

DUAL-MODE TDMA PHONE

MODEL : MTD-3500 / 3510

PRELIMINARY

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Date : September 30, 2002



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19. TECHNICAL INFORMATION

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1. SAFETY INFORMATION

SAFETY INFORMATION FOR WIRELESS HANDHELD PHONES

WARNING! Please do not use your MTD-3500 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).

CAUTION! To maintain compliance with FCC RF exposure requirement, use only belt-clips, holsters or similar accessories that maintain a 1.5 cm separation distance between the user's body and the back of the phone, including the antenna whether extended or retracted.

The use of belt-clips, holsters and similar accessories should not contain metallic components in its assembly. The use or accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.

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

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 (6") inches be maintained between a handheld wireless phone and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research by and recommendations of Wireless Technology Research.

Persons with pacemakers:

- Should ALWAYS keep the phone more than six inches 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.

Hearing Aids

Some digital wireless phone may interfere with some hearing aids. In the event of such interference, you may want to consult your service provider (or call the customer service line to discuss alternatives).

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.

2. PREPARING YOUR PHONE FOR USE

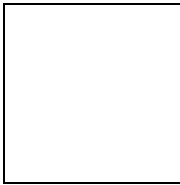
2.1 Install the battery

Simply place the battery in the grooves on the back of the phone. Then slide the battery upward until clicks.

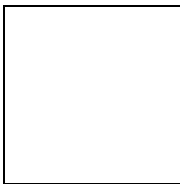
2.2 Remove the battery

Note: Switch the phone off before removing the battery!

- Press and hold the button at the top of the battery.



Slide the battery toward the bottom of the phone.



Lift the battery off the phone.

2.3 Charge the battery

- ☐ Connect the lead from the charger to the bottom of the phone.
- ☐ 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.

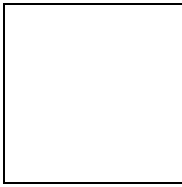
Note: Disconnect your phone from the charger if the phone becomes hot during a call.

- ☐ 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

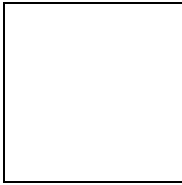
depends on the charger and battery used.

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

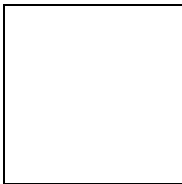
3. HIGHLIGHTS OF FEATURES



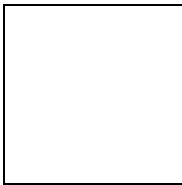
Easy to read graphical display



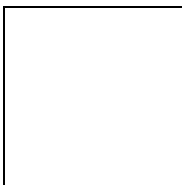
Phone book (up to 100 names and numbers)



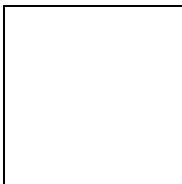
Easy to use keypad layout



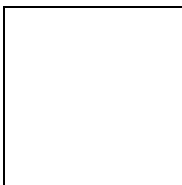
20 Ring tones and 5 Ring style selections



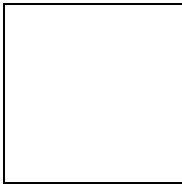
Adjustable ring volume



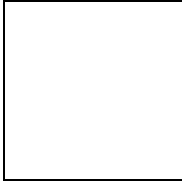
Vibrating alert



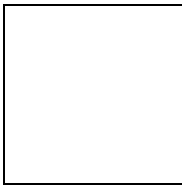
Quick access to the last 10 numbers dialed



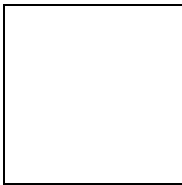
Caller ID



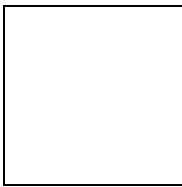
Games



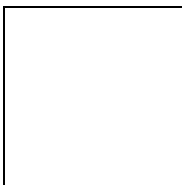
Auto redial



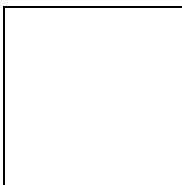
Calculator



Clock with Alarm



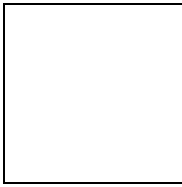
Dialed, received, missed calls



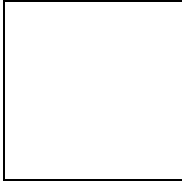
Call restriction



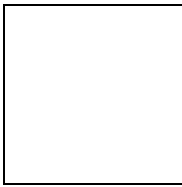
Keypad lock



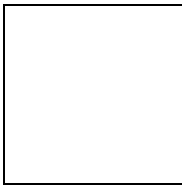
Call timer



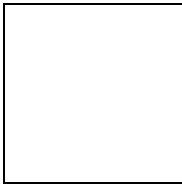
Profile settings



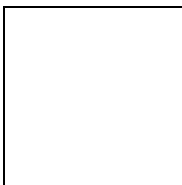
Short message service



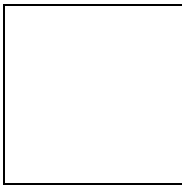
Voice mail capability



2 different NAM



Multi-Languages (English, French, 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



End key

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

Microphone

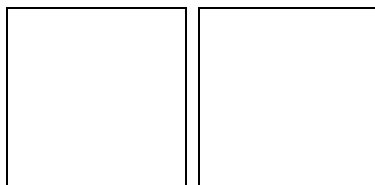
Send key

Dials the number
on the display.

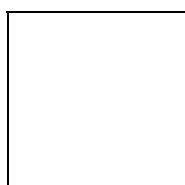
KeyPad

4.2 Key functions

4.2.1



Selection keys

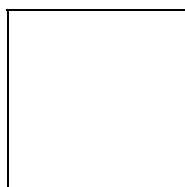


Press to perform the function indicated by the text on the screen above the key.

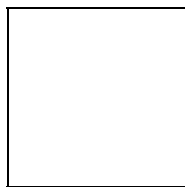
4.2.2



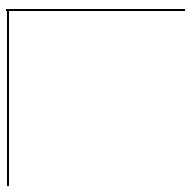
Key



Press to make a call to time and name / number shown on the screen.

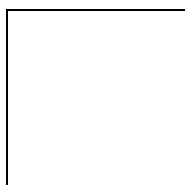


Press to answer a call.

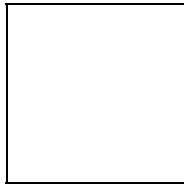


Press once to enter the list of last dialed numbers.

4.2.3



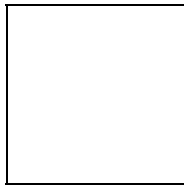
Key



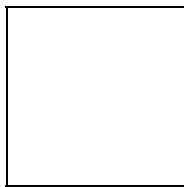
Press and hold the key to switch the phone on or off.



Press to end a call.

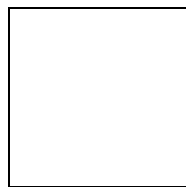


Press to temporarily mute a call.

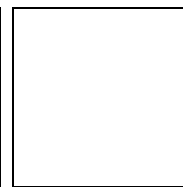
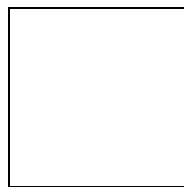
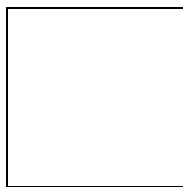


Press once to exit a function and to return to the start screen.

4.2.4

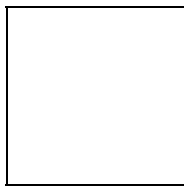


~

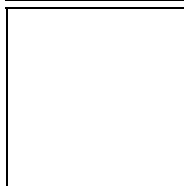


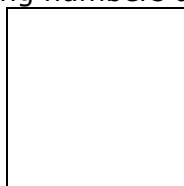
Number

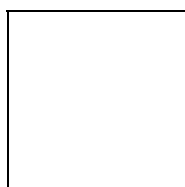
keys



Used for entering numbers and letters.



Press and hold  to call the voice mailbox.

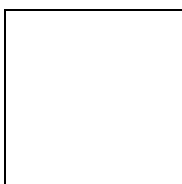
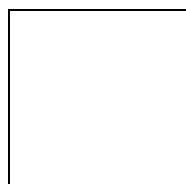


Press



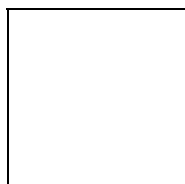
and numeric modes.

to toggle between upper case, lower case

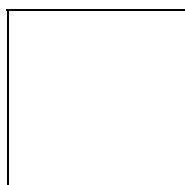


4.2.5

Scroll keys



Press to increase the earpiece volume.

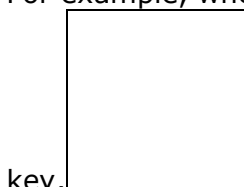


Press to decrease the earpiece volume.

4.2.6 Using the selection keys

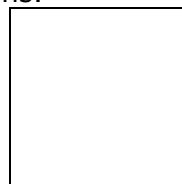
The functions of the selection keys depend on the guiding texts shown above the keys.

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



key,

pressing this key enters the menu functions.

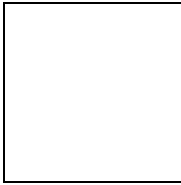
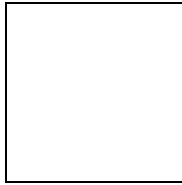


Similarly, pressing the right selection key

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.



4.3.2 Scroll bar

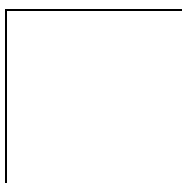
When you access the phone's menu, there is a scroll bar at the far right of the screen. This bar indicates user's location in the menu: each "tab" on the bar represents a different menu item.



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.

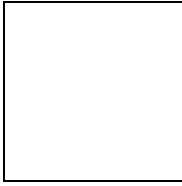
Indicators show the status of something. The phone uses three types of indicators:



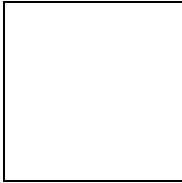
Signal strength indicator: This indicator



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



Battery power indicator: This indicator shows the battery charge level. The higher the bar, the more power in the battery.



Handset volume indicator: This indicator appears only when you press the scroll keys in the Profiles menu. It shows how loud (or not) the volume is during the phone call.

The list below shows what each icon means.



You have an active call.



You have an missed call.

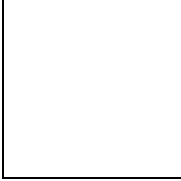


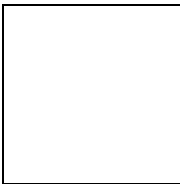
The Keyguard has been activated to prevent any accidental key presses.



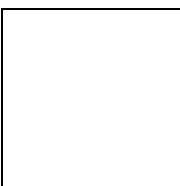
You have one or more voice messages waiting.

 You have one or more unread text messages waiting.

 Any alpha characters you enter will be uppercase (capital letters). Press the  key to switch to uppercase.

 Any alpha characters you enter will be lowercase. Press the  key 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.

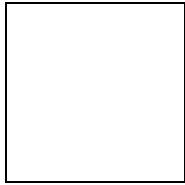
 This appears when you press the  key while storing names. You are in special character mode. You can select a special character by pressing **SELECT**.

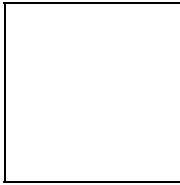
 The alarm clock is set.

 You have selected Silent as the current profile.

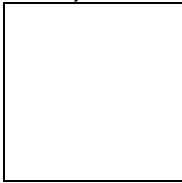
5. BASIC OPERATIONS

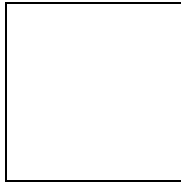
5.1 Switch the phone ON or OFF



Press and hold the  key for two seconds to switch on the phone until the phone sounds a beep.

Note: If the phone has the vibrate alert option activated, the phone will also briefly vibrate.

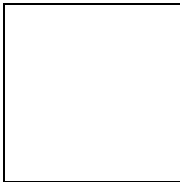


To turn the phone off, press and hold  key until the phone sounds a beep and turns off.

5.2 Make a call

- ☐ Hold the phone as you would any other telephone, with the earpiece over your ear and the microphone near your mouth.
- ☐ Deactivate the keyguard, if it is on.

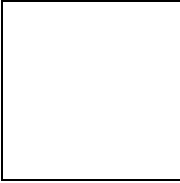
- ☐ Enter the phone number-including the area code-and press .

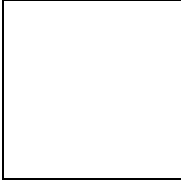
- ☐ Press  to end the call or to cancel the call attempt.

Note: It is normal for the phone to become hot during use. If the phone becomes too hot, it automatically drops the current call and returns to the "start screen". Until the phone cools, user will be unable to receive or make calls.

5.3 Answering a call

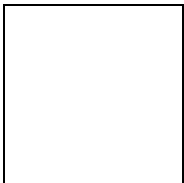
To answer a phone call:

☐ Press any key to answer the call.  to answer the call

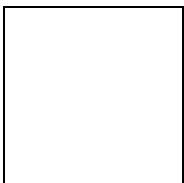
☐ Press  to end the call.

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 the key up to increase the volume.

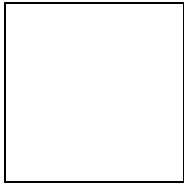


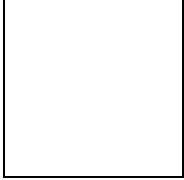
Press down to decrease the volume.

5.5 Redial the last-dialed number

To redial the last-dialed number on your phone:

Stored numbers may be up to recently dialed numbers. Stored numbers may be up to 28 digits long.

□ If not there, return to the Start screen by pressing . Otherwise proceed to step □.

□ 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 is supported by the wireless network, the caller's name can also appear.

5.7 Keep calls private

The Voice Privacy feature encrypts the voice channel so that people cannot eavesdrop on your phone conversations.

Voice Privacy is a network service, so you must contact your service provider to obtain access to the feature.

To turn on Voice Privacy:

□ Press **MENU** **4** > **4** > **1** (**Settings** > **Network service** > **Voice privacy**).

□ Press **ON**.

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

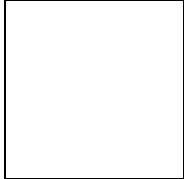
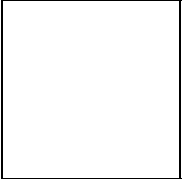
6. USE PHONE MENUS

6.1 Navigate menus

A menu is a list of choices you can make. Your phone has 10 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

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

using the  and  keys.

- Press **Options**, **SELECT**, **ENTER**, or **OK**, using the selection keys, at the option you want.
- 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 **EXIT**.

- To return to the Start screen, press .

No menu setting changes are saved.

6.2 List of 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. Phone book

1. Details
2. New
3. Delete
4. Speed 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. Date and Time
 2. Set Alarm Clock
 3. AutoDate & Time
 4. Languages
 5. Welcome
 6. OwnNum Display
 7. Backlight
 8. Restore Defaults
 9. Minute Reminder
3. Answer Settings
 1. Auto Answer
 2. Any Key Answer
4. Network Services
 1. Voice Privacy
 2. Call Forwarding
 3. Call Waiting
 4. Send Own Num
 5. Feature Code Set
 6. NAM Selection
5. Security Settings
 1. Call Restriction
 2. Access Codes

5. Profiles

1. General
 1. Select
 2. Customize (the following submenus appear in all profiles)
 1. Volume
 2. Ring Tone
 3. Message Tone
 4. Ring Style
 5. Vibration
 6. Warn&GameTon

7. Keypad Volume

3. Rename

2. Meeting

3. Outdoor

4. Silent

5. Custom

6. Car

6. System

1. Automatic

2. Manual

3. New Search

7. Calendar

8. Calculator

9. Games

1. Breakout

2. Snake

0. 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.

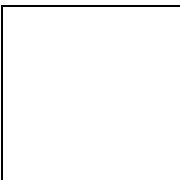
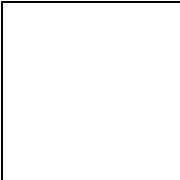
For example, press the 2 key three times to enter the letter C.

Key	Characters	Key	Characters
	1 , . ' @ * #		P Q R S 7
	A B C 2		T U V 8
	D E F 3		W X Y Z 9
	G H I 4		Enters an empty space, 0
	J K L 5		(symbols and special characters)

	M N O 6		Change letter case
--	---------	--	--------------------

7.1.1 Exit name

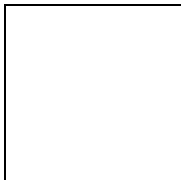
To edit a name in the phone book:

- Use the  scroll key to move the cursor to the left.
- Use the  scroll key to move the cursor to the right.
- Press **CLEAR** to correct any mistakes.

7.1.2 Change from capital (uppercase) letters

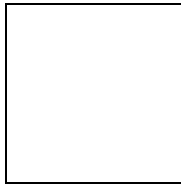
To switch between uppercase and lowercase letters:

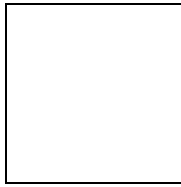
- Press the <#> key.
- The **ABC** icon switches to **abc**, indicating that you are using lowercase.

- To switch back to uppercase, press the  key again.

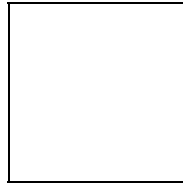
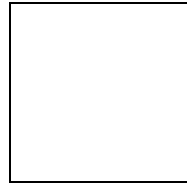
7.1.3 Use punctuation and special characters

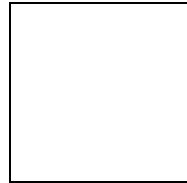
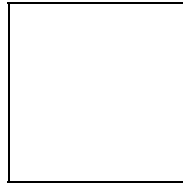
When in ABC mode, you can enter special characters.



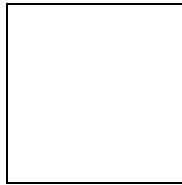
To do so, press the  key. The following special characters appear:

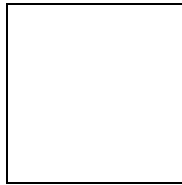
@ \$ _ ! . # % & ` () * + , - " / : ; < = > ?



- 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

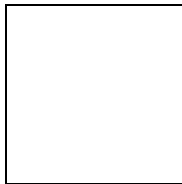


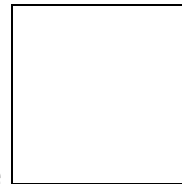
this list, press  for quicker access.

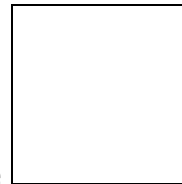
7.2 Enter number

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

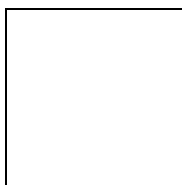
Note: You cannot enter special characters in 123 mode from the special characters list.

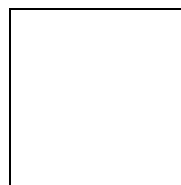


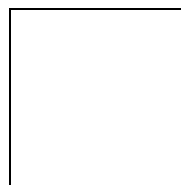
If you are in ABC mode, press and hold the  key for about 2 seconds.



The **123** icon appears, enabling you to enter only numbers.



To return to ABC mode, press the  key again for a couple of seconds.



7.2.1 List of special characters

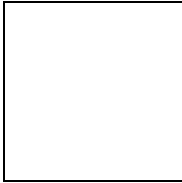
* Use as bypass key.

+ Use to precede an international telephone number.

, 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.

? Use to create a "wait" when a number is dialed.

This means that your phone waits for you to press  before it sends the number as touch tones.

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 20 characters long.

Make entries unique:

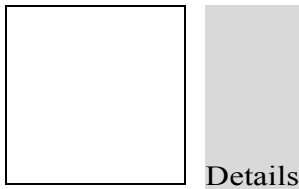
You cannot store identical names in your phone.

Example: You can't have one entry for *John Jones* with a home number and another entry for *John Jones* with a work number. You need to store the names as, for example, *John Jones Work* and *John Jones Home*.



8.2 Use phone book menus

The phone book has several menus from which you can choose. These menus appear when you press Names. Use the scroll keys to move to the menu you want to use.



Allows you to view details name and numbers.

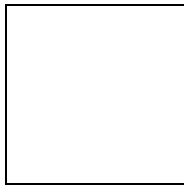


Allows you to enter new name and numbers.

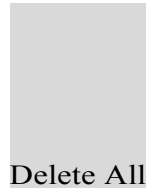
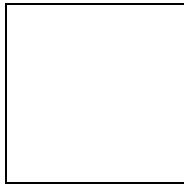


Allows you to erase only one name and

number at a time.



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

- ☐ Press **NAMES**.
- ☐ Press **OPTIONS**.
- ☐ Scroll to **New** and press **SELECT**.
- ☐ Using the keypad, enter the name. Use the <#> key to switch between upper and lowercase letters.
- ☐ Using the keypad, enter the numbers. Press and hold the <#> key to switch between capital letters and numbers.
- ☐ Press **ENTER**.
- ☐ Enter the phone number and press **ENTER**.

Shortcut:

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

- ☐ Enter a phone number and press **SAVE**.
- ☐ Enter a name at **NAME**.
- ☐ Press **ENTER**.

8.4 Change a stored telephone number

You can change a number without changing its associated name.

- ☐ Press **Names**.
- ☐ Scroll to the name you want and press **OPTIONS**.
- ☐ Scroll to **Details**, then press **SELECT** to view the number.
- ☐ Press **OPTIONS**.
- ☐ If **Edit** is not highlighted, scroll to it and press **SELECT**.
- ☐ Press **SELECT**.

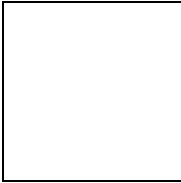
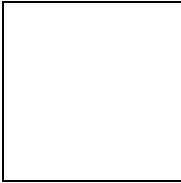
The associated number appears.

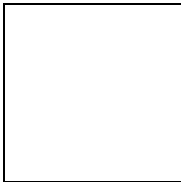
- ☐ Press **CLEAR** to erase one number at a time, or press and hold **CLEAR** to erase all the numbers on the screen.
- ☐ Enter the new number
- ☐ Press **ENTER** to save the new number.

8.5 Recall and redial numbers

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

To recall and dial a number:

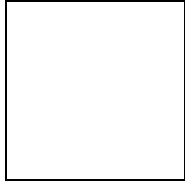
- ☐ At the Start screen, press  or  to display the names that is stored in your phone book.

- ☐ Scroll to the appropriate name and press  to dial the associated number.

OR

- ☐ At the Start screen, press **NAMES**.
- ☐ Begin entering the first letter of the name you want to call.

For example, to find "**Bill**" in phonebook, and inputting Alphabet "**B**", 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 "**Bill**".

- ☐ 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!

- ☐ Recall the stored name.
- ☐ Press **Options**.
- ☐ Scroll to **Delete**, then press **SELECT**.

The **CONFIRM** message appears.

- ☐ 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:

- ☐ Recall the stored name.
- ☐ Press **Options**.

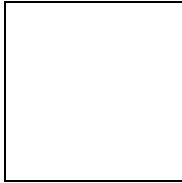
□ Scroll to **Delete All**, then press **SELECT**.

The **Security Code** field appears.

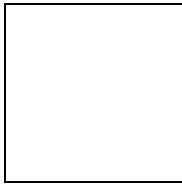
□ Enter your security code and press **ENTER**.

9. WORK WITH THE CALL LOG

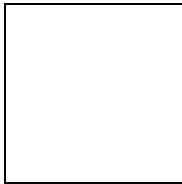
The call log keeps track of:



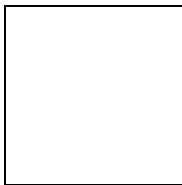
Missed calls



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:

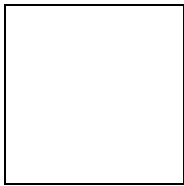
Missed

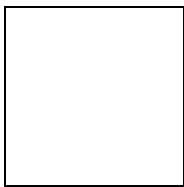
Received

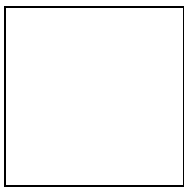
Dialed

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.

9.1.1 Check missed calls

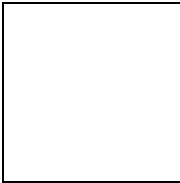
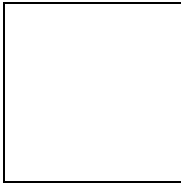
Your phone stores up to the last 10 numbers associated with calls you have missed. When you miss a call(s), the message Missed calls appears on your phone's screen, along with the number of calls missed.

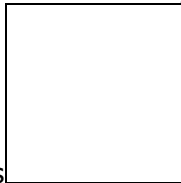
You are notified of missed calls only if your phone was turned on in the service area from which the missed call originated.

To check missed calls:

- Press **SELECT**.

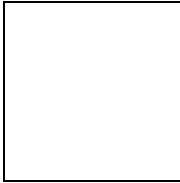
The phone shows the numbers of the calls you missed.

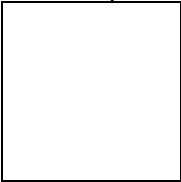
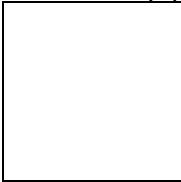
□ Either scroll through the list using the  or  keys

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** if not answered option in **Call Forwarding**, then your phone treats these forwarded calls as missed calls.

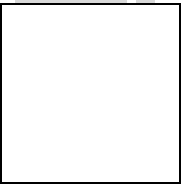
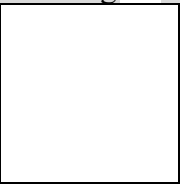
You can also access previously dialed numbers by pressing  and

then quickly pressing  or  to scroll through the list.

9.1.2 Check received calls

Your phone stores up to the last 10 numbers associated with calls that you have answered. To check this list of numbers:

□ Press **MENU 2 > 2** (**Call log > Received**).

□ Use  or  to scroll through the list of received numbers.

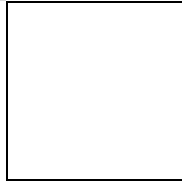
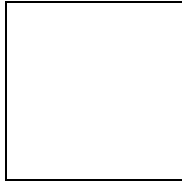
□ When you reach the number you want to dial, press .

9.1.3 Check previously dialed calls

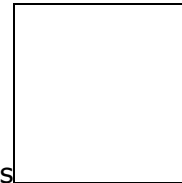
Your phone stores up to the last 10 numbers associated with calls that you have dialed. To check this list of numbers:



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



- Use or to scroll through the dialed numbers list.



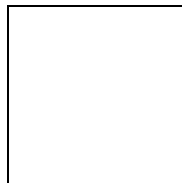
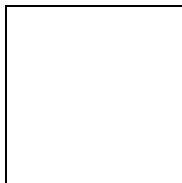
- When you reach the number you want to dial, press.

9.2 Check call timers

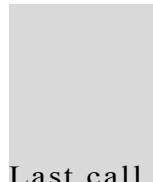
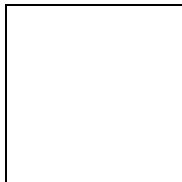
Your phone tracks the amount of time you spend on each call. To obtain information about time spent on phone calls:



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



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



Last call.

Shows the call duration of the last made call.



Shows the duration of all incoming calls since you reset the timers.



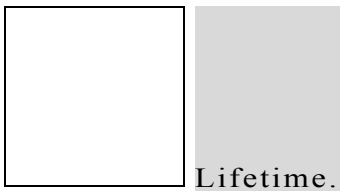
Shows the duration of all outgoing calls since you reset the timers.



The Reset all times submenu allows you to erase every all timers.



Shows the call duration of all calls that have been made and received since you reset the timers.



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 8 ~ 25 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 Soft **SELECT** Key. Use the scroll keys to move to the menu you want to use.



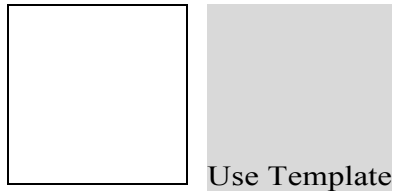
Inbox is where incoming messages are received and stored. All new, unread messages are kept here.



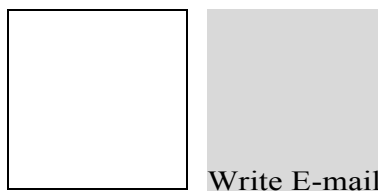
Outbox is where outgoing messages are send and stored. All outgoing message are kept here.



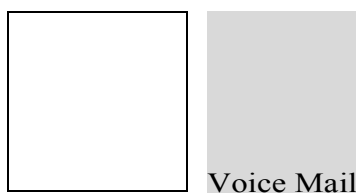
Enter your new messages.



Allows the user to create a new SMS message based on a predefined list of messages, such as "Meeting cancelled" or "Call me please".



Enter your e-mail message.



Enter your voice mail numbers.

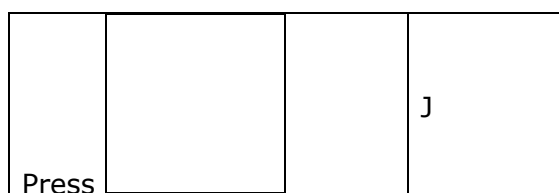
10.3 Write with standard text input

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

The <#> key press and hold to enter a number. **123** indicate 123 mode. Press and hold again to write text letters.

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

For example, to enter the name *John*:



Press			O
Press			H
Press			N

10.4 Write and send a new text message

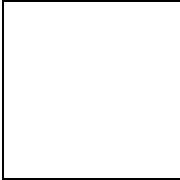
- Press **MENU 3 > 3** (Messages > New Text Msg).

The message screen appears.

- Enter a message of up to 160 characters.
- When you've finished writing, press **ENTER**.
- Enter or recall the recipient's phone number, then **ENTER**.
- Scroll to **Set Urgency** and press **SELECT**.
- Scroll to **Very Urgent**, **Urgent**, **Normal**, or **Bulk** priority. And then press **SELECT** to select the priority.

- Scroll to **Send and Discard** or **Send and Save**, then press **ENTER**.

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.

- While writing the message, press **ENTER**.
- 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