

TRI-MODE TDMA PHONE

MODEL: TDM-3100

PRELIMINARY

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Telian Corporation

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1. PREPARING THE PHONE FOR USE

1.1 Attach the battery

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

1.2 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.

1.3 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.

2. HIGHLIGHTS OF FEATURES

- Easy to read graphical display
- Phone book (up to 200 names and numbers)
- Easy to use keypad layout
- Side keys for ringer mute and volume control
- 5 Ring tones and 10 Melody ringer selections
- Adjustable ring volume
- Vibrating alert (optional)
- Quick access to the last 10 numbers dialed
- Caller ID (last 50 numbers)
- Games
- Auto redial
- Calculator
- Clock with Alarm
- World clock with world map, time zones and local time
- Dialed, received, missed calls
- Call restriction
- Keypad lock
- Call timer
- Profile settings
- Security PIN code
- Short message service
- Voice mail capability
- 2 different NAM
- One-touch credit card dialing
- Multi-Languages (English, French, Spanish and Portuguese)
- Earphone / microphone jack

3. ABOUT THE PHONE

This phone operates in digital mode within the 800 and 1900MHz frequency bands and operates in analog mode within the 800 MHz range.

3.1 Name and function



3.2 Key functions

3.2.1 Selection keys

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

3.2.2 Key

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

3.2.3 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.

3.2.4 <0> ~ <9> <*> <#> Number keys

- Used for entering numbers and letters.
- Press and hold <1> to call the voice mailbox.
- Press <#> to toggle between upper case, lower case and numeric modes.

3.2.5 Scroll keys

- Press to move through the phone's menu or phone book.

3.2.6 <↑> <↓> Volume keys

- Press to increase the earpiece volume during a call.
- Press to decrease the earpiece volume during a call.

3.2.7 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.

3.2.8 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 and phone book.

3.3 About display indicators and icons

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

3.3.1 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.



3.3.2 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.



3.4 Display messages

3.4.1 No service

If the phone is out side the wireless service area, "No Service" will display on the display.

No calls can be made or received, including emergency calls.

3.4.2 Dialing

The phone is dialing the number shown in the display.

3.4.3 Call Receive

The phone is receiving a call.

3.4.4 Wait for service

The phone is waiting for service.

4. BASIC OPERATIONS

4.1 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.

4.2 Making a call

- ① Enter the phone number including the area code.

The number is shown in the display.

- The number user can edit a number on display.
- Press **CLEAR** to erase one or more digits in the display, or press and hold **CLEAR** to erase all digits.

- ② Press . Calling is shown in the display while the phone accesses the wireless network.

- ③ 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.

4.3 Answering a call

When the phone receives a call, the ring tone sounds (unless the ring tone has been disabled through the menus), the words **Call Receive** flash in the display, the display and keypad back lighting are turned on.

① Press  to answer the call

② Press  to end the call

4.4 Temporarily muting the ring tone

To temporarily mute the ring tone without answering the call, press either the upper or lower side key, or press . **Call Receive** is still shown in the display, and user can still answer the call by pressing .

4.5 Adjusting the earpiece volume

User can adjust the earpiece volume while in a call (or at any time) by pressing the top volume key on the upper left side of the phone to increase the volume, or pressing the lower volume key to decrease the volume.

4.6 Last number redial

The phone can store up to 10 numbers of the most recently dialed numbers. Stored numbers may be up to recently dialed numbers. Stored numbers may be up to 28 digits long.

① Press  to view the last dialed number.

② Press scroll keys to through the last 10 dialed numbers.

③ Press  to dial the number.

4.7 Automatic redial

If user tries to place a call and the wireless network is not available, the phone automatically redials the number every 10 seconds for a total of 10 times until the call connects.

This feature attempts to redial numbers that are busy due to the wireless network.

See "Activating automatic redial" on page-----.

4.8 Caller ID

This is a network service that helps identify incoming calls. When caller ID is active, the phone may display the caller's phone number. The caller's name may also display if their name and number has been stored in the phone book (see "Phone book" on page-----) or if the wireless network supports it.

If the wireless network doesn't recognized the calling number, Caller ID unavailable displays. Also, Caller ID blocked may display if the calling party has blocked caller ID.

4.9 Voice privacy

Note: *This feature may not be available in all wireless systems.*

Used only in digital networks, voice privacy encrypts the voice channel so that people cannot eavesdrop on the conversation.

4.9.1 To set voice privacy

- Press **Menu** .
- Press **Select**.
- Scroll to **ON** or **OFF**.
- Press **OK**.

Voice privacy becomes active only during a call and notifies user with a beep. **Voice privacy active** also appears on the screen. If user turns this feature on and voice privacy becomes inactive for any reason, the phone displays **Voice privacy not active** and beeps.

5. MENU

5.1 About the menu

The menu allows user to use and personalize the phone.
The menus can be access by using the scroll keys.

5.1.1 Accessing a menu item by using the scroll keys

- Press **Menu**.
- Scroll to the desired menu by pressing up or down on the scroll keys.

Note: User can return to the previous menu level by press **Back**.

5.1.2 List of menu items

The menu will vary depending upon the network services to which user has subscribed and the accessories used.

1. Phone book
 - 1-1. Details
 - 1-2. New Entry
 - 1-3. Show Own #
 - 1-4. Speed Dial
 - 1-5. Delete Entry
 - 1-6. Delete All
2. Call Log
 - 2-1. Missed
 - 2-2. Received
 - 2-3. Dialed
 - 2-4. Timers
 - 2-4-1. Last Call

- 2-4-2. Received
 - 2-4-3. Dialed
 - 2-4-4. Life time
- 3. Messages
 - 3-1. Inbox
 - 3-2. Outbox
 - 3-3. New Text Msg
 - 3-4. Use Template
 - 3-5. Call Voicemail
- 4. Setting
 - 4-1. Phone Settings
 - 4-1-1. Date and Time
 - 4-1-2. Set Alarm Clock
 - 4-1-3. Welcome
 - 4-1-4. Backlight
 - 4-1-5. Restore Defaults
 - 4-1-6. Minute Reminder
 - 4-1-7. NAM Selection
 - 4-2. Answer Settings
 - 4-2-1. Auto Answer
 - 4-2-2. Any Key Answer
 - 4-3. Speed Dial
 - 4-3-1. One-Touch Dial
 - 4-3-2. Auto Redial
 - 4-4. System
 - 4-4-1. Automatic
 - 4-4-2. Manual
 - 4-4-3. New Search
 - 4-5. Messages
 - 4-5-1. Voicemail Num
 - 4-5-2. Msg Expiration
 - 4-6. Languages
 - 4-6-1. English
 - 4-6-2. Mexico Spanish
 - 4-6-3. Canada French
 - 4-6-4. Brazil Portugese
 - 4-7. Security Settings
 - 4-7-1. Call Restrtn
 - 4-7-2. Access Codes
- 5. Profiles

- 5-1. General
 - 5-1-1. Select
 - 5-1-2. Customize
 - 5-1-3. Rename
- 5-2. Meeting
 - 5-2-1. Select
 - 5-2-2. Customize
 - 5-2-3. Rename
- 5-3. Outdoor
 - 5-3-1. Select
 - 5-3-2. Customize
 - 5-3-3. Rename
- 5-4. Silent
 - 5-4-1. Select
 - 5-4-2. Customize
 - 5-4-3. Rename
- 5-5. Custom
 - 5-5-1. Select
 - 5-5-2. Customize
 - 5-5-3. Rename
- 5-6. Car
 - 5-6-1. Select
 - 5-6-2. Customize
 - 5-6-3. Rename
- 6. Call Services
 - 6-1. Calling Card
 - 6-2. Call Restriction
 - 6-2-1. Incoming
 - 6-2-2. Outgoing
 - 6-2-3. Cancel All Restr
 - 6-3. Call Forwarding
 - 6-3-1. All Calls
 - 6-3-2. If Busy
 - 6-3-3. If Not Answered
 - 6-3-4. Cancel All Fwd
 - 6-4. Call Waiting
 - 6-4-1. Activate
 - 6-4-2. Cancel
 - 6-4-3. Status
 - 6-5. Caller ID

- 6-5-1. Default
 - 6-5-2. On
 - 6-5-3. Off
- 6-6. Feature Settings
- 7. Calendar
- 8. Calculator
- 8. Games
 - 8-1. Breakout
 - 8-2. Snake
- 9. Keyguard

6. ENTERING LETTERS AND NUMBERS

The user can enter letters, as well as numbers, when storing information into the phone by using the phone's keypad. To enter letters, press the key associated with the letter the user wish to enter until it appears on the screen (numbers also appear).

6.1 ABC mode

When user needs to enter letters into the phone, it automatically switches to **ABC** mode.

NAME **ABC**

The phone displays the **ABC** icon to indicate that the phone is in **ABC** mode. It also displays when user is viewing names rather than numbers.

ENTER **CLEAR**

When **ABC** is displayed, user can enter these characters:

Key	Characters	Key	Characters
1	. , ' ? ! - 1	7	P Q R S 7
2	A B C 2	8	T U V 8
3	D E F 3	9	W X Y Z 9
4	G H I 4	0	Enters an empty space, 0
5	J K L 5	*	(symbols and special characters)
6	M N O 6	#	Change letter case; press toggles between ABC/abc mode

While user is editing a name, the  scroll key moves the cursor to the left, and the scroll key moves it to the right. Press **Clear** to correct any mistakes.

If user wishes to enter an empty space between characters, press **0** for each space.

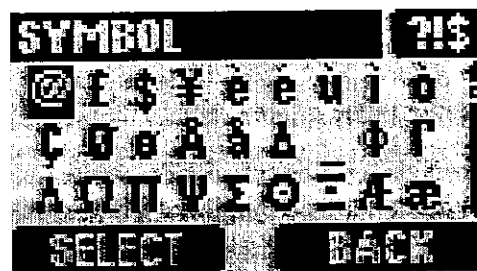
6.2 Changing letter case

Press the  key to switch between upper and lower case letters.

The **ABC** icon switches to **abc** to indicate user is using lower case.

6.3 Inserting punctuation symbols and special characters (for storing name)

When in **ABC** mode, user can press the (*) key and the following special characters appear. The user can use these characters when storing names in the phone book.



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

6.4 Inserting punctuation symbols and special characters (for storing numbers)

The following special characters are helpful when user store names to the phone book. Press the (*) key once or repeatedly, depending on the character user will to insert, and the following characters can be stored within the number sequence:

(p) creates a pause when a number is dialed; the digits located to the right of the "p" are automatically sent as touch tones after a 2.5 second pause.

7. PHONE BOOK

7.1 About the phone book

The user can store up to 200 numbers and associated names in the phone's memory.

Stored numbers may be up to 32 digits long.

Stored names may be up to 16 characters long.

The user cannot store identical names into the phone (i.e., John, John); make sure that like names are somewhat different in the phone book (i.e., John, Johnny).

Replace? followed by the currently stored name displays when storing a name already in memory.



7.1.1 About the menus

The phone book has several menus from which you can choose.

Press **Names** and then scroll to the desired item:

- **Search** allows you to search for a specific name.
- **New Entry** allows you to enter new name and numbers.
- **Options** lets user choose the scrolling view, as well as to show memory status.
- **1-touch dialing** allows user to assign up to seven one-touch dial locations.
- **Caller groups** allows user to rename or change the ringing tone for a caller group.
- **Erase all** lets user erase every name and number in your phone book.

The user can erase one name and number at a time by pressing **Details**,

then **Options** when viewing a name already in the directory.

7.1.2 Using the phone book

① Press **Names**.

② Scroll to the desired item (for example, **Add new**).

③ Press **Select**.



Or, as a shortcut, from the Start Screen:

① Enter the phone number and press **ENTER**.

② Enter a name at **Name:** if you wish (optional).

③ Press **OK**.

7.1.3 Scrolling view

There are three different options on how user can view the phone book. **Name+numbers** is the default view.

- **Name+number** displays Individual names and numbers stored in the user directory. Only one name displays on the screen at a time, with the corresponding phone number. Use the scroll keys to view other names.
- **Name list** shows all stored names in a scrolling list. Three names appear at any given time. To view other names in the directory, scroll back and forth through the list using the scroll keys. **Name list** is the default setting.
- **Name only** shows individual names only. To view other names, use the scroll keys. The user can view the corresponding phone number by pressing **Details**, then scrolling up or down.

7.1.4.1 Selecting your scrolling view

① Press **Names**.

- ② Scroll to **Options**, then press **Select**.
- ③ Press **Select** at **Scrolling** view.
- ④ Scroll up or down to select either **Name list**, **Name+number**, or **Name only**, then press **OK**.

7.2 Saving names and numbers

- ① Press **Names**.
- ② Scroll to **New Entry** and press **Select**.
- ③ Enter the name using the keypad (use # to switch between upper and lower case).
- ④ Press **OK**.
- ⑤ Enter the phone number and press **OK**.

Also, see "Entering letters and numbers".

7.2.1 Changing a number stored with a name

- ① Press **Names**.
- ② At **Search**, press **Select**.
- ③ Enter the first few letters of the name for which you are searching and press **OK**.

- ④ Press **Details** to view the number.

Note: If user selected the Name+number view of the phone book, **Options** displays instead of **Details**.

- ⑤ Press **Options**

- ⑥ Scroll to **Edit** and press **Select**.

- ⑦ Press **OK** while the name is displayed, unless user wishes to change it. If so, press and hold **Clear**, re-enter the name and press **OK**.

- ⑧ Press and hold **Clear** to erase the number, or use the  and  keys to edit.

- ⑨ Enter the new number.

- ⑩ Press **OK** to save the new number.

7.2.2 Recalling numbers

- ① At the Start Screen, press  or  to view names in the directory.

- ② Scroll to the person the user wishes to call and press  to dial the number (the phone displays the number dialed to confirm).

Or,

- ① At the Start Screen, press **Names**.

- ② Press the number on the keypad with the corresponding first letter of the name you wish to call.

The user can also recall numbers by name by pressing **Names**, then press **Select** at Search. Enter the name of the person user wish to call and press **OK** , then press .

7.2.3 Erasing stored names and numbers

Note: The user cannot undo Erase functions, so be careful!

- ① Recall the stored name.

- ② Press **Details**.

Note: If user selected the **Name+number** view of the phone book, **Options** displays instead of **Details**.

- ③ Press **Options**.

- ④ Highlight **Erase**, then press **Select**.

- ⑤ Press **OK**.

7.2.3.1 Erasing entire phone book

Warning: This feature erases user entire phone book, which can not be undone!

- ① Press **Names**.

- ② Scroll to **Erase all** and press **Select**.
- ③ At **Are you sure?**, press **OK**.
- ④ Enter user security code at **Security code:**
- ⑤ Press **OK**.

8. MESSAGES

Before user can receive text messages and pages, user must subscribe to the text messaging network service.

Some or all of these features may not be available in some wireless systems. Please see the service provider for details and availability.



Note: Text messages that user receive with the user's phone may appear different at times, due to messages that originate in networks other than the user's own.

Also, the maximum length of a text message may depend on the network's capabilities.

8.1 Message options

- **Inbox** is where incoming messages are received and stored. All new, unread messages are kept here.
- **Outbox** is where all outgoing messages are created and stored.
- **New Text Msg** is where new text messages are received and stored.

8.2 When you receive a message

The phone sounds a message alert tone, and the text message icon appears.

The maximum length of a received text message is up to 225 characters. The phone has space for up to 30 text messages, depending on the length of each message.

Text messages are shown in the order they were received, in their order of priority.

- **Message received** indicates an unread message or page. If more than one message is received, the number of received messages is listed first.
- **New emergency message** indicates that the message or page received was sent by someone via the service provider. Emergency messages are sent only in

situations where life and /or property are in immediate danger. Emergency messages are listed first and override all other messages.

- Urgent messages are also high priority messages.

8.2.1 Reading messages

① With **Message received** displayed, press **Read**.

② Scroll to the new message and press **Read** again.

8.2.2 Reading options

Press **options** while a text message is displayed to access the following reading options:

- **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.
- **Sort** – Allows the user to sort the list of messages by either Date, Status(read or unread), or Sender.

8.3 Calling someone back in a message

Press  while the message is displayed to dial the number quickly.

Or, with the message and the phone number displayed on the phone's screen:

① Press **Options**.

② Scroll to and select **Call back**.

③ Press **OK**.

Note: If more than one number is on the screen, the numbers are displayed in a list. Simply select the phone number user wants to call and press . If no numbers are found, the phone displays **No numbers found on this screen**.

8.3.1 Receiving a page

The phone displays **Message received**. The message displays **Call :**, followed by the name or number of the person who paged user. Only the names of people whom user has stored in the phone book appear.

8.3.2 When the phone's memory is full

One or more messages, of lowest priority, are automatically deleted in order to receive new text messages when the phone's memory is full. If the message memory is still full, the phone displays **No space: messages waiting**. The user can clear this notification by pressing **OK**.

Note: Messages are usually deleted from your **Inbox**. An incoming emergency message may delete messages from the **Saved** folder.

8.4 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.

8.4.1 Save e-mail addresses

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.

8.4.1.1 Save an e-mail address for an existing name

- ① At the Start screen, press **Names** and then, at **Search**, press **Select**. The Names box opens.
- ② Enter the first two letters of the name you want to find and press **OK**.
- ③ Press **Options** (or press **Details** if the **Name list** view is selected in your phone book), scroll to **Email address**, and press **Select**. The e-mail address box opens.
- ④ Enter the address. Press <1> Number Key once for a dot (.), and press <1> Number Key repeatedly to insert an @ sign. Press **OK** when you see the character you want to insert.
- ⑤ When you've finished entering the address, press **OK**. The message **Saved** appears briefly, confirming your action.

8.4.1.2 Add a new e-mail address

- ① At the Start screen, press **Names**, scroll to **Add new**, and press **Select**. The Names box opens.
- ② Enter the name and press **OK**. The Number box opens.

- ③ Enter the phone number and press **OK**. The message **Saved** appears briefly, confirming your action.
- ④ Press **Options**, scroll to **Email address**, and press **Select**. The e-mail address box opens.
- ⑤ Enter the address, using the special characters screen to insert the "dot" (.) and @ signs.
- ⑥ Press **OK**.

The message **Saved** appears briefly, confirming your action.

8.4.1.3 Edit an e-mail address

- ① Follow steps 1 through 3 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 the scroll keys to move the insertion point backward and forward in the address.
- ③ When the address is the way you want it, press **OK**. The message **Saved** appears briefly, confirming your action.

8.4.2 Send an e-mail addresses

① At the Start screen, press **Menu** and then, at **Messages**, press **Select**.

At **Text messages**, press **Select**, scroll to **Write email**, and press **Select** again. The Recipient address box opens.

② Enter the e-mail address, or press **Search**.

- If you press **Search**, enter the first few letters of the name you want and press **OK** when you find the name. The address appears in the Recipient address box. Press **OK**.

- The phone finds only names with e-mail addresses and lets you know if it doesn't find any. If no names with e-mail addresses are found, you are returned to the Recipient address box.

- If you enter the e-mail address, press **OK** when you've finished.

The **Subject box** opens.

③ Enter a subject and press **OK**. The subject line can hold a maximum of 26 characters. You can leave the line blank if you wish.

④ When the message screen appears, enter your message.

Note: *The maximum number of characters for message length varies; check with your service provider for details.*

You can turn on predictive text input if you wish. For information, see "Write with predictive text input" on page 76.

⑤ When you've finished the message, press **Options**, select **Send**, and press **OK**. A status message tells you the mail is being sent.

Other options for a completed message

Save	Save the message in the saved folder until you send it
Erase	Erases the message and returns you to the Recipient address box.
Quit	Erases the message and returns you to the Start screen.

8.4.3 Reply to or forward an e-mail message

- ① If the message is not on the screen, press **Menu**, **Messages**, and **Inbox**.
- ② Select the message you received and press **Read**.
- ③ Press **Options**, scroll to **Forward** or **Reply**, and press **OK**.
- ④ Scroll to **As email** and press **Select**.
- ⑤ Enter the recipient's e-mail address or press **Search** to find the name.
 - If you press **Search**, enter the first few letters of the name you want and press **OK** when you find the name. The address appears in the Recipient address box. Press **OK**.
 - The phone lists all the names from your phone book. If you select a name for which there is no email address, your phone displays the message, **No e-mail address for this name**.
 - If you enter the e-mail address, press **OK** when you've finished.

- ⑥ Enter a subject line and press **OK**. The subject line can hold a maximum of 26 characters. You can leave the line blank if you wish.
- ⑦ When the message box opens, write your reply or any message you want to add when you forward the mail. You can turn on predictive text input if you wish.
- ⑧ When you've finished your message, press **Options**, scroll to **Send**, and press **OK**.

9. CALL HISTORY

This feature automatically keeps track of numbers user has dialed, numbers from which user has received calls, and the amount of time user has spent on calls.



Tip: The user can dial any of the phone numbers by pressing  while the number is on the screen.

9.1 The 'Options' selection key

When user select **Missed**, **Received**, **Dialed** or **Timers** and press **Options**, a list of options appears on the phone's screen.

- **Call** – Choosing **Call** will dial the number. This is the same as pressing talk when a call in the log is highlighted.
- **Save number** – Choosing **Save Number** allows you to save the number into the phone book.
- **Save** allows you to save the number into the phone book.
- **Delete** – The **Delete** option removes the number from the call list.
- **Delete All** – The **Delete All** option removes all of the number from the call list.

9.2 Missed calls

The user phone stores up to the last 30 calls user have missed. If user has missed any calls, **Missed Calls** displays on the screen, along with the number of calls missed. Missed calls appear in the phone only if it was turned on and in a service area when the call was missed.

9.2.1 Checking missed calls

- ① Press **List**.

② To call back the displayed number, press .

③ Press **Back** to return to the start screen.

Or, press **Menu 2 1** (Call History - Missed), then scroll through the list.

When the Forward if not answered option in the Call Forwarding feature is selected, the phone treats the forwarded calls as missed calls.

9.3 Dialed calls

The phone automatically stores the last 30 numbers you've dialed.

① Press **Menu 2 3** (Call History - Dialed).

② Use  or  to scroll through the dialed numbers list.

③ Press  to dial the number you wish to call.

The user can also access the last 30 dialed numbers by pressing , then quickly press  or  to scroll through the list.

9.4 Received calls

The phone stores numbers of the 30 most recent calls you've answered.

Press **Menu 2 2** (Call History - Received), then scroll through the numbers.

9.5 Timers

The phone automatically tracks the amount of time you've spent in calls.



① Press **Menu 2 4** (Call History - Timers).

② Scroll to access the following options:

- **Last call** displays the call duration of the last call.
- **Received** displays the duration of incoming calls since timers have last been reset.
- **Dialed** displays the duration of outgoing calls since timers have last been reset.
- **Life timer** displays the duration of all calls for the life of the phone and cannot be reset.

Careful: Clearing call timers cannot be undone. If user is using the call timers to log or track the amount of time user is using your phone, user may wish to record the call timers before user erase them.

To clear timers:

① Press **Menu 2** (Call History).

② Press **ENTER**.

Note: The actual time invoiced for calls by user service provider may vary, depending upon items such as network features, rounding off for billing, and taxes.

9.5.1 Current call timer

This feature displays the running elapsed time while a call is active. Once the call has ended, press any key to clear the screen.

① Press **Menu 3** (Call History)

② Press **Details**.

③ With **Current call timer** displayed, press **Select**.

④ Scroll to **On**, and press **OK**.

10. CALENDAR

The calendar keeps track of birthdays, meetings, simple reminders, and calls user needs to make. It can even sound an alarm when it's time for user to make a call or go to a meeting.

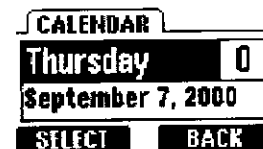


Remember! The phone must be switched on to use this feature. Do not switch on the phone when wireless phone use is prohibited or when it may cause interference or danger.

Note: The phone must remain on to use the calendar's alarm feature. If the phone is off, the alarm does not sound at its scheduled time.

10.1 Using the calendar

① Press **Menu 7** (Calendar).



② If user hasn't set the time and date, the phone prompts user to set the phone's clock.

③ When the phone prompts user for the time with **hh:mm**, enter the time in hours and minutes (using two-digit fields).

④ Press **ENTER**.

Time format (24-hour or am/pm) is set using the Clock.

When the phone prompts user for the date with **mm/dd/yyyy**, enter the month and day (using two-digit fields) and year (using a four-digit field), then press **ENTER**.

Tip: Use  to move the cursor right and  to move it left. When user enter a digit, it writes over the number to the right of the cursor.

The phone displays the current day. The user can also scroll to different days by pressing  or .

Once user is at the date user wants, press **Options**. Then use  to highlight the option user wants, and press **Select**. The options are:

10.1.1 Details

With this option, user can view the notes of the day currently on display.

Use  to scroll through the notes. Each note allows you to choose the following Options:

- **Add Entry** add the note from the calendar.
- **Edit Entry** gives user the same prompts user got when you made the note.
- **Delete Entry** clears the note from the calendar.
- **Delete All For Day**
- **Delete All Entries**

10.1.2 Add entry

To add an event, the user scrolls to the desired day of the event and presses the **Select** softkey. If no events are already scheduled for that day, the left softkey will be **ADD**. The user presses the **ADD** softkey, and is taken to a text entry pane. When the event information is completed, the user presses the **Enter** softkey.

After pressing the **Enter** softkey, the user will be presented with the date picker. The default date entered into the date picker will be the date that was

visible when the user pressed the **ADD** softkey. After entering the date, the user presses the **Enter** softkey. The user will then be presented with the time picker. The default time entered will be the current time when the user pressed the **ADD** softkey.

10.1.3 Edit entry

To edit an existing event, the user scrolls to the day with the desired event and presses the **SELECT** softkey. The user will be shown a list of all events occurring on that day. The user highlights the desired event and presses the **SELECT** softkey. The user will be presented with a detailed view of the event. The user presses the **OPTIONS** softkey. The user then highlights the **Edit Entry** list item from the Options list and presses the **SELECT** softkey. The user will be taken to the text entry pane, which will already contain the text note for the event.

Note: This feature allows the user to edit an existing event. All details about the event can be modified.

10.1.4 Delete entry

This feature allows the user to remove an event from the calendar. To remove an event from the Calendar, the user scrolls to the day on which the desired event exists and presses the **Select** softkey. The user will be presented with a list of events for that day. The user highlights the even to be deleted and presses the **Select** softkey. The user will be presented with the detailed view of the event. The user then presses the **Options** softkey. The user will be

presented with a list of options. The user highlights the **Delete Entry list** item and presses the **SELECT** softkey. The user will be asked to confirm the deletion by pressing the **ENTER** softkey. The deletion can be cancelled by pressing the **CANCEL** softkey or the **END** key.

Note: *It should be noted that this function is permanent, and cannot be undone.*

10.1.5 Delete all entries

This feature allows the user to delete all of the events on the handset. To delete all events, the user first scrolls to any day that has an event on it and presses the **SELECT** softkey. The user highlights any event and presses the **SELECT** softkey again. The user presses the **OPTIONS** key, then highlights the **Delete All Entries** list item from the Options submenu. The user will be asked to confirm deletion by pressing the **ENTER** softkey. The deletion can be cancelled by pressing the **CANCEL** softkey or the **END** key.

Note: *It should be noted that this function is permanent, and cannot be undone.*

10.2 Date and time in the calendar

10.2.1 Setting Date

The current date will be displayed as the default value of the buffer. Users must enter the date on the keypad in MM/DD/YYYY mode. For months and days less than 10, the user enters a leading zero.

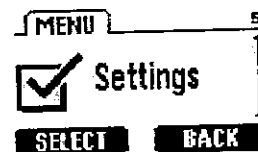
For examples, September, the ninth month, must be entered as "09" In the Set Date screen, the  displays **OK** and the  displays **BACK / CLEAR**. The **OK** command saves the current date setting, and the **BACK / CLEAR** functions like the default action. Pressing the **END** key will return the user to the idle/ready screen without saving changes.

10.2.2 Setting Time

To change the time, users enter a new time on the keypad. The time may be entered in either 12-hour or 24-hour mode. For hours less than 10, users enter a leading zero for example "0800". In the Set Clock screen the  displays **OK** and the  displays **BACK / CLEAR**. The **OK** command saves the current clock setting, and the **BACK / CLEAR** behaves in its default fashion. Pressing the **END** key will return the user to the idle/ready screen without saving changes.

11. SETTINGS

Setting is accessed through the main menu, and is designed to allow the user quick and easy access to the settings of their phone. This handset's settings can be grouped into 7 distinct categories: Phone Settings, Answer Settings, Speed Dial, System, Messages, Languages, and Security Settings.

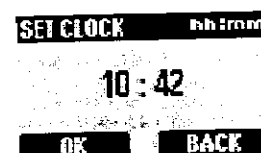


11.1 Phone Settings

11.1.1 Date and time

11.1.1.1 Setting the time

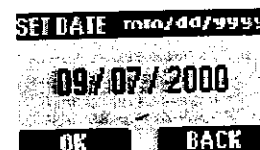
Enter the hour and minute (using two-digit fields), then press **OK**.



① Press **Menu 4 1 1** (Settings - Phone settings - Date and Time).

11.1.1.2 Setting the date

Enter the day and month (using two-digit fields) and year (using a four-digit field), then press **OK**.



① Press **Menu 4 1 1** (Settings - Phone settings - Date and Time).

11.1.2 Alarm clock

The alarm clock operates off the phone's clock. The volume for the alarm clock is determined by the current ringing volume.

Note: If user has selected the Silent or Beep once ringing option, the alarm clock quietly beeps once.

11.1.2.1 Setting the alarm clock

- ① Press **Menu 4 1 2** (Settings - Phone settings - Set Alarm clock).
- ② Enter the time for which user wants to set the alarm (use two-digit fields for hours and minutes). Existing digits are replaced with the new alarm time.
- ③ Press **OK**.
- ④ Select either am or pm and press **OK**.

Note: Step ④ appears only if user has selected am/pm format.

11.1.2.2 When the alarm goes off

Press **Stop** to turn off the alarm.

a) Snoozing

Press **Snooze**.

The alarm will go off again in 10 minutes. If user let the phone alarm for 1 minute without pressing a key, it stops alarming for 10 minutes, then starts again.

b) Turning the alarm clock off

- ① Press **Menu 4 1 2** (Settings - Phone settings - SET Alarm clock).
- ② Scroll to **Off**.

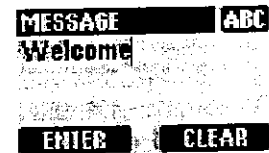
- ③ Press **OK**.

Note: If user has selected the Silent or Meeting profile, the alarm beeps only once. The best profile to use while using the alarm clock is Normal or Outdoor, unless these have been modified from their original settings.

Remember! Do not switch on the phone when wireless phone use is prohibited or when it may cause interference or danger.

11.1.3 Welcome

The user can put a welcome note into the phone. The welcome note displays a message each time user turn the phone on (for example, hello, your name, a reminder, etc.). The maximum length is 36 characters.



- ① Press **Menu 5 1 3** (Settings - Phone settings - Welcome note).

- ② Enter new message or edit an existing one.

Characters user enter are added 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**.

11.1.4 Backlight

This is one of the settings in the phone's Car profile, and works only when the phone is connected to a car kit. This feature determines whether the lights are on only when user uses the phone, or if they are on at all times.

① Press **Menu 4 1 4** (Settings - Phone settings - Backlight).

② Scroll to access the following options:

- **Long** – Set the duration of the backlight to Long (20 seconds).
- **Short** – Set the duration of the backlight to Short (10 seconds).
- **Off** – Turn off the backlighting.

Note: *Car does not appear in the list unless the phone is connected to a car kit.*

If user selects **Automatic**, the phone's lights are turned off within fifteen seconds if no keys are pressed. If **On** is selected, then the lights remain on the entire time the phone is connected to the car kit.

11.1.5 Restore defaults

When **Restore Defaults** is selected, the user will be shown a confirmation view asking if they are sure that they want to return the phone to its original configuration.

11.1.6 Minute Reminder

When **Minute Reminder** is selected, the user will be shown a confirmation view asking if they are sure that they want to return the phone to its original configuration.

11.1.7 NAM Selection

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

For example, the user's phone can be activated in up to 3 different service areas (e.g. one in Dallas, another in Chicago, and maybe one more in New York), each giving the phone a different phone number or account.

Only one number can be active at a time. When user select a phone number, user is also selecting which system user is using as the 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 the phone if the service provider has service or roaming agreements for each area in which user wishes to use the phone. Contact the service provider for details.*

11.1.7.1 Setting the NAM for the user's phone

① Press **Menu 4 1 7** (Settings - Phone settings - NAM selection).

② Scroll to the phone number user wants to use and press **Enter**.

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

11.2 Answer Settings

11.2.1 Automatic answer

With this on, the phone answers incoming voice calls after one ring.

Note: *This can only be used when the phone is connected to a headset or to an approved hands free car kit equipped with the ignition sense option, with the ignition on.*

11.2.2 Activating automatic answer

① Press **Menu 4 2 1** (Settings - Answer Settings - Auto Answer).

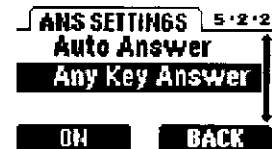
② Scroll to access the following options:

- **Never** – Auto Answer is turned off.
- **After 3 Seconds** – Phone will auto answer after 3 seconds.
- **After 5 Seconds** – Phone will auto answer after 5 seconds.

③ Press **Select**.

11.2.3 Any key answer

When the phone receives a call, the ring tone sounds (unless the ring tone has been disabled through the menus), the words **Call Receive** flash in the display, the display and keypad back lighting are turned on.



① Press **Menu 4 2 2** (Settings – Answer Settings – Any Key Answer)

② Press **ON** or **OFF**.

11.3 Network setting

Call forwarding, Call waiting, Send own number, and Voice privacy are network services available through the service provider or dealer.

When user subscribe to any of these services, the service provider or dealer gives user a separate feature code to activate each service.

Deactivation codes are used to deactivate each service.

Once user stores the appropriate code in your phone, the service appears as a menu item. The user can then use the menu to activate and deactivate these services.

Each time user use a feature that requires a feature code, that code is sent to the network to verify user is using the correct feature code.

Note: If the phone has more than one phone number assigned to it, any feature code stored apply only to the primary phone number, or NAM 1 See "NAM selection" for details on NAM.

11.3.1 Setting system

① Press **Menu 4 4** (Settings - System).

② Scroll to access the following options:

- Automatic
- Manual
- New Search

③ Press **Select**.

11.3.2 System

The user phone is capable of working in residential, private, and public systems (such as the home system). The user can choose how the phone selects a network to use.

This feature is **Menu** in the phone. The default system is **Automatic**. This means the phone automatically searches for available networks and chooses the appropriate one. Every time user switches on the phone, it resets to **Automatic**.

If user chooses **Manual**, the phone searches for networks, then displays them for user. The user's phone displays **Available:** or **Not available:** for the systems it finds (The user can not use **Not available:** systems).

Use the  key to scroll through the choices, and press **Select** when the user see the one user want.

If user chooses **New Search**, the phone begins a new search for private and residential systems. When it finds the best system, the phone displays it. The user can then select the system, or start another search by pressing **Next**.

Note: *If user has two phone numbers (two NAMs), the Manual and New search features are only used with the primary phone number (NAM 1). See "NAM selection" for more information about NAMs.*

11.4 Voice messages

Voice mail is a network service that may require a subscription from the service provider.

The user phone notifies user when user receive a voice message. New voice message and the  icon appear on the screen, and the phone sounds a short beep. The user phone displays the number of voice messages if user has received more than one.

11.4.1 Saving the voice mailbox number

Before user can retrieve any voice messages, user must save the voice mailbox phone number. The user service provider usually gives this number to user.

① Press **Menu 4 5 1** (**Settings - Messages - Voicemail num**).

② Enter your voice mailbox phone number.

③ Press **Enter**.

This number can be up to 32 digits long and is used until it's changed.

Therefore, if the phone number changes, user may need to change the voice mailbox number along with it.

11.4.2 Message expiration

This number can be up to 32 digits long and is used until it's changed.

① Press **Menu 4 5 2** (**Settings - Messages - Msg Expiration**).

② Scroll to access the following options:

- **1 hour** - Messages expire after one hour on the Network Server.
- **6 hour** - Messages expire after six hours on the Network Server.
- **12 hour** - Messages expire after 12 hours on the Network Server.
- **24 hour** - Messages expire after 24 hours on the Network Server.
- **72 hour** - Messages expire after 72 hours on the Network Server.
- **1 week** - Messages expire after one week on the Network Server.
- **Maximum** - Messages expire after the Maximum time allotted by the Network Server.

③ Press **Select**.

11.5 Setting the display language

The **Languages** menu allows user to select the display language for the phone.



① Press **Menu 4 6 1**.

② Scroll to the language user wishes to use, then press **SELECT**.

The user can choose from English, Mexico Spanish, Canada French, Brazil Portuguese.

12. SECURITY SETTING

The phone is equipped with a versatile security system to prevent unauthorized use of the phone.

12.1 Security code

The phone prompts user for a security code for certain features. These features can be used only after the correct security code has been successfully entered.

Note: When entering the security code, an * appears on the screen each time user press a number key, to prevent others from viewing the code.

If user makes a mistake entering the code, erase the last digit entered by pressing **Clear**, or press and hold **Clear**. Then enter the correct code or press **Back** to exit the current feature.

If user enter an incorrect security code (Code error appears) five times in a row, the phone won't accept any entries for the next five minutes.

The phone's default security code is 12345. It's highly recommended that user change this code at once, write it down, and store it in a safe place away from the phone.

12.1.1 Changing the security code

- ① Press **Menu 4 7 1** (Settings - Security Settings - Call Restrtn).
- ② Enter the security code and press **ENTER**.
- ③ Enter the new security code at **NEW BARRING PW**
- ④ Press **ENTER**.

⑤ Enter the new security code again at CONFIRM NEW PW

⑥ Press ENTER.

The user's phone displays Security code changed.

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

12.2 Lock code

User shall need the lock code to activate and deactivate Phone Lock, or to change the lock code. The default lock code is 1234. If the users enter an incorrect lock code five times in a row, the phone prompts user for the security code.

12.2.1 Changing the lock code

Note: In a lock code, only numeric characters are accepted.

① Press Menu 5 5 2 (Settings - Security Settings - Access Codes).

② Enter the lock code at Enter lock code: and press OK.

③ Enter the new lock code and press OK.

④ Verify the new lock code, and press OK.

Note: When user change the lock code, make sure user store it in a safe place, away from the phone. Avoid entering access codes similar to emergency numbers to prevent accidental emergency calls.

12.3 Phone lock

When user turns on phone lock, the phone locks after user switch it off and then back on. Then, each time user turn the phone on, it prompts user for a lock code when user press either **Names** or **Menu**. The default code is 1234.

When the phone lock is on, user cannot access most of the phone's memory and menu features or make phone calls without entering the lock code.

12.3.1 Turning on phone lock

- ① Press **Menu** (Settings - Security Settings - Access codes - Phone Lock).
- ② Enter the lock code then press **OK**.
- ③ Scroll to On, and press **OK** again.

When the phone is locked, calls may be possible to the emergency number programmed into the phone (e.g.911 or other official emergency number) including calls with Emergency Key 9.

The user can also store a number in the Unlocked phone number location, which allows user to call this number even though the phone is locked.

12.3.2 Storing the unlocked phone number

- ① Press **Menu** (Settings - Security Settings - Access codes - Unlocked phone number).
- ② Enter the lock code and press **OK**.

- ③ Enter phone number at **Number:** (or press **Search** and scroll through the phone book)
- ④ Press **OK**.

12.3.3 Calling the unlocked phone number

Note: The phone must be locked to use this feature.

- Press  or  once, then . Or, user can manually enter the phone number as it is stored and press .

12.3.4 Answering a call with phone lock on

- Press any key except  and .

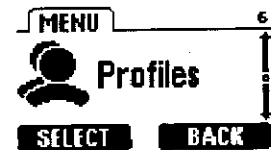
12.3.5 Turning off phone lock

- ① Press **Menu** (**Settings - Security Settings - Access codes - Phone lock**).
- ② Enter the lock code and press **OK**.
- ③ Scroll to **Off** and press **OK** again.

With phone lock off, user can use the phone without entering the lock code each time you turn your phone on.

13. PROFILES

Profiles allows user to customize the phone's ringing volume, ringing tone, message tone, ring style, vibration, keypad tones, warning and game tones, etc., in a matter of seconds.



13.1 Profiles

Profiles allows user to customize the phone's ringing volume, ringing tone, message alert, keypad tones, warning and game tones, etc., in a matter of seconds.

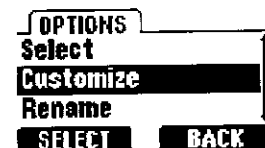
Note: Restore factory settings resets any changes made in Profiles back to the factory defaults. The default setting is General.

13.1.1 Selecting different profiles

- ① Press the  key.
- ③ Press the  key (or user can press **Select**) to select the highlighted profile.

13.1.2 Customizing profiles

- ① Press **Menu 5 (Profiles)**.
- ② Scroll to the desired profile.
- ③ Press **OPTIONS**.



Once **Options** is selected, **Select**, **Customize** and **Rename** appears as the user choices.

- **Select** activates the currently highlighted profile.

- **Customize** allows user to customize a profile by changing the current settings.
- **Rename** allows user to rename the profile.

Note: *Car and Headset does not appear in the profiles list unless the phone is connected to a car kit or a headset. However, they remain in the menu once connected for the first time, unless user choose to restore the phone's factory settings. See "Restore factory settings".*

Once user has selected one of these items, press **Select**. If user wishes to go back to the main menu, press **Back**.

When user selects **Customize**, press **OK** to choose from several lists that enable user to adjust the setting on the current profile.

Note: *When user changes a setting in the current profile, it only affects that profile and does not change the phone's normal settings.*

13.1.2.1 Ringer Volume

This sets the default ringing volume for incoming voice calls and message alert tones.

- ① Press **Menu 6 2 1** (Profiles)



- ② Use  to scroll to the profile for which user want to set the ringing volume and press **Options**.

- ③ Highlight **Customize** and press **Select**.

- ④ Scroll to **Volume**, then press **Select**.

- ⑤ Scroll through the options. When user hear the volume level user wishes to use, press **Select**.

Note: The ringing volume setting is stored individually for the hands free car kit and the headset.

13.1.2.2 Ring Tone

Ringing tones set the ringing tone for incoming voice calls.

Note: To silence the ringing of an incoming call, press 

① Press **Menu 5 2 2** (Profiles).

② The phone lists each profile. Use  to highlight the one for which user want to set the ringing tones.

③ Press **Options**.

④ Highlight **Customize** and press **Select**.

⑤ Scroll to **Ring Tone**, then press **Select**.

Scroll through the options. After user hear the tone user wishes to use Press **Select**.

13.1.2.3 Message Tone

Also, see "When user receive a text message" on the menu.

① Press **Menu 5 2 3**(Profiles)

② Use  to scroll to the profile for which user wants to set the message alert tone and press **Options**.

③ Highlight **Customize** and press **Select**.

④ Scroll to **Message**, than press **Select**.

- ⑤ Use  to scroll through the user's choices (the phone plays samples) and press **Select**.

13.1.2.4 Ring Style

The user can choose how the phone notifies user of an incoming call. This setting does not affect incoming text message alert tones.

- ① Press **Menu 5 2 4** (Profiles).
- ② The phone lists each profile. Use  to highlight the one user want to set the ringing options for.
- ③ Press **Options**.
- ④ Highlight **Customize** and press **Select**.
- ⑤ Scroll to **Ring Style**, then press **Select**.
- ⑥ Scroll to **Ring**, **Ring Ascending**, **One Ring**, **One Beep**, or **Silent**, and press **Select**.
- ⑦ Press  or  to highlight the desired caller group(s), then press **Mark** to select or **Unmark** to de-select them.

13.1.2.5 Vibration

- ① Press **Menu 5 2 5** (Profiles).

② Use  to scroll to the profile for which user want to set the vibrating alert and Press **Options**.

③ Highlight **Customize** and press **Select**.

④ Scroll to **Vibration**, then press **Select** again.

⑤ Use  to highlight **On** or **Off** and press **Select**. If user has set **Ring Style** to **Silent**, the phone does not vibrate.

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

Note: Vibration does not appear as an option for the **Car** profile.

13.1.2.6 Warn & Game Tone

Warning and game tones include tones the phone makes for conditions such as errors, confirmations, power on, battery low, and recharge battery. These tones also include the sounds the phone makes as user plays its various games. The user can set warning and game tones on or off.

① Press **Menu 5 2 6** (**Profiles**).

② Use  to scroll to the profile for which user wants to set the warning tones and press **Options**.

③ Highlight **Customize** and press **Select**.

④ Scroll to **Warning and game tones**, then press **Select**.

⑤ Scroll to **On** or **Off** and press **Select**.

13.1.2.7 Keypad Volume

These set the volume of the tone user hears when user press the phone's keys.

Note that if user chooses the **Silent** profile, keypad tones are turned off.

- Silent
- Low
- Medium
- High

13.1.3 Rename

- ① Press **Menu 5** (Profiles).
- ② Scroll to the desired profile and press **Options**.
- ③ Scroll to **Rename** and press **Select**.
- ④ Enter the new name and press **Select** again.

Note: The *Normal*, *headset*, and *car kit* profiles cannot be renamed.

14. CALL SERVICES

The Call Services menu allows the user to view and configure settings pertaining to call options.



14.1 Call forwarding

Note: This feature may not be available in all wireless systems. See the service provider for details and availability.

This network service is used to forward incoming calls to another number so user won't miss an important call.

Note: Before user can activate this feature, user should first store the feature code given to user by the service provider. Otherwise, this feature may not appear in the menu.

However, user can use the feature code manually, if you choose, by including the feature code in front of the phone number (For example,*72 555 1212).

See "Storing codes" menu for more information.

① Press **Menu 6 3** (Call Services - Call forwarding).

② Scroll to desired call forwarding options (see options below) and press **Select**:

14.1.1 Call forwarding options

- **All Calls** forwards all incoming calls.
- **If Busy** forwards calls only when user is on the phone.
- **If Not Answered** forwards calls if user doesn't answer.
- **Cancel All Fwd** cancels all call forwarding options user have active.

① Highlight **Activate** and press **Select**.

② Scroll to **Voice Mailbox, or Other Number** and press **Select**.

14.2 Call Restriction

This feature allows user to restrict incoming and outgoing calls. Outgoing calls are restricted from a list of restrictions that the user create themselves.

If user has not yet defined restrictions in the phone, there is only one option:

- **Add restriction** allows user to create the own list of outgoing call restrictions. The maximum number of call restriction groups user can define is 10.

Once user has entered **Add restriction** and have added at least one restriction, the following options are added:

- **Select** allows user to select call restrictions from the outgoing calls list.
- **Edit** allows user to edit an existing outgoing call restriction.
- **Erase** erases any existing outgoing call restrictions.

Note: When calls are restricted, calls may be possible to the emergency number programmed into the phone (e.g.911 or other official emergency numbers). However, Emergency key 9 may not operate depending on the type of restriction user choose.

14.2.1 Restricting outgoing calls

① Press **Menu 6 2** (**Call Services - Call Restriction**).

② Scroll to **Outgoing** and press **Select**.

③ Enter the security code and press **Select**.

④ Scroll to **Activate, Cancel, or Status** and press **Select**.

⑤ Enter the number user wishes to restrict and press **Select**.

14.2.2 Restricting incoming calls

- ① Press **Menu 6 2** (Call Services - Call Restriction).
- ② Scroll to Incoming and press **Select**.
- ③ Enter the security code and press **Select**.
- ④ Scroll to Activate, Cancel, or Status and press **Select**.
- ⑤ Enter the number user wishes to restrict and press **Select**.

14.3 Call Waiting

Note: This feature may not be available in all wireless systems. See the service provider for details and availability.

If user has subscribed to Call Waiting, the phone beeps during a call to alert user to an incoming call.

The phone may also display the incoming caller's identification.

- ① Press **Menu 6 4** (Call Services - Call Waiting).
- ② Scroll to Activate, Cancel, or Status and press **Select**.
- ③ Enter the number user wishes to restrict and press **Select**.

14.4 Caller ID

① Press **Menu 6 5** (Call Services - Caller ID).

The Caller ID function allows the user to enable or disable caller identification features on the handset. The user can configure caller ID by highlighting the Caller ID list item and pressing the left **SELECT** softkey. The user will be presented with a list containing the following options:

- Default
- On
- Off

The default setting will be Default. The service provider will determine the state of the default setting, either on or off. The user can select one of the above choices by highlighting the desired setting and pressing the left **SELECT** softkey. The current setting will be denoted to the user by the inclusion of a checkmark next to the list item. Once the desired setting is enabled, the user can return to the Call Options submenu by pressing the right **BACK** softkey.

14.5 Calling Card

Often a user will want to use a calling card for their long distance calls from their cell phone. To facilitate this need, this phone can store one calling card and all of its information for fast access and convenience.

① Press **Menu 6 1** (Call Services - Calling card).

The user can access these features by highlighting the Calling Card menu item and pressing the left **SELECT** softkey. The user will then be presented with a list of the following items:

- New/Edit Calling Card
- Delete Calling Card
- Place Call

The soft keys for this menu will be **SELECT** (left) and **BACK** (right).

14.5.1 New / Edit Calling Card

This handset can store on Calling Card at a time to eliminate confusion between cards and to speed the setup process. If there are no cards stored on the phone, this menu choice will read "New Calling Card." Otherwise, it will read "Edit Calling Card."

① Press **Menu 6 1 1** (Call Services - Calling Card - New/Edit).

The first screen the user will see is a list of the possible Dialing Sequences used by common Calling Cards. The softkeys are **SELECT** (right) and

BACK (right). They will be asked to "Chose a Dialing Sequence:." The choices are:

- Access#+Phone#+Card#
- Access#+Card#+Phone#
- Dialing Prefix+Phone#+Card#

② Scroll to the desired calling card and press **SELECT**.

14.5.2 Delete Calling Card

This option will delete all information pertaining to the stored Calling Card, essentially returning the Calling Card mode to the factory default settings. When the user selects this choice and presses the **SELECT** key, she will be presented with a confirmation screen to confirm the deletion.

① Press **Menu 6 1 2** (Call Services - Calling Card - Delete).

- ② Scroll to the desired card and press **SELECT**

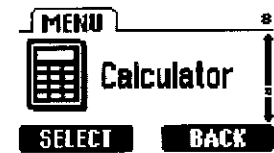
14.5.3 Place Call

This option is merely a redundant means of placing a Calling Card call. The user selects this option by highlighting it in the menu and pressing the **SELECT** key. The phone will prompt the user for the desired phone number to call, and will then walk the user through the calling process as if they had used the long-press shortcut defined next.

- ① Press **Menu 6 1 3**(Call Services - Calling Card - Place Call).

15. CALCULATOR

Calculator is a simple, 4-function floating-point calculator. It allows addition, subtraction, multiplication, and division of integers and decimals, but does not support cascading operators. The user chooses this option by selection the



Calculator option in the menu and pressing the **SELECT** key. When in the Calculator application, the left softkey is **OPTIONS** and the right softkey is **BACK**.

When the user enters a number, the right softkey changes to **CLEAR** and is used to correct mistakes. The * key, which is labeled with a '+' character cycles through the four operators(+,-,x,÷). The Options menu contains the following choices:

- **Equals** – Concludes pending operation. Display result on screen. (The '#' key is a shortcut for this operation. A single press will total the expression.
- **Add** – Completes entry of prior number. Moves digits up one line and displays a '+' symbol on the screen
- **Subtract** – Completes entry of prior number. Moves digits up one line and displays a '-' symbol on the screen
- **Multiply** – Completes entry of prior number, Moves digits up one line and displays a 'x' symbol on the screen
- **Divide** – Completes entry of prior number. Moves digits up one line and displays a '÷' symbol on the screen
- **Exit** – Exits Calculator application and returns user to main menu.

16. GAMES

The Games submenu allows the user to play a number of games on the handset. To play games, the user highlights the Games menu and press the **SELECT** softkey. The user will be presented with the following list of games:



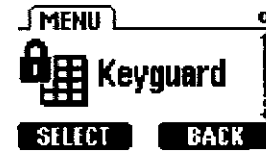
16.1 Breakout

16.2 Snake

Feed the snake with as many goodies as possible and watch it grow. Use keys 2,4,6, find 8 to turn the snake toward food. 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.

17. KEYGUARD

This feature helps to prevent accidental key presses (when the phone is in a pocket or purse, for example) by locking the keypad.



If any keys are pressed while Keyguard is activated, Press **Unlock** and then * will display.

17.1 Activation Keyguard

There are three different ways to activate Keyguard:

- Press and hold .
- Press **Menu** .
- Press **Menu 9** at the Start Screen.

To activate Keyguard:

- ① Press **Menu**.
- ② Scroll to Menu 9 (Keyguard).
- ③ Press **Select** or press and hold .

17.2 Deactivation Keyguard

- ① Press **Unlock**.

② Press OK.

Or,

- Press and hold  until Unlock keys? appears and press OK.

Note: When Keyguard is ON, calls to the emergency number programmed into the phone may be possible (for example, pressing 911 then ). However, Emergency key 9 doesn't work.

17.3 Answering a call with Keyguard active

During an incoming call the keypad automatically unlocks. Otherwise, press only . After you end the call, Keyguard automatically becomes active again.

17.4 Some note about Keyguard

- Calls may be possible to the emergency number programmed into the phone (e.g. 911 or other official emergency number). The number is displayed only after user has keyed in its last digit.
- Pressing the  key quickly turns lights on for 15 seconds.

Note: Keyguard is automatically turned off when the phone is connected to a car kit.

18. TECHNICAL INFORMATION

Weight	157g with 900 mAh NiMH Battery
Size (H x W x D)	130.6 x 47.2 x 29.6 mm
Wireless Networks	TDMA800 TDMA1900 AMPS
Frequency Range	Lowband 824.04-848.97 MHz (TX) 869.04-893.97 MHz (RX) Highband 1850.04 – 1909.92 MHz (TX) 1930.08 – 1989.96 MHz (RX)
Transmitter Output Power	Up to 600mW
Battery Voltage	3.6V nominal
Number of Channels	832 lowband 1997 highband
Number of NAMs	2
Memory Locations	200
Memory Capacity	Alpha: 15 digits per location Numeric: 32 digits per location

Safety information to be included in User Manual

SAFETY INFORMATION FOR WIRELESS HANDHELD PHONES

WARNING! Please do not use your Audiovox 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).

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:

- Extend your **antenna** fully.
- 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 may 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.