

WELCOME

Thank you for choosing the up-to-date CDM-8150, our new model, developed by top researchers to support the CDMA-2000 1X system through Qualcomm-manufactured MSM5105 chips and CDMA technologies. This product allows for high speed communication services, such as web browsing and data & fax services.

Among its many advanced features, the T9 text input mode makes it much easier to enter letters. In addition, VR (Voice Recognition) makes the phone more user friendly, with proven technologies in detail as follows:

- Full graphic display of 5 text input line and 1 icon line with variable font size.
- Lithium Ion batteries allow for long talk and standby times.
- Easy to dial through the VR feature.
- Easy to enter letters through the T9 text input mode.
- Multilingual (English and French available)
- Enhanced for web browsing & data services (i.e.; wireless internet access, wireless fax send/receive, Openwave, Up browser).
- Downloadable ringtones and images allow you to personalize your phone.

IMPORTANT INFORMATION

This CDM-8150 user guide contains very important information about how to handle and use the product. So please read this manual thoroughly. Please make sure that you don't drop the phone, apply any physical impact on, and immerse the phone in water or liquids. Also, please pay attention to the warranty on the back page and be alert to the exclusions and limitations of your warranty, which are related with the unauthorized use of components.

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Chapter 1

**BEFORE USING
YOUR PHONE**

This chapter describes what you have to know before using the phone. Please make sure that you have all the items that are listed in the following page.

INSIDE THE PACKAGE

This package includes all items pictured below.

If any are missing or different, immediately contact the retailer where you purchased the phone.



Handset



Desktop Charger



Standard Battery



User Manual



Handstrap

6

HANDSET DESCRIPTION

Earjack

Earpiece

Antenna

For optimum performance, the antenna should be fully extended during a call.

LCD Screen

Function Keys

Clear Key

END/
Power Key

Digit Key

Microphone

Volume
Button

For use in adjusting the volume of earpiece and ring.

VR key

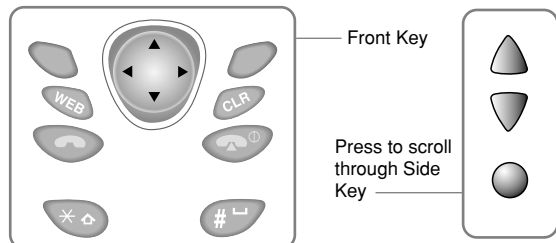
Send key

HC
1

7

HANDSET DESCRIPTION

THE FUNCTION KEYS



Front Key

Press to scroll
through Side
Key



Press to make or receive a call.



Press to terminate a call or exit a current page,
and turn the phone on/off.



Press to scroll through the items in the menu.



(Soft 1) Press to access the menu or function
as shown in the bottom line of the display.



(Soft 2) Press to access and review a voice or
text message, and return to the previous page.



Press to access the internet service.



Press to clear a digit from the display or to go
back to previous screen.



Press and hold it to set the Manner Mode. In
this mode, keypad tone is off and vibrator is on.



Press and hold it to set the key guard Mode.



Press to scroll through the items and volume
up/down.



Press to initiate the VR (Voice Recognition) Mode.

HANDSET DESCRIPTION

DISPLAY INDICATORS



Signal Strength

Current signal strength — the more lines the stronger signal.



Roaming

Phone is out of home area.



Service Indicator

Indicates call is in progress, indicates the phone is
in standby mode, and indicates the phone cannot
receive a signal from the system.



Message

New text or voice message.



Digital Mode

Phone is operating in digital mode.



Battery

Battery charging level — the more blocks the stronger the charge.



Mute

Phone is mute during a call.



Scratchpad

Appears when scratchpad is in use during a call.



Emergency Call

Blinks when an emergency call is in progress.



Unchecked Voice Memo

Shows that there are some voice memos not checked yet.



Answering machine

Shows that the phone is in answering machine mode.



Schedule

Appears when either an event or an alarm is set.



Manner Mode

Manner Mode on — phone will vibrate when call is received.



Phone is in the progress of UP Browser.

Ring Mode

Appears when Silent is selected as the ring mode.



Ringer



Vibrate



Escalate



Ring after vibrate



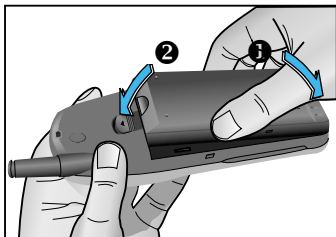
Silent

BATTERY USAGE

1

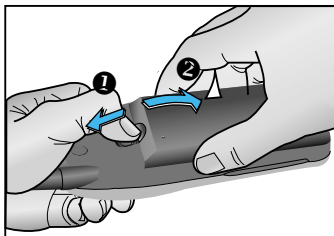
BATTERY INSTALLATION

- 1 Place the battery on the back of the handset and slide it down into place. 2 Push the battery down until it locks into place.



BATTERY REMOVAL

- 1 Pull down the release latch, lift up the battery, and 2 remove the battery from the handset.



Securely place the battery to avoid slipping off during a call. Turn off the phone before removing the battery to avoid losing any unsaved features and messages.

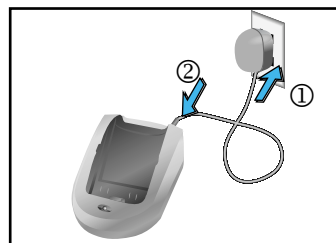
BATTERY USAGE

1

BATTERY CHARGING

POWER CONNECTION

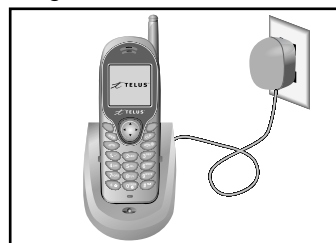
- 1 Connect the AC adapter to the desktop holder and plug it into the outlet.
- The red LED indicates charging is in progress.
 - The green LED indicates charging is completed.



Fully charge the battery before using – it is not charged when purchased.

CHARGING THE BATTERY WITH THE HANDSET

- 1 Place the handset (with battery attached) into the charger.



- It is more efficient to charge the battery with the phone turned off.
- If the red LED does not illuminate when charging, check the power connection and make sure the handset is securely in place.

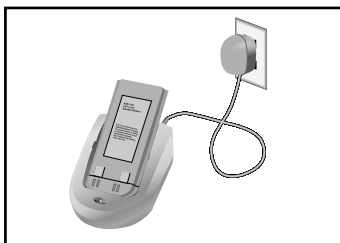
BATTERY USAGE

HC
1

CHARGING THE BATTERY ONLY

- 1 Place the battery only into the charger.

- The red LED indicates charging is in progress.
- The green LED indicates charging is completed.



BATTERY LIFE (FOR NEW BATTERY)

The operating time is subject to your handset usage and configuration.

Status \ Type	DIGITAL	AMPS
Talk (min)	200	70
Standby (hrs)	160	14

BATTERY HANDLING INFORMATION

DOs

- Only use the battery and charger approved by the manufacturer.
- Only use the battery for its original purpose.
- Try to keep batteries in a temperature between 41°F (5°C) and 95°F (35°C).
- If the battery is stored in temperatures above or below the recommended range, give it time to warm up or cool down before using.
- Completely drain the battery before recharging. It may take one to four days to completely drain.
- Store the discharged battery in a cool, dark, and dry place.
- Purchase a new battery when its operating time gradually decreases after fully charging.
- Properly dispose of the battery according to local laws.

DON'Ts

- Don't attempt to disassemble the battery – it is a sealed unit with no serviceable parts.
- Don't accidentally short circuit the battery by carrying it in your pocket or purse with other metallic objects such as coins, clips and pens. This may critically damage the battery.
- Don't leave the battery in hot or cold temps. Otherwise, it could significantly reduce the capacity and lifetime of the battery.
- Don't dispose of the battery into a fire.

MEMO

CH
1

Chapter 2

BASIC OPERATION

CH
2

This chapter describes the basics of the most common features of your phone. With the given instructions, you can become more familiar the basic features, and it will help you utilize the more advanced features explained in the following chapters. Please take a few moments to get to know the basics of your phone.

TURNING THE PHONE ON / OFF

TURNING THE PHONE ON

- 1 Press , until the logo appears and the tone sounds.



- When "Password" appears on the display enter your 4-digit password to unlock your phone.
- The default password is the last 4 digits of your phone number.

CH
2

TURNING THE PHONE OFF

- 1 Press and hold , until your "Power off" logo is displayed.



- If "Low Battery Warning Power Off" appears on the display change or recharge the battery immediately. Memory may possibly be damaged if the phone turns off due to the battery completely draining.
- Turn the phone off before removing or replacing the battery. If the phone is on, data may be lost.

ACCESSING THE MENU

Your phone can be customized via the menu. Each function can be accessed by scrolling with the navigation keys or by pressing the number that corresponds with the menu item.

- 1 In the standby mode, press  [MENU] to access the menu.

- 2 Use the navigation key or the volume buttons to scroll through the menu.

- 3 Press  [PREV] to return to the previous page. Press  to exit the current menu.

- 4 Select an item with the navigation key or the volume buttons when it is highlighted. You can also press the corresponding number with the digit keys.

- 5 Volume buttons, and navigation key enable you to scroll through the menu.

CH
2

MENU SUMMARY

CH
2

1 : CALL LOGS

1 : MISSED CALLS
2 : INCOMING CALLS
3 : OUTGOING CALLS
4 : CLR CALL LOGS

2 : PHONE BOOK

1 : PHONE INFO
2 : BY LOCATION
3 : BY NAME

3 : SETTINGS

1 : AUTO RETRY
2 : AUTO ANSWER
3 : SPEED DIAL
4 : BACKLIGHT
5 : LCD CONTRAST
6 : LANGUAGE
7 : CHANGE BANNER
8 : KEY GUARD

1 : RETRY TIME
2 : REPEAT

4 : SOUNDS

1 : RING MODE
2 : RING TYPE
3 : KEY BEEP
4 : DTMF LENGTH

5 : TIMERS

1 : LAST CALL
2 : ALL CALLS
3 : HOME CALLS
4 : ROAM CALLS
5 : LIFETIME

6 : SPECIAL

1 : SCHEDULE
2 : STOPWATCH
3 : CALCULATOR
4 : BIORHYTHM

1 : LIST ALL
2 : VIEW CALENDAR
3 : PAUSE ALL

1 : TODAY
2 : ENTER DATE
3 : BIRTHDAY

18

MENU SUMMARY

CH
2

7 : ALERTS

1 : MINUTE BEEP
2 : ROAM ALERT
3 : FADE ALERT
4 : LOW SIG ALERT
5 : CONNECT ALERT

8 : DATA / VOICE

1 : DATA SERVICE
2 : VOICE SERVICE

9 : SYSTEM INFO

1 : NETWORK
2 : CHANGE NAM
3 : FORCE ANALOG
4 : VERSION INFO

0 : WEB

1 : LAUNCH WEB
2 : DOWNLOADS

3 : PROMPT

* : SECURITY

1 : LOCK PHONE
2 : CHANGE CODE
3 : RESTRICT

4 : RESET
5 : CLEAR

1 : RECEIVE MODE
2 : FLOW CONTROL
3 : CONNECT SPEED
1 : START VR
2 : VR SETTING
3 : START VMEMO
4 : VMEMO SETTING
5 : TRAIN CMDS
6 : OTHERS

1 : GET NEW
2 : MANAGE

1 : INCOMING
2 : OUTGOING
3 : PHONE BOOK
4 : 900# S

1 : CLR PHONE BOOK
2 : CLR SCHEDULE

19

BASIC FUNCTIONS

MAKING A CALL

- 1 Enter a phone number.



To modify the phone number you have entered :

- Press to erase one digit at a time.
- Press to erase the entire number.
- Entering VR mode : Refer to the Voice service section.

- 2 Press .
The indicator, , appears on the display



- If "CALL FAILED" appears on the display or the line is busy, press to end the call then to dial again.
- If you activate the AUTO RETRY function, the phone will automatically retry for the number of times you have selected. (Refer to page 41)

- 3 Press to end the call.



There is another way to make a call through the VR mode, which is called VAD (Voice Activated Dialing). Please refer to page 53 (Voice Service) for more details.

BASIC FUNCTIONS

PAUSE FEATURE

You can dial or save a phone number with pauses for use in the automated systems where you need to enter a credit card number, a social security number, and so on. This feature will be convenient when you are linked to ARS (Advanced Record System)

- 1 Enter a phone number, then press [MENU].



- 2 Select one desired pause.

In standby mode

- 1 : STORE
- 2 : BY NUMBER
- 3 : HARD PAUSE
- 4 : ONE HYPHEN

In receiving mode

- 1 : STORE
- 2 : SEND PHONE#
- 3 : SCRATCH PAD
- 4 : MUTE
- 5 : VIEW PHONE#
- 6 : HARD PAUSE
- 7 : ONE HYPHEN

(Refer to page 25 for more details on receiving mode menu options.)



Pause Definitions

- To dial or save a phone number with pause functions:
When you select Hard Pause, the next numbers are sent by pressing .

- 3 Press to dial or [MENU] to store.

BASIC FUNCTIONS

ANSWERING A CALL

- 1 To answer a call, press any key except the navigation key,  or .
- 2 Press  to end the call.

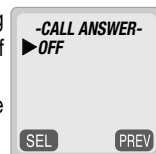


In Auto Answer Mode, a call is automatically answered after a preset number of ring tones.

ANSWERING MACHINE

This function enables you to record a message that plays when you cannot answer an incoming call.

- 1 To activate / deactivate the Answering Machine, press the VR key on the side of the phone twice. You can also press  [MENU]      use the navigation key to select "Off" or "On". Then press  [SEL].



- 2 To record a message for the answering machine, press  [MENU]      "Recording... Press any key to stop." Will be displayed and you will hear "Please record at the tone." Speak clearly into the phone to record your message and press  [STOP] or any digit key to stop the recording.



"Auto Answer" function enables you to answer an incoming call automatically after the number of rings you set.

CALLER ID FUNCTION

Displays the caller's name and phone number, if available, on screen. The name and number will appear as they do in the phone book.



The caller ID is stored in the call log.

BASIC FUNCTIONS

CALL WAITING FUNCTION

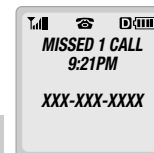
Notifies of another incoming call when you are on the phone by making a beep sound while displaying the caller's phone number on the screen.

- 1 Press  when you want to take the other call. This puts the first call on hold and answers the second call. Press  again to switch back to the first call.

MISSED CALL DISPLAY

- 1 Displays the number of missed calls with the time of the last missed call.

Press  to clear the missed call display.

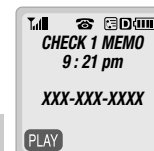


MEMO DISPLAY

This function notifies you that there are some recorded memos in the answering machine.

- 1 Displays the number of voice memos that are recorded in the answering machine.

Press  [PLAY] to play the recorded voice memos.



BASIC FUNCTIONS

ADJUSTING VOLUME

Adjust the volume with the volume buttons on the side of the handset.

1 Volume adjustments are as follows:

- During a call : Earpiece volume.
- Standby mode : Ringer volume.
- When the phone rings : Ringer volume.
- In hands-free car kit : Kit volume. (Press  to mute the ringer when the phone rings).

VIBRATE

Disables the ringer and vibrates the phone to alert you of an incoming call.

1 Press [MENU] and select “Vibrate” to enable the function.

- **MANNER MODE**
Disables the ringer and all keypad tones.
The phone will vibrate to alert you of an incoming call. Press and hold  to activate.

DURING A CALL

SENDING YOUR NUMBER TO A PAGER

Automatically transmits your phone number to a pager during a call without manually entering the number.

1 When you are connected to a pager and are asked to enter your phone number, press [MENU] .

SCRATCH PAD

Stores a new phone number during a call without the calling party hearing the keypad tones.

1 While on a call, press [MENU] .

2 Enter a phone number, press [MENU], then save the phone number in the phone book. (Refer to page 28).

- To unscratch pad, press  [OFF].

MUTE

The caller cannot hear you and any sound from your side, while you can hear his or her voice.

1 Press [MENU] .

- To unmute, press  [OFF].

VIEW PHONE#

Displays your phone number during a call and automatically returns to the receiving mode in five seconds.

1 Press [MENU] .

MAKING AN EMERGENCY CALL

The enhanced 911 feature puts your phone in Emergency Call Mode when you dial the preprogrammed emergency number, 911. It even operates in the lock mode.

911 IN LOCK MODE

The 911 call service is available even in the lock mode.

- 1 Enter "911" and press .



- 2 The call connects.

- 3 The phone exits the Lock Mode in 5 minutes.

When the call ends, the phone returns to the Lock Mode.

911 USING ANY AVAILABLE SYSTEM

- 1 Enter "911" and press .

- 2 The call connects.

- 3 The phone exits the Lock Mode in 5 minutes.

- When the call ends, the phone returns to the Lock Mode.
- The phone continuously attempts to receive service from any available system.

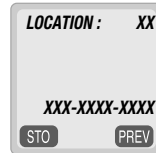
Chapter 3 MEMORY FUNCTIONS

You can save, different numbers in one memory location and make them secret for privacy. The attached voice tags allow VAD (Voice Activated Dialing) through highly sophisticated voice recognition.

STORING A PHONE NUMBER

The phone book stores up to 100 names, each with up to 3 different phone numbers.

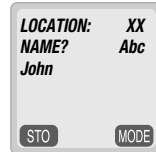
- 1 Enter a phone number (more than 3 digits) you want to store and press [MENU] .



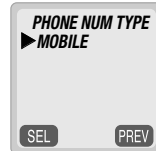
- 2 The next available location number is automatically displayed. Press [STO] to store.

- Enter the location number if you have a specific location number in mind or when you add another phone number to the location already used.
- XX LOCATION IS USED indicates that the location has already stored a phone number.
- Press [STO] to accept the existing name in the location number.

- 3 Enter a name with the digit keys and press [STO]. (Refer to page 29).



- 4 Use the navigation key to select the phone type: mobile/home/office, and press [SEL].



- 5 You can choose to make the entry secret or not. Select "Yes" or "No" and press [SEL].



- 6 You can choose to add a voice tag to the entry for use with Voice Activated Dialing. Select "Yes" or "No" and press [STO]. If you choose yes, "VR mode... Please speak voice tag" will be displayed and you will hear "Name please". Speak the name clearly into the phone. You will "Again" speak the name again into the phone. You will hear "Added" and the phones display will return to standby mode.



ENTERING LETTERS, NUMBERS & CHARACTERS

The input mode indicator appears on the upper right of the display when letters and numbers are entered. Press [MODE] to select the desired input mode among the 4 modes below, then enter the letters and numbers you want.



Text input mode indicator

ABC : ABC (standard) mode

123 : Number mode

Symbol mode

: T9 mode

The following illustrates how to utilize the available functions for each assigned key:

KEY	FUNCTION
Mode	Press to change the modes. [T9Abc][Abc][123][Symbol mode]
[0] Next	Press to view the next matching word if the highlighted word is not the word you intended when in T9 mode.
[#] Space	Press once to accept a word and add a space.
Shift	Press to select the letter case of the standard text input or T9 text input mode. [Abc], [ABC], and [abc] indicate standard text input. [T9Abc], [T9ABC], and [T9abc] indicate predictive text input.
Clear	Press once to delete a character to the left of the cursor or press and hold to delete all characters.
Left, Right	To move the cursor.

ENTERING LETTERS, NUMBERS & CHARACTERS

STANDARD INPUT MODE

Enters letters using the digit keys.

- 1 Input the letters you want to enter using the keypad as follows:

Keypad	1 Time	Repetitions 2 times	Repetitions 3 times	Repetitions 4 times	Repetitions 5 times
1	1	.	@	-	
2ABC	A	B	C	2	...
3DEF	D	E	F	3	...
4GHI	G	H	I	4	...
:	:	:	:	:	:
9WXYZ	W	X	Y	Z	9

You can change the input mode by pressing [MODE].

NOTE There are 10 different characters that can be selected under the 1key. 1,.,@,-,',,,/,,:?,{.

- 2 Press [SPACE] to give a space. The cursor automatically moves to the next column in two seconds.
- 3 Repeat until you enter all the letters you want. There is a 16-digit limit in the Name entry of the phone book.
- 4 Erasing letters:
Press [DEL] to delete one character.
Press and hold [DEL] to delete the entire entry.

Select Abc mode, by pressing [MODE].

When you select this mode, the abc icon appears on the right side of the screen as a visual confirmation.

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

- To enter the name "John":

Press [J] J
Press [2] [ABC] O
Press [4] [DEF] H
Press [6] [GHI] N

LOCATION: XX
NAME? Abc

STO MODE

LOCATION: XX
NAME? Abc

STO MODE

ENTERING LETTERS, NUMBERS & CHARACTERS

T9 INPUT MODE

The T9 input mode incorporates a built-in dictionary to determine a word based on the entered characters. A word can be entered more quickly by pressing a key once per character.

- 1 Select the T9Abc mode with [MODE].
- 2 Press each digit key once to enter the letters you want. A word will be displayed based on your entry.
- 3 Press [NEXT] to view the other matching word.
- 4 Press [ENTER] to accept the word to add a space.

NOTE To write a compound word.
• Write the first part of the word and press the up arrow on the navigation key to accept it.

To write "phone book" in the T9 input mode.

- Press [MODE] to select the T9 input mode and [DOWN] to choose the small letter case (T9abc).

- Press [7] [PQRS] [4] [N] [6] [GHI] [3] [DEF] and you will see "phone" highlighted. Press the up arrow on the navigation key to select it.

- Press [2] [ABC] [6] [GHI] [5] [MN] and you will see "book" highlighted. Press [ENTER] to select the compound word and add a space.

MESSAGE? Abc
Phone book

NEXT 10/150 MODE

ENTERING LETTERS, NUMBERS & CHARACTERS

NUMERIC MODE

This mode allows you to enter numbers.

- 1 Press [MODE] until the current input mode changes to the Numeric mode, indicated by 123 on the right side of the screen.



- 2 Press a digit key to enter that number.

SYMBOL MODE

This mode allows you to enter symbols.

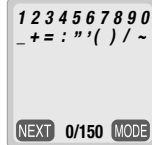
- 1 Press [MODE] until the "Symbol mode" is on.
- 2 Press the number for the symbol you want to enter.

- Use the navigation keys on the side of the handset to view a different line of symbols.

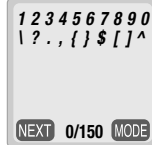
Press ,



Press ,



Press ,



MAKING A CALL THROUGH THE PHONE BOOK

ONE-TOUCH DIALING

Dials a number by simply pressing its location number in the phone book.

01-99 : Press the first digit and press and hold the last digit of a location number in the phone book until the call is connected.



- "Empty Location" will be displayed when there is no available phone number in the location.
- A phone number that is set to secret will not be displayed.
- A call can be made by pressing its location number and .
- "Speed Dial is restricted" will be displayed if Speed Dial is not activated in the menu. (See page 42.)

MEMO

Chapter 4

MENU FUNCTION

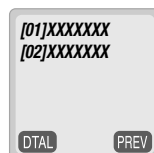
This chapter describes how to access the menu and operate each function and feature to customize your need. Each function will be accessed through the menu and described in easy-to-follow instructions. This chapter will guide you to better understanding of upgraded functions and features, which will maximize the effective use of state-of-the-art technologies.

CALL LOGS

Displays information about the last 10 missed, answered and dialed numbers. Calls are placed to the selected number simply pressing .

MISSED CALLS

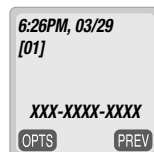
1 Press  [MENU]  .



2 Press  [DTAL] to view the detail of a missed call when the number is highlighted.



Details include date, time, and phone number of missed calls.

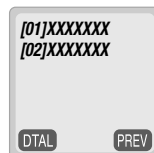


3 Use the navigation key to scroll through the 10 missed calls.

4 Press  to dial the selected phone number of the missed call.

INCOMING CALLS

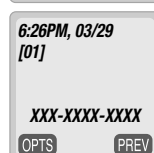
1 Press  [MENU]  .



2 Press  [DTAL] to view the detail of a incoming call when the number is highlighted.



Details include date, time, and phone number of incoming calls.



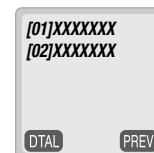
3 Use the navigation key to scroll through the 10 incoming calls to select one.

4 Press  to dial the selected phone number of the incoming call.

CALL LOGS

OUTGOING CALLS

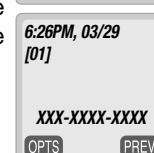
1 Press  [MENU]  .



2 Press  [DTAL] to view the detail of a outgoing call when the number is highlighted.



Details include date, time, and phone number of outgoing calls.

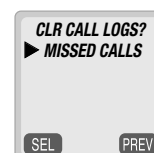


3 Use the navigation key to scroll through the 10 outgoing calls to select one.

4 Press  to dial the selected phone number of the outgoing call.

CLR CALL LOGS

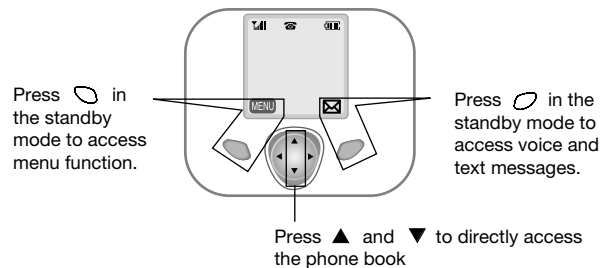
1 Press  [MENU]  .



2 Select one of the following options (MISSED CALLS/INCOMING CALLS/OUTGOING CALLS/ALL CALLS) with the navigation key. Press  [SEL] to select.

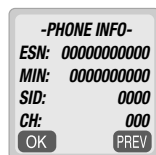
PHONE BOOK

To access the menu in standby mode, press [MENU]. Once you are in the menu, both and functions are shown in the bottom line of the display.



PHONE INFO

- 1 Press [MENU] .



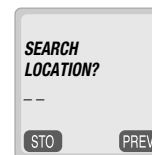
PHONE BOOK

RECALLING BY LOCATION

Allows you to recall a number from the phone book by pressing its location number.

- 1 Press [MENU] .

- 2 Enter a location number.



Use the navigation key instead of entering a location number to search the list of memory locations and press [DTAL] to view the details of a selected number.

- 3 Search a phone number with the navigation key.

- [][] scrolls through the phone book.
- [] edits the memory location.
- [] returns to the previous page.
- [] erases the number.
- [][] scrolls through phone number types of each memory location.

- 4 To dial the selected number, press .

PHONE BOOK

RECALLING BY NAME (ALPHA)

Retrieves a phone book entry by name or its character string and simply makes a call by pressing .

1 Press  [MENU]  .

2 Enter a name or its character string and press  [STO] to sort out and display the searched names in an alphabetical order, regardless of letter case.



3 Search the name you want to call and locate a phone number using the navigation key.

- [▲][▼] scrolls through the phone book.
- [] edits the memory location
- [] returns to the previous page.
- [] erases the number.
- [◀][▶] scrolls through phone number types of each memory location.

4 Press  to dial the searched number.

SETTINGS

AUTO RETRY

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

RETRY TIME

1 Press  [MENU]   .

2 Select a time interval option (off, 3, 5, 7, 10 seconds) using the navigation key. Press  [SEL] to save.

REPEAT

1 Press  [MENU]   .

2 Select the option (1 time, 3 times, 5 times) using the navigation key. Press  [SEL] to save.

AUTO ANSWER

Automatically answers a call after a preset number of rings. An ideal setting for the hands-free car kit.

1 Press  [MENU]  .



2 Select the amount of rings (Off/1 ring/3 rings) using the navigation key. Press  [SEL] to save.

NOTE

This function will not be activated when you select Escalate, Vibrate, Silent, or Ring after Vib as a ring mode.

SETTINGS

SPEED DIAL

Dials a phone number by simply entering its location number.

- 1 Press [MENU] .
- 2 Select “Off” or “On” using the navigation key.
Press [SEL] to save.

BACKLIGHT

Backlights the display and keypad for easy viewing in dark places.

- 1 Press [MENU] .
- 2 Select one of the following options (Off, Off in day, 10seconds, 20 seconds, 30seconds) using the navigation key.
Press [SEL] to save it.

- Off : Turn the backlight off.
- Off in day : Always off in a daytime.
- 10seconds, 20seconds, 30seconds :
Backlight on for 10, 20, or 30seconds respectively after a touch of the keypad.

LCD CONTRAST

The LCD display contrast can be controlled in 7 steps.

- 1 Press [MENU] .
- 2 Adjust the LCD contrast using the navigation key.
- 3 Press [SEL] to save.



SETTINGS

LANGUAGE

Selects the language the phone displays.

- 1 Press [MENU] to select either “English” or “Français”.
- 2 Press [SEL] to save it.



CHANGE BANNER

Changes the banner that displays on the standby/idle screen.
Your banner can have a maximum of 16 characters.

- 1 Press [MENU] .
- 2 Select an input mode by pressing [MODE].
(Please refer to page 31 for more details on entering letters and numbers.)
- 3 Enter a new banner then press [STO].



KEY GUARD

- 1 Press [MENU] .



Press and hold .

- 2 Select either “OFF”, “ON” or “ON POWER-UP”, then press [SEL] to save.

SOUNDS

RING MODE

Alerts you of an incoming call in one of 5 ways.

- 1 Press [MENU] .



- 2 Select one of the following options with the navigation key.

- Ringer
- Ring after Vib : The bell rings after 10 vibrations.
- Silent
- Vibrate
- Escalate : The bell volumes up in 5 steps.

- 3 Press [SEL].

RING TYPE

Select a ring type to alert you of an incoming call:

- 1 Press [MENU] .



- 2 Select one of 13 available ring types.

- Tones (1-6).
- Melodies (7-13).

- 3 Press [SEL].

SOUNDS

KEY BEEP

This function enables you to control the keypad tone volume.

- 1 Press [MENU] to adjust the keypad volume.



The keypad tone will not be heard when the low battery alert has been sounded.

- 2 Adjust the keypad tone volume with the navigation key.

- 3 Press [SEL].

DTMF LENGTH

- 1 Press [MENU] .



- 2 Select "SHORT" or "CONTINUOUS" with the navigation key.

- 3 Press [SEL].

TIMERS

Checks the talk time and manages your calls within the limit you set.
The five timers include:

LAST CALL

Displays talk time of last call.

1 Press [MENU] .

ALL CALLS

Displays talk time of all incoming and outgoing calls, excluding web access calls.

1 Press [MENU] .

HOME CALLS

Displays talk time of all calls made within Home area.

1 Press [MENU] .

ROAM CALLS

Displays talk time of all roaming calls.

1 Press [MENU] .

LIFETIME

Displays total amount of talk time over lifetime.

1 Press [MENU] .

SPECIAL

SCHEDULE

This function organizes and tracks your schedule.

LIST ALL

Lists and displays all inputted schedules.

1 Press [MENU] .

Pressing [DTAL] displays schedule details.

VIEW CALENDAR

Shows a month's calendar and allows you to input a schedule with alarm.

1 Press [MENU] .

2 Select a date in the calendar and press [SEL].

[] / [] - moves to next week within month.
[] / [] - move to next month.
[] / [] - move to next day/move to next month from last day.

Digit Key - move to that day

3 Select one of the following options using the corresponding number.

1. RECURRENCE
2. EVENT NAME
3. PHONE NUMBER
4. SET ALARM

4 The event name and date will be displayed. You can set the time of day and time and press [OK].

PAUSE ALL

Places all schedules on hold.

1 Press [MENU] .

2 Select "Yes" or "No" with the navigation key and press [SEL].

SPECIAL

STOPWATCH

1 Press [MENU] .

2 Press [STA] / [PREV] to use the stopwatch.

Press [STA/STOP].
Press [SPL/INIT].
Release /Initial/Previous.
The time is displayed in a 100th unit of a second.

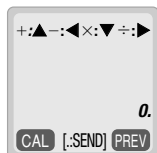


3 Press to exit and return to the display and change to standby screen.

CALCULATOR

This function enables you to add, subtract, multiply and divide.

1 Press [MENU] .



2 To use the calculator.

Definitions

+ : [▲], - : [◀], × : [▼], ÷ : [▶]

You can enter up to 8 integer digits.

There is no way to enter a decimal point.

To express a negative number, you subtract its absolute value from 0.

To calculate $128 \times 32 =$

1. Enter 128

2. Press [▼]

3. Enter 32

4. Press [CAL] to calculate it.

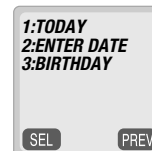
SPECIAL

BIORHYTHM

Provides your physical, emotional and intelligent condition for today or someday. You will have input your birthday before using this function.

1 Press [MENU] .

2 Press "BIRTHDAY".
Enter your birthday in year/ month /day, and then press [OK].



3 Select "Today" to check out your biorhythm for today or "Someday" to check out your biorhythm for a specific day.

- The biorhythm functions only when the phone can synchronize with the network system.
- You cannot enter a date earlier than your birthday to check out the biorhythm for the specific date.
- You cannot enter a birthday later than today.



What is the biorhythm?

Biorhythm is a life rhythm that consists of three rhythm curves, which are a physical, emotional and intelligent ones. The rhythm will match up to your condition from birth to death.

How does it work?

You will see a physical, emotional, and intelligent quotient with a number indicating how many days have passed from birth to date. The biorhythm is displayed on the upper portion of the screen.

1 Physical rhythm

The physical rhythm controls your physical condition in a cycle of 23 days, such as resistance to diseases, muscle strength, agility, speed, physiology, and so on.

2 Emotional rhythm.

The emotional rhythm manages creativity, sensitivity, recognition and human nature in a cycle of 28 days.

3 Intelligent rhythm.

The intelligent rhythm affects our susceptibility to fright, acceptance of knowledge, logical and analytic power, and memory in a cycle of 33 days.

ALERTS

MINUTE BEEP

Sounds an alert every minute of a phone call.

1 Press [MENU] .

2 Select "OFF" or "ON" with the navigation key and press [SEL] to save it.

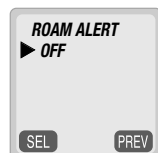


ROAM ALERT

Sounds an alert when leaving a service area and entering a roaming service area.

1 Press [MENU] .

2 Select "OFF" or "ON" with the navigation key and press [SEL] to save it.



FADE ALERT

Sounds an alert entering an area where calls cannot be made due to weak signal strength. The alert sounds in standby mode.

1 Press [MENU] .

2 Select "OFF" or "ON" with the navigation key and press [SEL] to save it.



ALERTS

LOW SIGNAL ALERT

Sounds an alert when you encounter low signal strength during a call.

1 Press [MENU] .

2 Select "OFF" or "ON" with the navigation key and press [SEL] to save it.



CONNECT ALERT

Notifies you that a call has been successfully placed.

1 Press [MENU] .

2 Select one of the following option OFF, LOW, MID, HIGH with the navigation key. Press [SEL] to save it.



- LOW : Calm Alert.
- MID : Moderate Alert.
- HIGH : Loud Alert.
- OFF : Alert Off.

DATA / VOICE

The CDM8150 phone allows for data service and voice recognition with various enhanced features.

DATA SERVICE

RECEIVE MODE

- 1 Press [MENU] .



- 2 Select one from VOICE, DATA or FAX with the navigation key and press [SEL].

- VOICE : In use of the phone.
- DATA : For use of data.
- FAX : In use of a fax.

FLOW CONTROL

Controls data flow when data service is received.

- 1 Press [MENU] .



- 2 Select either HARDWARE or SOFTWARE with the navigation key and press [SEL] to save it.

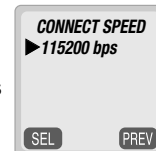
- HARDWARE : Hardware flow control.
- SOFTWARE : Software flow control.
- (RECOMMEND : Hardware flow control).

DATA / VOICE

CONNECT SPEED

This function controls the transmission speed between your phone and your PC.

- 1 Press [MENU] .



- 2 Select 19200, 115200, 230400 bps with the navigation key and press [SEL] to save it.

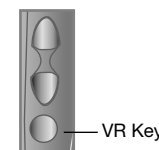
VOICE SERVICE

This function is one of the advanced features in this model. Voice service makes it possible to make a call through your voice in a variety of ways. To make a call, you can say a recorded tag or name of the phone book, speak a phone number digit by digit, or simply say, "REDIAL". You are allowed to set the VR in "BEGINNER MODE" or "EXPERT MODE" depending on your preference. The VM (Voice Memo) available in the voice service allows you to record your voice messages and helps you set the AUTO ANSWERING. The voice service also allows you to train the VR (Voice Recognition) mode for better recognition of your voice commands.

START VR

The VR (Voice Recognition) enables you to call a phone number through your voice and to record your voice memos.

- 1 Press [MENU] .
You can also press the VR key once and wait until your phone turns to VR mode.



- 2 The display on the right will appear when you select START VR and you will hear "Main Menu"



You are expected to say a recorded voice tag or command. If you do not say anything, the VR times out and plays the second prompt. VR mode will quit if you keep silent after the third prompt.

DATA / VOICE

START VR ("NAME")

- 1 Press [MENU] .
You can also press the VR key once and wait until your phone turns to VR mode.
You will be prompted, audibly, to speak a name ,or say dial, redial, voice memo, phone book, or cancel.

- 2 Say a recorded name or tag in the VR mode and you will see the number dialed with the name on the display.



- 3 If you do not speak clearly enough, you will be asked to confirm the name. "Did you say [Name]" will be asked. Say yes if the name is correct. If it is not correct, say no. The call will be originated when you remain silent or say "Yes". The call will be aborted and the VR mode returns when you say " No".

DATA / VOICE

START VR ("DIAL")

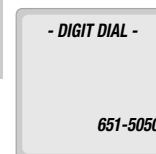
- 1 Press [MENU] , or press VR key once and wait until your phone turns to VR mode.

- 2 Say "DIAL" to speak each digit of a phone number. The display on the right will be displayed.

Depending on the prompt mode, expert or beginner, you will hear a different set of prompts that follows. You can hear the second prompt when nothing is said.



- 3 Say each digit of the phone number.



- 4 Say "Dial" when you have entered the entire number.

The entire number is repeated.

In the beginner mode, you will be prompted, audibly, to verify, cancel, clear, or call the number you just spoke. Verify will repeat the number back to you. Clear will clear one digit. Say clear again and you will be asked if you want to clear all. Call will dial the number.

In expert mode, Digit Menu is all that will be heard. Say verify, cancel, clear or call to perform the desired function. This mode will not prompt you with these functions.

DATA / VOICE

START VR ("REDIAL")

- 1 Press [MENU] , or press VR key once and wait until your phone turns to VR mode.

- 2 Say "Redial" in the VR mode to dial the last dialed number.

You have 2 seconds to confirm that the call is directed to the right number.

**-REDIAL-
CALLING...
JOHN SMITH
720-6666**

- 3 The call will be originated when you remain silent or say "Yes". The call will be aborted and the VR mode returns when you say "No".

DATA / VOICE

START VR ("VOICE MEMO")

- 1 Press [MENU] , or press VR key once and wait until your phone turns to VR mode.

**- VOICE MEMO -
Start...**

- 2 Say "Voice Memo". The screen to the right will be displayed.

**Please...
begin recording
after the prompt
tone**

- 3 Press [STOP] or any key to stop recording the memo. Begin speaking clearly into the phone. You can record up to 1 minute.

**Recording...
Press any key to
stop
0 : 59**

STOP PAUS



Press [PAUS] to pause, then press [RESU] to resume.

- 4 You can PLAY, RE-RECORD, or SAVE after recording a voice memo.

**- VOICE MEMO -
1:PLAY
2:RE-RECORD
3:SAVE**

SEL PREV



To start "Voice Memo "

- Press [MENU] .
- Press the VR key and [VM] in a row.
- Press the VR key and say "Voice Memo".

START VR ("PHONE BOOK")

- 1 Press [MENU] , or press VR key once and wait until your phone turns to VR mode.

Listing Voicetags...

- 2 Say "Phone book" in the VR mode.

The list of phone book entries with a voice tag will be displayed and played when you remain silent or say Yes .
The phone returns to the VR mode when you say No .

-PHONE BOOK-

Kim

720-6666

- 3 Say the name of the phone book entry.



You can make a call to a phone number if you have attached a voice tag to the phone number and say "Yes" while the voice tag is being played.

START VR ("CANCEL")

- 1 Press [MENU] , Or press VR key once and wait until your phone returns to VR mode.
- 2 Say "Cancel" to exit the VR mode and return to the standby mode.

VR SETTING ("PROMPT MODE")

Use the prompt mode to select either beginner or expert mode.
The expert mode consists of shorter texts and just beeps as opposed to the beginner mode that gives full instructions.

- 1 Press [MENU] .



- 2 Select either Beginner/Expert with the navigation key.
Press [SEL].

<Beginner mode>

1st prompt : Main menu followed by a short beep.

2nd prompt : Speak a name to call, or say dial, redial, voice memo, phone book, or cancel , followed by a short beep.

<Expert mode>

1st prompt : A sequence of low tone and high tone.

2nd prompt : Main menu .



The VR times out and the phone returns to the standby mode after the 1st and 2nd prompts are heard, when nothing is said.

DATA / VOICE

VR SETTING ("DIGIT MODE")

Use the digit mode to select one of the following options ; ECHO, BEEP, ECHO+BEEP.

- 1 Press [MENU] .



- 2 Select one option with the navigation key and press [SEL].

ECHO : A digit echoes back when you enter the digit in the VR mode.
BEEP : A digit just beeps when you enter the digit in the VR mode.
ECHO+BEEP : A digit echoes and beeps when you enter the digit in the VR mode.

VR SETTING (HFK SETTING)

HFK stands for Hands-Free Car Kit. With this function, you can activate and utilize the VR feature when the phone is in the hands-free car kit.

- 1 Press [MENU] .



- 2 Select "Off" or "On" with the navigation key and press [SEL].

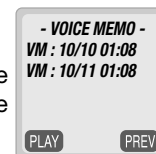


Make sure to turn on the HFK setting in order to activate the key word "WAKE-UP" in the hands-free car kit.

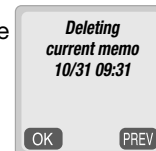
DATA / VOICE

START VMEMO ("LIST")

- 1 Press [MENU] to list voice memos.
You must have at least one saved voice memo to see the voice memo menu.



- 2 The key is used to delete the selected voice memo in the list.



- 3 Select one from the list of voice memos with the navigation key. Press [PLAY] to play it.



Icons in the voice memo list

VM : A voice memo recorded by user.
AM : A recorded memo in Answering machine that you have already checked.
 : A recorded memo in Answering machine that you have not checked yet.



Recording limitation :

You have a limit of 10 voice memos including those in Auto Answering. Each voice memo has the time limit of 60 seconds.

DATA / VOICE

START VMEMO ("RECORD")

- 1 Press [MENU] to record a voice memo.

Recording...
Press any key to stop

0 : 50

STOP PAUS

Pause...
recording
the current memo

RESU EXIT

- NOTE** Press [PAUS] to pause, then press [RESU] to resume.

- 2 Press [STOP] or any key to stop recording a memo.

- VOICE MEMO -
1:PLAY
2:RE-RECORD
3:SAVE

SEL PREV

PLAY : Play back the recording.
RE-RECORD : Override the current recording.
SAVE : Save the recording.

- NOTE** Only the maximum length is to be recorded when you use all 60 seconds to record a memo and see the message "Max limit of recording was reached".

DATA / VOICE

START VMEMO ("ERASE ALL")

- 1 Press [MENU] to erase all voice memos in the list.
 - 2 Press [OK] to erase all voice memos or press [PREV] to return to the previous page.
- OK : Proceed to erase all the voice memos.
PREV : Return to the previous page.

Removing all voice memos Proceed?

OK PREV

VMEMO SETTING ("CALL ANSWER")

This function helps you operate the answering machine in a way that best suits your needs.

- 1 Press [MENU] .
- 2 Select one of the following options with the navigation key and press [SEL].

- CALL ANSWER -
1:ON/OFF
2:GREETING
3:CALL SPEAKER
4:WAIT TIME

SEL PREV

ON/OFF : Turns the Auto Answering machine on/off.
GREETING: You have the maximum 30 seconds to record a greeting.
CALL SPEAKER ON (OFF): change recorded to recording
WAIT TIME : No Ringer, 5s, 10s, 18s. The answering machine will be operated in a specific time.

Icons in the stored memo list

- ☒ : A recorded memo in Answering machine that you have not checked yet.
- ☐ : A recorded memo in Answering machine that you have already checked.



AUTO RECEIVER

This function enables you to answer an incoming call by pressing during the recording of answering machine as well as to access to the answering machine recording by pressing VAD key, provided the bell is set long.

DATA / VOICE

VMEMO SETTING ("VMEMO QUALITY")

This function allows you to prioritize either quality or size of voice memos.

- 1 Press [MENU] .



- 2 Select either "Compact size" or "Superior quality" with the navigation key and press [SEL].

COMPACT SIZE : Takes as little space as possible with standard quality.
SUPERIOR QUALITY : Takes as little space, but has better quality.

TRAIN CMDS ("YES/NO SET")

Use the Yes/No set to train or untrain the VR with the control words, yes and no.

- 1 Press [MENU] .



- 2 Select one of the following options with the navigation key and press [SEL].

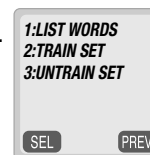
LIST WORDS : Display the list of control words in the Yes/No set. You will select a control word from the list, select , and follow the voice prompts to train the VR to recognize your control word.
 Or you will untrain the VR and view the status of the control word.
TRAIN SET : Train the VR to recognize your voice.
UNTRAIN SET : Untrain the VR not to recognize your voice.

DATA / VOICE

TRAIN CMDS ("WAKEUP SET")

Use the Wake-Up set to train or untrain the VR with your control word.

- 1 Press [MENU] .



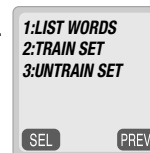
- 2 Select one of the following options with the navigation key and press [SEL].

LIST WORDS : Display the list of control words in the Wake-Up set. You will select a control word from the list, select , and follow the voice prompts to train the VR to recognize your control word.
 Or you will untrain the VR and view the status of the control word.
TRAIN SET : Train the VR to recognize your voice.
UNTRAIN SET : Untrain the VR not to recognize your voice.

TRAIN CMDS ("TOP LEVEL SET")

Use the Top Level set to train or untrain the VR with your control words.

- 1 Press [MENU] .



- 2 Select one of the following options with the navigation key and press [SEL].

LIST WORDS : Display the list of control words in the Top-Level set. You will select a control word from the list, select , and follow the voice prompts to train the VR to recognize your control word.
 Or you will untrain the VR and view the status of the control word.
TRAIN SET : Train the VR to recognize your voice.
UNTRAIN SET : Untrain the VR not to recognize your voice.

DATA / VOICE

TRAIN CMDS ("DIGIT SET")

Use the Digit set to train or untrain the VR with the control words related to the digits.

- 1 Press [MENU] .

1:LIST WORDS1
2:LIST WORDS2
3:TRAIN SET
4:UNTRAIN SET

SEL PREV

- 2 Select one of the following options with the navigation key and press [SEL].

LIST WORDS (1),(2) : Display the list of control words in the Digit set. You will select a control word from the list. Select or , and follow the voice prompts to train the VR to recognize your control word.
Or you will untrain the VR and view the status of the control word.

TRAIN SET : Train the VR to recognize your voice.
UNTRAIN SET : Untrain the VR not to recognize your voice.

DATA / VOICE

OTHERS ("LIST V-TAGS")

Use the List Vtags to list all the voice tags in your phone book.

- 1 Press [MENU] .

Listing voicetags...

- 2 Lists all the voice tags in your phone book and displays a phone number and a name on the screen while a voice tag is played.

-PHONE BOOK-
John
XXX-XXX-XXXX

OTHERS ("CLEAR V-TAGS")

Use the Clear Vtags to remove not only all the voice tags, but also their phone book entries.

- 1 Press [MENU] .
- 2 Press [OK] or [PREV] to proceed or return to the previous page.

OK : Delete all the voice tags.
EXIT : Return to the previous page.

Removing all voice tags Proceed?

OK PREV

OK : Delete all the phone book entries as well as all voice tags.
PREV : Return to the previous page.

Delete all tagged book entries too?

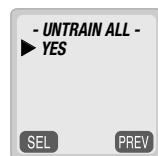
OK EXIT

DATA / VOICE

OTHERS ("UNTRAIN ALL")

Use the Untrain All to untrain all trained commands.

- 1 Press [MENU] .

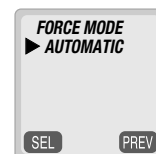


- 2 Select "Yes" or "No" with the navigation key and press [SEL].

SYSTEM INFO

NETWORK

- 1 Press [MENU] .



- 2 Select either Automatic or Home Only with the navigation key and press [SEL].

CHANGE NAM

Changes the NAM (Number Assignment Modules) used by the phone when you have multiple registrations.

- 1 Press [MENU] .



- 2 Select either NAM 1 or NAM2 with the navigation key and press [SEL].

SYSTEM INFO

FORCE ANALOG

Temporarily forces phone to use Analog mode – mode automatically ends in 10 minutes.

- 1 Press [MENU] .



- 2 Select either 1CALL OR 10MIN or NO with the navigation key and press [SEL].

VERSION INFO

Displays the version of your phone.

- 1 Press [MENU] .



WEB (DOWNLOADS)

DOWNLOAD RING TONES & IMAGES

- 1 Press [MENU] to access WEB menu.
- 2 Select “Downloads” using the Navigation key and press [SEL].
- 3 Press to select “Get New”.
- 4 Using the soft keys and the Navigation key, follow the prompts to download compatible ringtones.

VIEW & SELECT STORED RING TONES

- 1 Press [MENU] to access WEB menu.
- 2 Select “Downloads” using the Navigation key and press [SEL].
- 3 Press to select “Manage”.
- 4 Press to select ringtones.
- 5 Choose a ringtone using the Navigation key & press [SEL] to confirm.

VIEW & SELECT STORED IMAGES

- 1 Press [MENU] to access WEB menu.
- 2 Select “Downloads” using the Navigation key and press [SEL].
- 3 Press to select “Manage”.
- 4 Press to select images.
- 5 Choose an image using the Navigation key & press [SEL] to confirm.

WEB (DOWNLOADS)

PROMPT

- 1 Press  [MENU]  to access WEB menu.
- 2 Select "Prompt" using the Navigation key and press  [SEL].
- 3 Select one of the following connection modes with the Navigation key.
- 4 Press  [SEL] to save.



- None - Notice message doesn't display at connection or disconnection.
- To Start - Notice message displays at connection.
- To End - Notice message displays at disconnection.
- Both - Notice message displays at both.

Chapter 5

SECURITY FEATURES

This chapter will show you the ways to impose various kinds of restrictions on calls to avoid any unintended use by others. You will also learn how to put restrictions on the features. Inadvertent use could result in the loss of data in your phone book and give rise to unwanted changes to your customized features.

LOCKING YOUR PHONE

LOCK PHONE

Prevents others from using your phone without permission.
When locked, no one can access the menu.

- 1 Press [MENU] and enter your password.
Then press .



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

- 2 Select one of the following options with the navigation key and press [SEL].

ON POWER-UP : Lock your phone whenever it is turned on.
OFF : Unlock your phone and leave it unlocked.
ON : Lock your phone as it is.



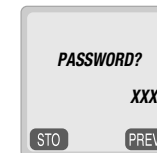
Making an emergency call, receiving an incoming call, and an alarm function are possible and working, even if your phone is locked.

CHANGING YOUR CODE

CHANGE CODE

Changes your 4-digit password

- 1 Press [MENU] and enter your password.
Then press .



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

- 2 Enter a new password and press [STO].



- 3 Enter the new password again and press [STO].

RESTRICTING YOUR PHONE

When active, this function prevents unauthorized use of your phone.

RESTRICT

This function enables to avoid the unauthorized use of your phone and the change of settings. There are 5 different restriction modes available.

- 1 Press [MENU] and enter your password, then press .



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

- 2 Select "Yes" to enable the restriction with the navigation key and press [SEL].

INCOMING CALLS

Blocks all incoming calls but allows outgoing calls to be placed.

- 1 Press [MENU] enter your password, then press . Select "Yes" and press [SEL].



- 2 Press to select Incoming.

- 3 Select "Allow" or "Restrict" with the navigation key.

RESTRICT : Restrict an incoming call.
ALLOW : Allow an incoming call.

- 4 Press [SEL].

RESTRICTING YOUR PHONE

OUTGOING CALLS

Blocks all outgoing calls except emergency calls from being placed, but allows incoming calls to be answered.

- 1 Press [MENU] enter your password, then press . Select "Yes" and press [SEL].



- 2 Press to select Outgoing

- 3 Select "Allow" or "Restrict" with the navigation key.

RESTRICT : Restrict an outgoing call.
ALLOW : Allow an outgoing call.

- 4 Press [SEL].

PHONE BOOK

Blocks access to, and protects data in your phone book.

- 1 Press [MENU] enter your password, then press . Select "Yes" and press [SEL].



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

- 2 Press to select Phone book.

- 3 Select "Allow" or "Restrict" with the navigation key.

RESTRICT : Restrict access to the phone book.
ALLOW : Allow access to the phone book.

- 4 Press [SEL].

RESTRICTING YOUR PHONE

900 #'S

Restricts calling 900 dial service numbers.

- 1 Press [MENU] enter your password, then . Select "Yes" and press [SEL].



- 2 Press to select 900 numbers
- 3 Select "Allow" or "Restrict" with the navigation key.

RESTRICT : Restrict a 900-dial service.
ALLOW : Allow a 900-dial service.

- 4 Press [SEL].



You will see "This phone is restricted" on the display when you make a restricted call.

RESETTING YOUR PHONE

RESET

Resets phone to default settings.

- 1 Press [MENU] , enter your password and press .



- 2 Select "Yes" or "No" with the navigation key. Press [SEL].

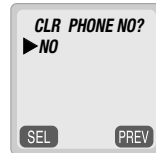
When you select Yes, you will see Reset on the display, and your phone will return to standby mode.

CLEARING YOUR MEMORY

CLEARING THE PHONE BOOK

Clears all phone book entries.

- 1 Press [MENU] enter your password.
Press .



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

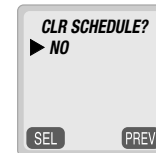
- 2 Select "Yes" or "No" with the navigation key.
Press [SEL].

CLEARING YOUR MEMORY

CLEARING SCHEDULES

Clears all schedules.

- 1 Press [MENU] enter your password.
Press .



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

- 2 Select "Yes" or "No" with the navigation key.
Press [SEL].

MEMO

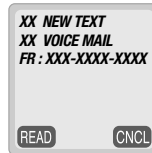
Chapter 6

VOICE MAIL AND TEXT MESSAGE

This chapter describes the function that sends and receives text messages and supports voice mail notification. We suggest that you go through all the messaging features available to your phone.

WHEN A NEW MESSAGE ARRIVES

- 1 The following display appears when a new message arrives.



- 2 Press [READ] to display the received message.



VOICE MAIL

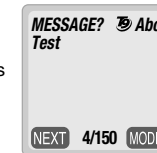
Displays the number of voice mails and accesses them by pressing [READ].

- 1 To access your voice mailbox, press or press and hold .

SEND NEW

To send a new message:

- 1 Press .
- 2 Input the phone number and press [NEXT].
- 3 Input the text message and press [NEXT].
(Please refer to page 31 for more details on entering letters and numbers.)



1. SEND

- 1 Press to send the text message.

If Delivery Failed Retry in 3 mins? appears, press [OK] to select Auto Retry.



2. EDIT RECIPIENT

Edits the recipient's information – select if a wrong number is entered.

- 1 Press to change the recipient.
- 2 Input a new phone number, and press [NEXT].
- 3 Input a new text message, and press [NEXT].
- 4 Press to send.



SEND NEW

3. EDIT MESSAGE

Edits messages.

- 1 Press **3rd** to change the text message.

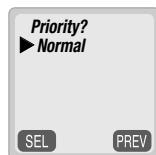
- 2 Input a new text message, and press **0** [NEXT].



4. PRIORITY

Marks messages urgent.

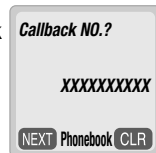
- 1 Press **4th** to send an urgent message. Select "Normal" or "Urgent" with the navigation key and press **0** [SEL].



5. CALL BACK

Allows you to input a specific call back number. Your phone number is the default.

- 1 Press **5th** to change the call back number.
- 2 Input a call back number and press **0** [NEXT].



6. SAVE

This allows you to save the message to use later.

- 1 Press **6th** to save the text message.



7. DELIVERY ACK

When activated, this feature confirms if the message was successful delivered.

- 1 Press **7th** to confirm that your message was delivered. Select "Yes" or "No" with the navigation key.
- 2 Press **0** [SEL].



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INBOX

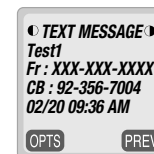
Manages received text messages.

- 1 Press **0** and **3rd**.

⚠ : Urgent New Msg
 ✉ : New Msg (unread)
 ✉ : Old Msg (read)
 ✉ : Lock (read)



- 2 Select a message and press **0** [SEL].
 The message is displayed.



- 3 Then press **0** [OPTS].

1. REPLY

- 1 Press **1st** to reply to the text message.



- 2 Type your reply and press **0** [NEXT].
 (See page 29 for more information on entering letters, numbers and characters.)

2. ERASE

- 1 Press **2nd** to erase the text message.
- 2 Press **0** [YES] when you see "Erase This Message?".



87

INBOX

3. FORWARD

- 1 Press  to forward the text message. Input a phone number and a text message.



4. SAVE

- 1 Press  to save the received text message in the "Filed" Folder.



5. SAVE ADDRESS

- 1 Press  to save the call back number of the message into the phone book.

6. LOCK & UNLOCK

- 1 Press  to lock or unlock the text message.
- 2 Select "Lock" or "Unlock" with the navigation key. Then press  [SEL].



7. REPLY & COPY

- 1 To reply to the text message with copy, press .
- 2 Type your reply and press  [SEL].

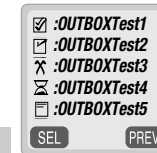
OUTBOX

Manages sent text messages.

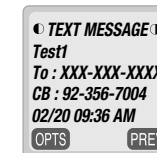
CHECKING SENT TEXT MESSAGES

- 1 Press  . Select a message with the navigation key. Then press  [SEL].

: Pending to be sent later
: Not delivered
: Sent to BS
: Successfully delivered
: Not send



- 2 The text message is displayed.



- 3 Then press  [OPTS].

1. RESEND

- 1 Press  to resend the text message.



2. ERASE

- 1 Press  to erase the text message and press  [YES].



OUTBOX

3. SEND TO

- 1 Press **[5*]** to send the message to another person.



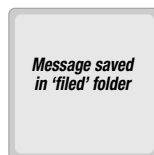
- 2 Input phone number and press **[NEXT]**.



- 3 Input any message and press **[NEXT]**.

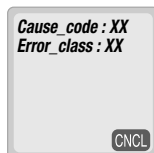
4. SAVE

- 1 Press **[4*]** to save the sent text message in the "Filed" folder.



5. STATE

- 1 Press **[5*]** to display the state of the sent message.

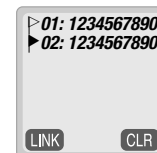


WEB ALERT

WEB ALERT

An alert is a small message that is pushed to the client in order to notify subscriber of important information.

- 1 Press **[5*]** **[5*]**.



- 2 Select message with the navigation key and press **[LINK]**, linked the URL address.

[] : Unread Message.
[] : Read Message.
LINK : Connecting Selected Site.
CLR : Erase Selected Message.

SETTINGS

Manages messaging features through various features.

SAVE SENT MESSAGES ?

Saves every sent message.

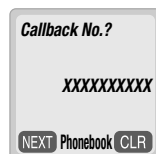
- 1 Press .
- 2 Press .
Select Yes/NO/Prompt with the navigation key.
Press [SEL].



DEFAULT CALL BACK NUMBER

Edits a default call back number so that the recipient can call back or reply.

- 1 Press .
- 2 Press .
Input a call back number.
Then press [NEXT].



MESSAGE ALERT

Selects the type of ringer the phone uses to remind you of an incoming message.

- 1 Press .
- 2 Then press .
Select one from the Ringer/Silent/Vibrate/Vibrate & Remind/Ringer & Remind with the navigation key.



Ringer & Remind or Vibrate & Remind rings or vibrates as you set every 2 minutes to remind you of an incoming message. Those two selections will be cleared when any key is pressed.

- 3 Press [SEL].

SETTINGS

DELIVERY ACK

Activates Delivery Acknowledgement to confirm delivery or messages.

- 1 Press .
- 2 Then press .
Select "Yes" or "No" with the navigation key and press [SEL] to save it.



AUTO ERASE

Automatically erases inbox/outbox messages when new messages arrive.

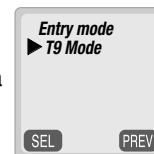
- 1 Press .
- 2 Select "Inbox" or "Outbox" with the navigation key.
- 3 Select "Disabled" or "Old Inbox" with the navigation key.
- 4 Press [SEL].



ENTRY MODE

Sets an Entry Mode as a default. The T9 mode indicator will appear whenever the input mode is activated if the T9 mode is set as a default.

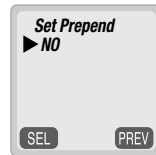
- 1 Press .
- 2 Then press .
Select "T9 Mode" or "Alpha Mode" with the navigation key.
- 3 Press [SEL].



SETTINGS

SET PREPEND

- 1 Press .
- 2 Then press .
Select "YES" or "NO" with the navigation key.
- 3 Press [SEL].

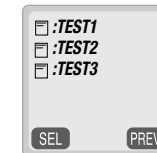


FILED

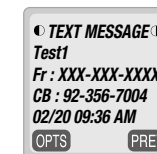
FILED

Manages saved messages from the Inbox/Outbox.

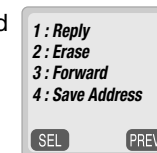
- 1 Press .
Select a text message with the navigation key.
Press [SEL].



- 2 The text message is displayed.
Press [OPTS].



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



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



- 4 Select one by pressing the corresponding digit key.

ERASE MESSAGES

Erases all the messages from the Inbox, Outbox or Filed folder.

ERASE MESSAGES

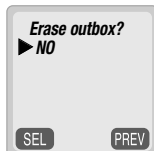
1 Press  .



2 Press  to erase the inbox messages.
Select "No" or "Old Inbox" or "Entire Inbox" with the navigation key.



Press  to erase the outbox messages.
Select "Yes" or "No" with the navigation key.



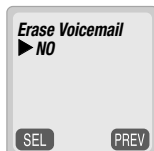
Press  to erase the Web Alerts messages.
Select "Yes" or "No" with the navigation key.



Press  to erase the filed messages.
Select "Yes" or "No" with the navigation key.



Press  to erase the Voice Mail messages.
Select "Yes" or "No" with the navigation key.



3 Press  [SEL] to save it.

Chapter 7 WEB BROWSING

This chapter describes the function that allows you to access a variety of websites and enjoy Internet services through your phone. Please contact your service provider for more details on the web browsing.

START INTERNET BROWSER

ACCESS THE INTERNET

- 1 To start your Internet browser and access websites through your wireless handset press and hold **WEB**.



BROWSER MENU

The browser menu lists the actions necessary to operate the browser. Press and hold **WEB** to access the browser menu.

RELOAD

- 1 To reload the current page, press and hold **WEB**, then press **1**.

HOME

- 1 To display the homepage, press and hold **WEB**, then press **2**.

BROWSER MENU

BOOKMARKS

- 1 To view your bookmark list, press and hold **WEB**, then press **3**. This provides easy website access without entering its URL.



MARK SITE

- 1 To add the current page to your bookmark list, press and hold **WEB**, then press **4**.

No bookmark service site is displayed when the Internet site cannot support the bookmark service.

ABOUT OPENWAVE

- 1 To view the browser version and copyright information, press hold **WEB**, then press **5**.

BROWSER MENU

ADVANCED...

- 1 To display the following Advanced menu, press and hold , then press .

SHOW URL

- 1 To display the URL (Uniform Resource Locator) of the current page, press . The URL is the address of a website.

HOMEPAGE

- 1 To change your homepage, press . This is the first page you will see when you access the Internet.

OFFLINE SERVICES

- 1 To navigate through the list of installed channel applications and guide you to the entry point of the applications, press .

BROWSER MENU

OUTBOX

- 1 To display the number of items that are delivery-pending and how long they have been there, press .

RESTART BROWSER

- 1 To clear the history of viewed pages and start a new session with Browser, press .

ENCRYPTION

- 1 Press  to access security.

MEMO

Chapter 8

SAFETY AND WARRANTY

This chapter outlines the guidelines and precautions for the safety that comes before the optimum use of your cellular phone. Please make sure to be aware of all the details about the safety to operate your phone in the way that you are supposed to.

SAFETY INFORMATION FOR WIRELESS HANDHELD PHONES

Read This Information Before Using Your Handheld
Portable Cellular Telephone

EXPOSURE TO RADIO FREQUENCY SIGNALS

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

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

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

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

The design of your phone complies with the FCC & Industry Canada 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 & Industry Canada regulations.

1* : American National Standards Institute.
2* : National Council on Radiation protection and measurements.
3* : International Commission on Nonionizing Radiation Protection.

SAFETY INFORMATION FOR WIRELESS HANDHELD PHONES

DRIVING SAFETY

Talking on the phone while driving is extremely dangerous and is illegal in some states. Remember, safety comes first. Check the laws and regulations on the use of phones in the areas where you drive. Always obey them.

Also, if using your phone while driving, please:

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

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

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



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

SAFETY INFORMATION FOR WIRELESS HANDHELD PHONES

ELECTRONIC DEVICES

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

PACEMAKERS

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

Persons with pacemakers :

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

OTHER MEDICAL DEVICES

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

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

POSTED FACILITIES

Turn your phone OFF where posted notices so require.

SAFETY INFORMATION FOR WIRELESS HANDHELD PHONES

OTHER SAFETY GUIDELINES

AIRCRAFT

FCC and Transport Canada Regulations prohibit using your phone while in the air. Turn your phone OFF 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 gas stations; below deck on boats; fuel or chemical transfer or storage facilities; vehicles using liquefied petroleum gas (such as propane or butane); areas where the air contains chemicals or articles, such as grain, dust, or metal powders; and any other area where you would normally be advised to turn off your vehicle's engine.

SAFETY INFORMATION FOR WIRELESS HANDHELD PHONES

PRECAUTIONS

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



DO NOT use this equipment in an extreme environment where high temperature or high humidity exists.



DO NOT abuse the equipment. Avoid striking, shaking or shocking. When not using, lay down the unit to avoid possible damage due to instability.



DO NOT expose this equipment to rain or spilled beverages.



DO NOT use unauthorized accessories.



DO NOT disassemble the phone or its accessories. If service or repair is required, return unit to an authorized Audiovox cellular service center. If unit is disassembled, the risk of electric shock or fire may result.



DO NOT short-circuit the battery terminals with metal items etc.

AUDIOVOX 12 MONTH LIMITED WARRANTY

Audiovox Communications Corp. (the Company) warrants to the original retail purchaser of this Audiovox handheld portable cellular telephone, that should this product or any part thereof during normal consumer usage and conditions, be proven defective in material or workmanship that results in product failure within the first twelve (12) month period from the date of purchase, such defect(s) will be repaired or replaced (with new or rebuilt parts) at the Company's option, without charge for parts or labor directly related to the defect(s).

The antenna, keypad, display, rechargeable battery and battery charger, if included, are similarly warranted for twelve (12) months from date of purchase.

This Warranty extends only to consumers who purchase the product in the United States or Canada and it is not transferable or assignable.

This Warranty does not apply to:

- (a) Product subjected to abnormal use or conditions, accident, mishandling, neglect, unauthorized alteration, misuse, improper installation or repair or improper storage;
- (b) Product whose mechanical serial number or electronic serial number has been removed, altered or defaced.
- (c) Damage from exposure to moisture, humidity, excessive temperatures or extreme environmental conditions;
- (d) Damage resulting from connection to, or use of any accessory or other product not approved or authorized by the Company;
- (e) Defects in appearance, cosmetic, decorative or structural items such as framing and non-operative parts;
- (f) Product damaged from external causes such as fire, flooding, dirt, sand, weather conditions, battery leakage, blown fuse, theft or improper usage of any electrical source.

The Company disclaims liability for removal or reinstallation of the product, for geographic coverage, for inadequate signal reception by the antenna or for communications range or operation of the cellular system as a whole.

To obtain repairs or replacement within the terms of this Warranty, the product should be delivered with proof of Warranty coverage (e.g. dated bill of sale), the consumer's return address, daytime phone number and/or fax number and complete description of the problem, transportation prepaid, to the Company at the address shown below or to the place of purchase for repair or replacement processing. In addition, for reference to an authorized Warranty station in your area, you may telephone in the United States (800) 229-1235, and in Canada (800) 465-9672 (in Ontario call 905-712-9299).

AUDIOVOX 12 MONTH LIMITED WARRANTY

THE EXTENT OF THE COMPANY'S LIABILITY UNDER THIS WARRANTY IS LIMITED TO THE REPAIR OR REPLACEMENT PROVIDED ABOVE AND, IN NO EVENT, SHALL THE COMPANY'S LIABILITY EXCEED THE PURCHASE PRICE PAID BY PURCHASER FOR THE PRODUCT.

ANY IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, SHALL BE LIMITED TO THE DURATION OF THIS WRITTEN WARRANTY. ANY ACTION FOR BREACH OF ANY WARRANTY MUST BE BROUGHT WITHIN A PERIOD OF 18 MONTHS FROM DATE OF ORIGINAL PURCHASE. IN NO CASE SHALL THE COMPANY BE LIABLE FOR AN SPECIAL CONSEQUENTIAL OR INCIDENTAL DAMAGES FOR BREACH OF THIS OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, WHATSOEVER. THE COMPANY SHALL NOT BE LIABLE FOR THE DELAY IN RENDERING SERVICE UNDER THIS WARRANTY OR LOSS OF USE DURING THE TIME THE PRODUCT IS BEING REPAIRED OR REPLACED.

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

Some states or provinces do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damage so the above limitation or exclusions may not apply to you. This Warranty gives you specific legal rights, and you may also have other rights which vary from state to state or province to province.

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