settings > Network Services > Send own Num**).

② Scroll to **YES** or **NO**.

③ Press **SELECT**.

④ Enter the number you wish to call, and press **ENTER**.

13.CUSTOMIZE YOUR PHONE

13.1 What is a profile?

A profile is a “set of settings” you can use to customize the way your phone works. You can set your own preferences for these items:

- Volume
- Ring Tone
- Message Tone
- Ring Style
- Warning & Game-Tone
- Keypad Volume



Your phone comes with **sfive*** profiles:

- Ring Loud
- Ring Soft
- Vibrate
- Silent
- Vibrate-Ring

You can customize any of the profiles. If at any time you want to return to the original settings, you can do so.

13.2 Customize a profile

- ① Press **MENU 5** (Profiles).
- ② Scroll to the desired profile in the list.
- ③ Press **SELECT** to view the options for the selected profile.
- ④ Select one of the following options, and then press **OK**.



Select	Activates the currently highlighted profile.
Customize	Enables you to customize a profile by changing the current settings. Press SELECT to choose from several lists.

13.2.1 Set the ringer volume

You can set the default ringing volume for incoming voice calls and message alert tones.



① Press **MENU 5** (Profiles).

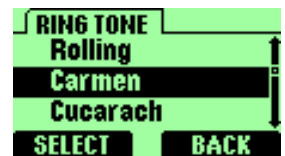
② Use  or  to scroll to the profile for which you want to set the **Volume**, and press **SELECT**.

③ Highlight **Customize** and press **SELECT**.

④ Scroll to **Volume** and press **SELECT**.

13.2.2 Set the ring tone

You can set your phone's ring tone to a specific sound-or tune- for incoming voice calls.



Note: If you have already chosen a ringing option of either *Silent* or *Beep once*, the ring tones are already turned off.

① Press **MENU 5** (Profiles).

② Use  or  to scroll to the profile for which you want to set the ringing tones.

③ Press **SELECT**.

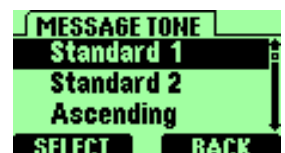
④ Highlight **Customize** and press **SELECT**.

⑤ Scroll to **Ring Tone** and press **SELECT**.

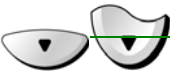
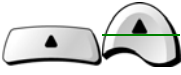
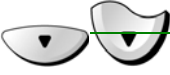
⑥ Scroll through the options, and, when you hear the tone you want to use, press **SELECT**.

13.2.3 Set the message alert tone

You can set your phone to use a certain tone to indicate an incoming text message.

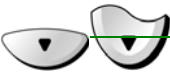


① Press **MENU 5** (Profiles).

- ② Use  or  to scroll to the profile for which you want to set the message alert tone, and press **SELECT**.
- ③ Highlight **Customize** and press **SELECT**.
- ④ Scroll to **Message Tone**, then press **SELECT**.
- ⑤ Use  or  to scroll through your choices.
The phone plays samples of each choice as you scroll to it.
- ⑥ When you find the tone you want, press **SELECT**.

13.2.4 Set ring style

You can choose the tone that your phone uses to notify you of an incoming call. This setting does not affect any incoming text message alert tones.

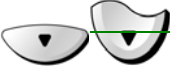
- ① Press **MENU 5 (Profiles)**.
Your phone lists each profile.
- ② Use  or  to scroll to the desired profile in the list for which you want to set the **Ring Style**, and press **SELECT**.
- ③ Highlight **Customize** and press **SELECT**.
- ④ Scroll to **Ring Style** and press **SELECT**.
- ⑤ Scroll to one of the **Ring Style**, as described below, and press **SELECT**.

Ring	The phone rings until it is answered.
Ring Ascending	Ringing volume increases (gets louder) if the phone is not answered.
One Ring	The phone rings once to indicate an incoming call.
One Beep	The phone beeps once to indicate an incoming call.
Silent	The phone makes no sound.

13.2.5 Set a vibration ~~(option)~~

Instead of choosing to have your phone ring, you can have it vibrate to indicate an incoming call.

① Press **MENU 5** (Profiles).

② Use  or  to scroll to the profile for which you want to set the **Vibrate** vibration.

③ Press **SELECT**.

~~③ Highlight **Customize** and press **SELECT**.~~

~~④ Scroll to **Vibration**.~~

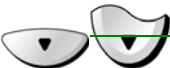
~~⑤ Press  to switch the **ON** or **OFF**.~~

~~The phone does not vibrate when it is connected to or placed in any charging device.~~

13.2.6 Set warning and game tones

You can set warning tones and the tones used for the games in your phone. Warning tones include the sounds your phone makes during error conditions, during confirmations, when a battery is low, and when you need to recharge the battery.

① Press **MENU 5** (Profiles).

② Use  or  to scroll to the profile for which you want to set the warning tone, and press **SELECT**.

③ Highlight **Customize** and press **SELECT**.

④ Scroll to **Warn&GameTon**.

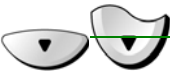
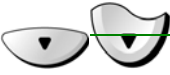
⑤ Press  to switch the **ON** or **OFF**.

If you do not want to use warning or game tones, you can turn them off by switching to **OFF**.

13.2.7 Set keypad volume

Keypad volume set the volume of the tone you hear when you press your phone's keys.

① Press **MENU 5** (Profiles).

- ② Use  or  to scroll to the profile for which you want to set the keypad volume, and press **SELECT**.
- ③ Highlight **Customize** and press **SELECT**.
- ④ Scroll to **Keypad Volume** and press **SELECT**.
- ⑤ Use  or  to scroll to one of the levels and press **SELECT**.

If you chose the **Silent** profile in step ⑤, the keypad volume is turned off.

13.3 Restore defaults settings

You can change the default settings for your phone. Later, you can return them to the original settings when needed.

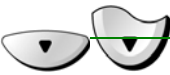
Note: The memory, timers, language selection, security code, and lock code are not reset. However, any profiles you have modified are reset when you restore the default settings.

- ① Press **MENU 4 > 2 > 10** (Settings > Phone Settings > Master **SResetting**).
- ② Press **OK**.



13.4 Set the display language

You can set your phone to display a certain language.

- ① Press **MENU 4 > 2 > 4** (Settings > Phone Settings > Languages).
- ② Use  or  to scroll to the language you want to use and press **SELECT**.

You can choose from **English**, **Español** and **Português**.

13.5 Set and display the clock

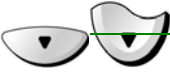
Your phone has an internal clock that you can set to appear on the phone's screen. The clock is connected to an alarm clock.

13.5.1 Set the clock

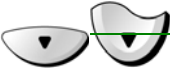
To set the clock to the appropriate time:

- ① Press **MENU 4 > 2 > 2** (Settings > Phone Settings > Date and Time).



- ② Use  or  to scroll to **Set Time** and press **SELECT**. The **Time** field appears.

- ③ Enter the time using a **xx:xx** format and press **OK**.
For example, to set your clock to 9:30, enter **09:30**.

- ④ Use  or  to scroll to **AM** or **PM** and press **SELECT**.

13.5.2 Set the clock to be updated by the network

You can set your phone's clock to be updated by the network, if available.

- ① Press **MENU 4 > 2 > 2 > 3** (Settings > Phone Settings > Date and Time > AutoDate & Time), and then press **SELECT**.
- ② Scroll to **ON** or **OFF**, and then press **SELECT**.

13.6 Add a welcome note

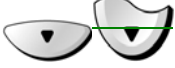
You can set your phone to display a welcome note each time you switch on your phone. This note could say, for example: *Hello*. It could include your name, a reminder, or more. The maximum lengths of this note 20 characters.



- ① Press **MENU 4 > 2 > 5** (Settings > Phone Settings > Welcome).

- ② Enter the text of the welcome note.

As you enter characters, they appear to the left of the cursor. Press **CLEAR** to

delete characters to the left of the cursor. Press  or  to move the cursor right or left.

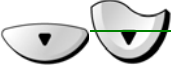
- ③ Press **ENTER**.

13.7 Set the answer

13.7.1 Set your phone to answer automatically

You can set your phone to answer incoming voice calls after one ring. This feature can be used only when your phone is connected to a headset or to an approved handsfree car kit that is equipped with the ignition sense option, with the ignition on.

- ① Press **MENU 4 > 4 > 1** (**Settings > Answer Settings > Auto Answer**).

- ② Use  or  to scroll to the phone setting for which you want to set your phone to answer automatically, and press **SELECT**.

13.7.2 Set your phone to answer by pressing any key

This feature allows you to answer an incoming call by pressing any key except



. The default setting for this feature is **OFF**.

To enable Any Key answer:

- ① Press **MENU 4 > 4 > 2** (**Settings > Answer Settings > Any Key Answer**).

- ② Press **ON**.

Repeat the steps above except, in step ②, press **OFF**.

13.8 Emergency calls

Before attempting any emergency calls, see “18.1 Emergency Calls” for important safety information.

① If the phone is not on, switch it on

② Press   to ready the phone for calls.
(Press it twice if there are still digits on the display.)

③ Key in the emergency number for your present location (e.g. 911 or other official emergency number). Emergency numbers vary by location.

④ Press  .

IMPORTANT!

This phone, like any cellular phone, operates using radio signals, cellular and landline networks, as well as user-programmed functions which can not guarantee connection in all conditions. Therefore, you should never rely solely upon any cellular phone for essential communications (e.g., medical emergencies).

Remember, to make or receive any calls, the phone must be switched on and in a service area with adequate cellular signal strength.

Emergency calls may not be possible on all cellular phone networks or when certain network services and/or phone features are in use. Check with local cellular service providers.

If certain features are in use (keyguard, restrict calls, etc.), you may first need to turn those features off before you can make an emergency call. Consult this document and your local cellular service provider.

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

13.9 Use emergency key

When the emergency key feature is turned on, the phone attempts to make an

emergency call when you press   and  . The phone dials the emergency number preprogrammed into your phone.

Note: If you have activated the emergency   feature, you can also dial an emergency call by pressing and holding 9 until the phone indicates it is attempting to make an emergency call. This method does not work, however, when Keyguard is active.

13.9.1 Activate the emergency key

Before you can use the emergency key feature, you must first activate it.

- ① Press **MENU 4 > 1 > 1** (Settings > Call Settings > Emergency Key 9).
- ② Press **ON**.

Repeat the steps above except, in step ②, press **OFF**.

Warning: Official emergency numbers vary by location. Only one emergency number is programmed into your phone, and this is the

number that is dialed when you press  . However, this might not be the proper number in all circumstances.

13.9.2 Make an emergency call

- ① Press   and  .

14. SECURITY

Your phone is equipped with a versatile security system that prevents the unauthorized use of the phone. You cannot activate or use certain phone features without having first successfully entered your phone's security code.

When entering the security code, a * appears on the screen each time you press a number key. This prevents others from seeing your code.

If you incorrectly enter a security code five times in a row, your phone won't accept any entries for the next 30 seconds. However, if you realize that you've entered the code incorrectly before pressing **OK**, you can use **CLEAR** to erase the code, digit by digit, beginning with the last digit.

When this guide describes an action that requires the entry of your security code, each step necessary to this action is provided.

14.1 Change your security code

- ① Press **MENU 4 > 6 > 2 > 4** (**Settings > Security Settings > Access Codes > Change Secu Code**).

The **Old Secu Code** field appears.

- ② Enter the default security code and press **ENTER**.

- ③ At the message **New Secu Code**, enter your new security code and press **ENTER**.

- ④ At the message **Verify Secu Code**, enter your new security code again and press **ENTER**.

The message **Security Code has been changed** appears.

If you have changed your security code and don't remember the new code, contact your service provider. Once you have changed your security code, the default setting is no longer valid

- The default lock code is **12345**.

14.2 Protect your phone with the lock code

The lock code enables you to activate and deactivate your phone. When the lock code is on, you cannot access most of your phone's memory or menu features. Also, you cannot make phone calls without first entering the lock code.

Note: *If you save the unlocked phone number, you can make calls without entering the lock code. Refer to “Store an unlocked phone number”.*

With the lock code on, your phone locks when you switch it off. The next time you switch your phone on, it asks you for a lock code when you press either **NAMES** or **MENU**.

Note: *If you enter an incorrect lock code five times in a row, your phone prompts you for the security code.*

- The default lock code is **12345**.
- **FM**TD-**389**00 recommends that you change this code immediately.

14.2.1 Turn on the phone lock

- ① Press **MENU 4 > 6 > 2 > 1** (Settings > Security Settings > Access Codes > Lock Now).
- ② Enter the lock code and press **ENTER**.

When your phone is locked, it will be possible to place a call to the emergency number programmed into your phone, such as 911 or any other official emergency number. You can either dial this emergency number or press the

emergency   (if you have activated   to act as an emergency key). You can also store a number in the Unlocked phone number location. This allows you to call the number even though your phone is locked.

14.2.2 Change your lock code

- ① Press **MENU 4 > 6 > 2 > 3** (Settings > Security Settings > Access Codes > Change Lock Code).
- ② Enter the lock code and press **ENTER**.
Only numeric characters are accepted.
- ③ Enter the new lock code and press **ENTER**.

- ④ Verify the new lock code, and press **ENTER**.

When you change your lock code, make sure you store it in a safe place, away from your phone. Avoid entering access codes similar to emergency number to prevent accidental emergency calls.

14.2.3 Turn off the lock code

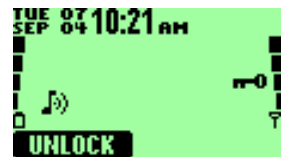
- ① Press **MENU 4 > 6 > 2 > 2** (Settings > Security Settings > Access Codes > Automatic Lock).

- ② Enter the lock code and press **ENTER**.

With the lock code feature turned off, you can use your phone without having to enter the lock code each time you turn your phone on.

14.3 Lock the keypad

When you lock the keypad, you prevent accidental key presses - for example, when your phone is in a pocket or purse. This feature is called keyguard.



14.3.1 Activate keyguard

At the Start screen:

- Press **MENU 9** (Keyguard).

14.3.2 Deactivate keyguard

- ① Press **UNLOCK**.

- ② Press .

14.3.3 Answer a call while keyguard is active

During an incoming call, the keypad automatically unlocks.

- Press any key to answer the call.

After you end the call, keyguard automatically becomes active again.

14.4 Restrict calls

You can restrict incoming and outgoing calls. To restrict outgoing calls, you create a list of restrictions and apply the appropriate restriction.

Before you define restrictions for outgoing calls, only one restriction option is available:

- **Add Restriction** Which enables you to create your own list of outgoing call restrictions. The maximum number of call restrictions you can define is ten.
- **Delete** Delete any existing outgoing call restriction.
- **Delete All** Delete all existing outgoing call restriction.
- **Edit** Allows you to edit an existing outgoing call restriction.
- **Restrict All** Allows you to activate all outgoing call restrictions.

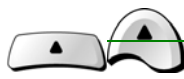
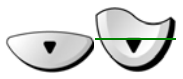
When calls are restricted, you will be able to make calls to the emergency number that is programmed into your phone. For example, you could dial 911 and press



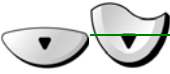
However, emergency  might not work, depending on the type of restriction you choose.

14.4.1 Restrict incoming calls

To restrict incoming calls:

- ① Press **MENU 4 > 6 > 1** (**Settings > Security Settings > Call Restriction**).
- ② Use  or  to scroll to **Incoming** and press **SELECT**.
- ③ Enter your security code and press **ENTER**.
- ④ Scroll to **Restrict All** and press **ON**.
Press **OFF** to remove an already-set restriction.

14.4.2 Restrict outgoing calls

- ① Press **MENU 4 > 6 > 1** (**Settings > Security Settings > Call Restriction**).
- ② Use  or  to scroll to **Outgoing** and press **SELECT**.
- ③ Enter your security code and press **ENTER**.
- ④ Press **OPTIONS**.
- ⑤ Scroll to **Add Restriction** and press **SELECT**.
- ⑥ Enter the number you want to restrict and press **ENTER**.

15.SET NETWORK SERVICES FEATURES

The following network services can be obtained from your service provider:

- Call Forwarding
- Call Waiting
- Send Own Number
- Feature Code Set
- NAM Selection
- Network Scan

When you subscribe to any of these services, your service provider gives you a feature code that activates each service. Deactivation codes are used to deactivate each service.

After you store the appropriate code in your phone, the code is sent to the network to verify that you're using the correct feature code. After you store a feature code, the respective service appears as a menu option on your phone's screen. You can use these menus to activate and deactivate the network services.

15.1 Roaming

The term roaming is used to indicate when your phone is not in its home area. Calls made or received while you are roaming are usually more expensive than calls made in your home area.

While roaming in some systems outside your home area, your phone may not be recognized by the host system, which is the system in which you're traveling. You may not be able to place a call.

Contact your service provider for more specific information on how roaming works with your phone and for information about coverage limitations.

15.2 NAM selection

The service provider programs your phone with the phone number and system information into your phone's memory when your phone is first activated. This is called a Number Assignment Module (NAM).

For example, your phone can be activated in up to 2 different service areas (e.g. one in Chicago or New York, and maybe one more in New York), each giving your phone a different phone number or account.

Only one number can be active at a time. When you select a phone number, you're also selecting which system you're using as your home system. The first phone number displayed with this menu is the currently selected number.

Note: *It may not be necessary to have three NAMs for your phone if your service provider has service or roaming agreements for each area in which you wish to use your phone. Contact your service provider for details.*

15.2.1 Selecting the NAM for your phone

- ① Press **MENU 4 > 5 > 6** (**Settings > Network Services > NAM Selection**)
- ② Highlight the phone number you want to use and press **SELECT**.

Note: *You need at least one active number to make calls. You cannot change from one NAM to another during a call.*

16. USE YOUR PERSONAL ASSISTANT

Your phone can be your personal assistant. It can wake you up in the morning and remind you of meetings, birthdays, and tasks. You can check the current time, calculate a tip at dinner, and convert currencies.

With a calendar, clock, alarm clock, and phone book, you have everything you need to keep track of your life.

16.1 Use the calendar

The calendar application allows you to enter appointments and reminders into the phone.

Your phone must be switched on for the calendar to work. Do not switch on the phone, however, where wireless phone use is prohibited or where the use of the phone could cause interference or danger.



16.1.1 View the calendar

① Press **MENU** > **6** (Calendar).

② Press **SELECT**.

Today's day and date appear.

③ Press **SELECT**.

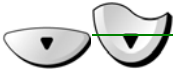
You can select the Current day's notes or all notes list.

If you select the **Current Day Select**, you can view the notes of the day currently on display.

If you select the **All List View**, you can view the all notes of the entire calendar.

16.1.2 Move from day to day

After you set the date, whenever you press Menu 6, your phone displays the current date and day.

- ① To move forward or backward through the calendar, use  or .

- ② When you reach the date you want, press **SELECT** and scroll to highlight the select you want.

16.1.3 Add a calendar note

This option enables you to add a note. You can also set an alarm for any calendar note.

- ① Go to the day you want, then press **SELECT**.
The list of note appears.
- ② Press **ADD**.
The **Note** field appears.
- ③ Enter the information and press **ENTER**.
The current date appears.
- If you do not want to change the date, just press **OK**.
The **Time** field appears.
 - If you want to change the date for this note, do so and press **OK**.
- ④ Enter the time when you need to make this call using the hh:mm format and press **OK**. Select **AM** or **PM** and press **SELECT**.
- ⑤ Select either **No Alarm** or **Set Alarm** and press **SELECT**.
- If you don't want to set an alarm, select **No Alarm**.
 - If you select **Set Alarm**, the alarm date field appears.
- ⑥ Enter the date on which you want the alarm to sound and press **OK**.
The alarm time field appears.
- ⑦ Enter the time at which you want the alarm to sound using the hh:mm format and press **OK**.
- ⑧ Select either **AM** or **PM** and press **SELECT**.

16.1.4 View the day's notes

You can review notes you've written for certain days.

① To review notes for a certain day, open the calendar and scroll to the day you want.

② Press **SELECT**, scroll to note list and press **SELECT**.

The following options are available:

- **Details**
- **Add Entry**
- **Delete Entry**
- **Delete All For Day**
- **Delete All Entries**

16.2 Alarm clock

You can set the alarm clock to ring at any time. The alarm clock's volume is determined by the current ringing volume and tone settings.



If you have selected the **Silent** or **One Beep** ringing tone, then your alarm clock quietly beeps once.

16.2.1 Set the alarm clock

① Press **MENU 4 > 2 > 3** (**Settings > Phone Settings > Set Alarm Clock**).

The Set alarm clock message appears.

② Enter the time for which you want to set the alarm using the hh:mm format and press **OK**.

Any existing numbers are replaced with the newly entered numbers.

③ Select either **AM** or **PM** and press **SELECT**.

16.2.2 Turn off the alarm clock when it rings

- When the alarm clock rings:

- Press **OK** to turn it off.
- Press **SNOOZE** to set the alarm to go off again in 5 minutes.
If you let the alarm ring for 1 minute or more without pressing a key, it stops ringing, waits 5 minutes, and then rings again. This continues until you press Stop.

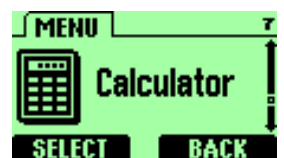
16.2.3 Turn off the alarm clock altogether

If you decide that you don't want the alarm to ever go off, you can turn it completely off.

- ① Press **MENU 4 > 2 > 3** (**Settings > Phone Settings > Set Alarm Clock**).
- ② Press **OFF**.
- ② ~~If you have selected the **Silent** or **Meeting** profile, your alarm beeps only once. The best profile to use when using the alarm clock is **General** or **Outdoor**, unless these profiles have been modified from their original settings.~~

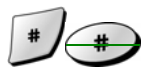
16.3 Calculator

You are able to do simple calculation like adding, subtracting, multiplying, and dividing. ~~Your phone's calculator adds, subtracts, multiplies, divides, and converts currencies.~~



16.3.1 Use the calculator

- ① Press **MENU 7** (**Calculator**).
- ② Enter the first number in the calculation.

If you need to enter a number with a decimal point, press  to indicate it.

- ③ Then, based on the type of calculation that you need to perform, use one of the following actions:

If you want to...	Then...
-------------------	---------

Add	Press * (for + symbol)
Subtract	Press ** (for – symbol)
Multiply	Press *** (for * symbol)
Divide	Press **** (for / symbol)

Or, you can press Options, then use  or  to scroll to: **Equals**, **Add**, **Subtract**, **Multiply**, **Divide**, or **Exit**. Then press **SELECT**.

- ④ Enter the second number in the calculation and press **OPTIONS**.

- ⑤ Use  or  to scroll to **Equals** and press **SELECT**.

Note: Repeat steps ④ and ⑤ as many times as necessary.
Press **CLEAR** to erase any mistakes.

17.GAMES

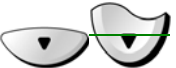
Your phone includes for exciting games that you can play whenever the phone is turned on:

Breakout

Snake

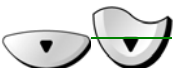


① Press **MENU 8** (**Games**) to display the listing of these games.

② Use  or  to scroll to the game you want to play and press **SELECT**.

17.1 Breakout

This game places an object, which represents a ball, in the middle of the screen. At the right of the screen are the blocks. At the left of the screen is a bar.

① Use the following keys as cursors to move the bar:  (up),  (down).

② Bounce the ball using bar, and break the block.

The more blocks are broken, the higher the score. If the ball hits the left wall instead of the bar, the game is over.

17.2 Snake

This game places an object, which represents a piece of food, in the middle of the screen. At the bottom of the screen is a line that represents the snake.

① Use the following keys as cursors: **2** (up), **4** (left), **6** (right), and **8** (down).

② Move the snake toward the food and watch the snake grow.

The longer the snake's tail grows, the higher the score. If the snake hits its own tail or the surrounding wall, the game is over.

18. REFERENCE INFORMATION

18.1 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.

Always ensure that your phone is properly charged before attempting any emergency calls. If you allow your battery to become empty, you will be unable to receive or make calls, including emergency calls. You must then wait a few minutes after the charging begins to place any emergency calls.

18.1.1 Make an emergency call

- ① If the phone is not on, switch it on.
- ② Enter the emergency number for your present location (for example, 911 or any other official emergency number—emergency numbers vary by location).

- ③ Press



If certain features are in use (Keyguard, fixed dialing, restrict calls, and so on), 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.

18.2 Troubleshooting

18.2.1 No service

If you're outside the wireless service area, No service will display on your phone. No calls can be made or received, however, emergency 911 calls may still be possible.

18.2.2 What if the call doesn't go through?

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

- **No service** Means that you're 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 (see "Restrict calls").

19. TECHNICAL INFORMATION

Weight	84.0g with Battery
Size (H x W x D)	112.0 x 45.6 x 21.4 mm
Wireless Networks	TDMA800 / AMPS
Frequency Range	824.04-848.97 MHz (TX) 869.04-893.97 MHz (RX)
Battery Voltage	3.7V nominal
Number of Channels	832
Number of NAMs	2
Memory Locations	150
Memory Capacity	Alpha: 20 digits per location Numeric: 20 digits per location

Battery (53.8 x 31.8 x 7.1 mm)	Li-MH Battery 800mAh
Talk Time	115 min (dig.) / 1 hour (an.)
Standby Time	227 hrs (dig.) / 18 hrs (an.)
SAR	Head Section: 1.260mW / g Flat Section: 0.832mW / g

Note 1: Battery performance could be variable depending on the condition of --- terminal usage and Network.

Note 2: The indicated time are approximately measured. The Battery function time could be variable depending on the signal condition, the Network parameters programmed by service provider and Telephone usage.