

Safety Instructions.....	3
Getting Started.....	5
Cordless Telephone Operation.....	8
Preparing for Use.....	8
Receiving Calls	8
Placing Calls.....	9
Using the Headset Feature.....	10
Redial Feature.....	10
Mute/page/icm	11
Caller ID System Operation.....	12
Caller ID System.....	12
Viewing Caller Information During Incoming Calls.....	12
Message Waiting	12
Call Waiting	13
Voice Mail Function.....	13
Forwarded Call.....	13
Long Distance Call.....	13
Caller List	13
Viewing the Caller List	14
Placing a Call from the Caller List	14
Saving the Name and Number in the Caller List into the Phone Book.....	14
Deleting All Records in the Caller list.....	15
Selective Deleting in the Caller List.....	15
Phone Book.....	15
Viewing the Phone Book.....	15
Speed Viewing the Phone Book.....	16

NOTES:

1. You can store a maximum of 16 characters on the letter icon.
2. You can store a maximum of 16 digits on the number icon.

Security System

Your cordless telephone uses a digital coding security system to prevent unauthorized use of your telephone line by another nearby cordless telephone. The system has its own identifying signal created by microcomputers in both the **BASE UNIT** and the **HANDSET**.

Security Code

This telephone has an internal security code with 65,536 possible combinations.

Resetting Security Code and Channel Information

Communication between **HANDSET** and **BASE UNIT** may not be possible in any of the following situations:



1. After a power failure.
2. After relocating the **BASE UNIT** by disconnecting the AC ADAPTOR.
3. After replacing the **HANDSET BATTERY PACK**.

To reset, place the **HANDSET** on the **BASE UNIT** for 2 to 5 seconds.

Multi-Channel Access

Your cordless telephone lets you select a channel from the 40 frequencies available to transmit signals between the **BASE UNIT** and the **HANDSET**. When you notice interference from other cordless telephones, change to another channel by pressing the **(DEL) /SCAN** button on the **HANDSET**.






TELEPHONE KEYPAD Characters




The TELEPHONE KEYPAD  —  button are used to enter characters when entering names. You can enter names in the UPPER CASE or LOWER CASE letters. Press the appropriate TELEPHONE KEYPAD button to get the following characters.

KEYPAD BUTTONS	CHARACTERS
1	SPACE1 &' ().
2	ABCabc2
3	DEFdef3
4	GHIghi4
5	JKLjkl5
6	MNOmno6
7	PQRSpqrs7
8	TUVtuv8
9	WXYZwxyz9
*	*
0	0
#	#

EXAMPLE:

If you want to enter the character "Abc" on the **HANDSET LCD** Screen.

1. Press the  button.
2. Press the  /**EDIT** Button.
3. Press the TELEPHONE KEYPAD  button, "A" will be displayed. The cursor will automatically move to the next character after 2 seconds.
4. Press the TELEPHONE KEYPAD  button 2 times to display "b".
5. Press the TELEPHONE KEYPAD  button 3 times to display "c".

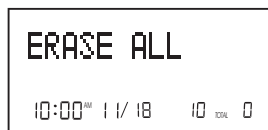
The cursor will automatically move to the next character within 2 seconds after entering the first character. Press the SHIFT RIGHT  button to produce a space. If you want to change any character, you can go back to the incorrect character by pressing the SHIFT LEFT  button. To delete the character inside the cursor, press the  button.

Saving in the Phone Book.....	16
Preferred Calls.....	16
Blocked Calls.....	16
Editing the Number in the Phone Book	17
Placing Calls from the Phone Book.....	18
Deleting All Records in the Phone Book.....	19
Selective Deleting in the Phone Book.....	19
Function/Settings Operation.....	20
A. Language	21
B. First Ring On/Off.....	21
C. Time Set.....	21
D. Ringer Volume.....	22
E. LCD Contrast	22
F. AREA CODE.....	22
G. Flash Time.....	23
H. Auto Answer.....	23
I. Voice Mail.....	24
J. MSG Waiting(Message Waiting).....	24
Telephone Keypad Characters.....	25
Security.....	26
Recharging the BATTERY PACK.....	27
Changing the BATTERY PACK.....	28
Problem Solving.....	29
Technical Information.....	30
Specifcations/Warranty	31
Telephone Setup	32

Caller ID System Operation

Deleting All Records in the PHONE BOOK

1. Press the **DIR** button to enter the phone book list.
2. Press and hold down the **DEL**/SCAN , the LCD screen will display "ERASE ALL"



3. Press **DEL**/SCAN again, the LCD Screen will display "ALL ERASED",and then return to the idle display.

Selective Deleting in the PHONE BOOK

1. Press the **DIR** button.
2. Press the SCROLL UP **UP** or DOWN **DOWN** button to find the record you want to delete.
3. Press **DEL**/SCAN button, the LCD Screen will display the "ERASE ITEM"



4. The record will be deleted if you press **DEL**/SCAN button again, and the LCD Screen will display the next record.
5. Press the **DIR** button to return to STANDBY mode.

Cordless Telephone Operation

Preparing for Use

Before you can use cordless telephone ,you must charge the **HANDSET** for 12 hours. Failure to do so will require recharging of the BATTERY PACK more often. (See page 27 for more information on the BATTERY PACK)

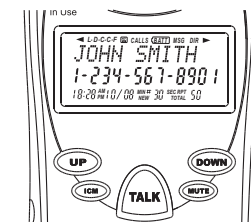
1. Place the **HANDSET** on the **BASE UNIT** for 12 hours .
2. After 12 hours ,remove the **HANDSET** from the BASE UNIT.
3. Raise or reposition the **BASE UNIT ANTENNA** for the best reception.

NOTE:

Depending on the frequency of use, once the **HANDSET** is fully charged , it remains functional for approximately 4 hours of continuous use and approximately three days when the **HANDSET** is off the **BASE UNIT** in STANDBY mode.

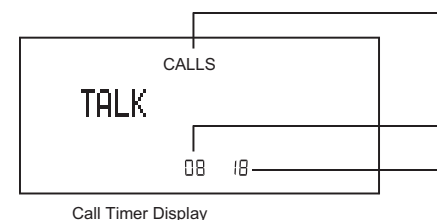
Receiving calls

1. When the phone rings, lift the **HANDSET** and press the **TALK** button. The **HANDSET** LCD Screen will display "CALLS" and "TALK",and the **BASE UNIT IN USE** LED indicator will light up.
2. Start your conversation
3. To end your conversation, either press the **TALK** button or place the **HANDSET** on the **BASE UNIT**. If you place the HANDSET on the BASE UNIT CHARGE CRADLE, you activate the automatic STANDBY feature.



NOTES:

1. The Call Timer will start to count once you press the **TALK** button.
2. The LCD Screen emits light for 8 seconds every time you press any of the TELEPHONE KEYPAD buttons.







When "CALLS" appears on the LCD Screen, it means the **HANDSET** IS OFF-HOOK (connected to the telephone line).

Minutes

Seconds or Channel (Press the scan/del button to display the channel).





Placing Calls

1. Press the  button, the Call Timer starts to count. The **HANDSET** LCD Screen will display "CALLS " and "TALK ", and the **BASE UNIT** IN USE LED indicator will light up.
2. Listen for a dial tone.
3. Dial the phone number.
4. When you have finished your call, press the  button again or place the **HANDSET** on the **BASE UNIT**.



NOTE: You can pre-Dial the phone number before you press the  button. The number displayed will be dialed once  is pressed.



Placing Calls from the PHONE BOOK

1. Press the  button.
2. Press the SCROLL UP  or DOWN  button to find the record you want to call.
3. Press the  / **VOICE MAIL** button to change the format of the displayed number.
Available formats Include:

Number of digits	Explanation	Example
Eleven digits	Long distance code "1" +3 - digit area cod +7 - digit telephone number.	1-234-567-8901
Ten digits	3-digit area code+ 7-digit telephone number.	234-567-8901
Seven digits	7-digit telephone number.	567-8901

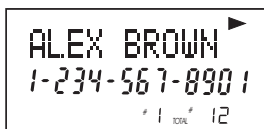
4. Press the  button to dial the number displayed in the screen.
5. To end your conversation, either press the  button or place the **HANDSET** on the **BASEUNIT**.

NOTE: If the phone company does not supply all ten digits of an incoming caller, you will not be allowed to adjust the format of that number.

Caller ID System Operation

Editing the Name and Number in the PHONE BOOK

1. press the **DIR** button.
2. Press the **SCROLL UP** **UP** or **DOWN** **DOWN** button to find the record you want to edit.



3. Press the **FLASH** /EDIT button to edit the name.



cursor is blinking

4. Press the **SHIFT LEFT** **<*** or **RIGHT** ***>** button to move the cursor to the letter you want to change. To add, use the **TELEPHONE KEYPAD** **0** **CALL** **9** **MOVE** buttons. (See page 24 for details.) To erase, press the **DEL** / **SCAN** button.
5. Press the **SCROLL UP** **UP** or **DOWN** **DOWN** button to edit the number.
6. Press the **SHIFT LEFT** **<*** or **RIGHT** ***>** button to move the cursor to the number you want to change. To add, use the **TELEPHONE KEYPAD** **0** **CALL** **9** **MOVE** buttons. See page 24 for details.) To erase, press the **DEL** / **SCAN** button.



cursor is blinking
on the number

7. Press and hold down the **SAVE** **RE/PA** button to confirm.

IMPORTANT: It is not advisable to save a telephone number without the corresponding name in the PHONE BOOK. This will lead to improper displays on Private and Out of Area calls.

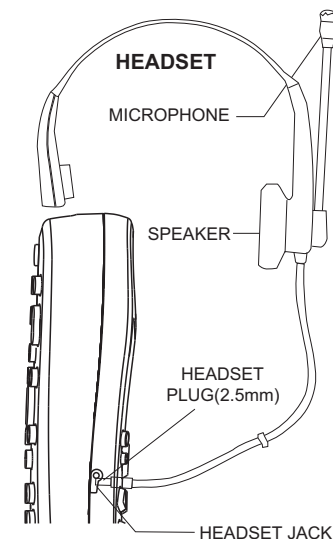
NOTE: When no active buttons are pressed for 20 seconds, the LCD Screen will automatically return to STANDBY mode.

Cordless Telephone Operation

Using the Headset Feature

Your telephone can utilize a headset (not included) to be connected to your **HANDSET** for you to enjoy hands-free communication. Insert the small plug at the end of the headset into the **HEADSET JACK** at the right side of the **HANDSET**. Follow the procedures discussed in "Receiving Calls "and" Placing Calls" to receive and place a call.

NOTE: When you plug the headset plug into the **HEADSET JACK** it automatically mutes the **MICROPHONE** and **SPEAKER** of the **HANDSET**. Unplug the headset to return the **HANDSET** to normal use.

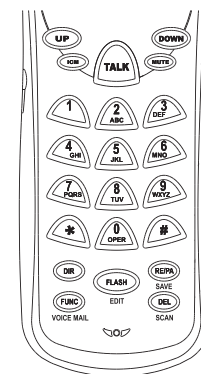


Redial Feature

1. If you get a busy tone, press the **TALK** button or place the **HANDSET** on the **BASE UNIT** to hang up.
2. Later, press the **TALK** button again.
3. Listen for a dial tone.
4. Press the **SAVE** **RE/PA** button, this will automatically redial the last telephone number you called.
5. When you have finished with your call, press the **TALK** button again or place the **HANDSET** on the **BASE UNIT**.

NOTE:

If you are too far away from the **BASE UNIT**, the **HANDSET** emits "beep" sounds to warn you that the Background noise level is too high for proper communication between the **HANDSET** and the **BASE UNIT**. When you hear this sound, you should move closer to the **BASE UNIT** to reduce the noise level. Otherwise, the call will automatically cut off.



Cordless Telephone Operation

Using The Mute Button

During a call, you can press the MUTE button to temporarily disable the handset microphone. Press the MUTE button again to resume your telephone conversation.

Using the Intercom /Handset Finder (PAGE)

From the handset:

- 1.Press ICM on the left side of the handset. If the phone is in range, the phone will beep for up to 20 seconds.
- 2.Press the ICM on the base, which enables the base to intercom with the handset.
- 3.Press either intercom key to end the intercom connection.

From the base:

- 1.Press Page/ICM on the base. If the phone is in range, the phone will beep for up to 20 seconds.
- 2.Press ICM on the left side of the handset, which enables the handset to intercom with the base. Press the TALK key or place the handset in the base to stop the handset page/find feature.
- 3.Press the intercom key to end the intercom connection.




Note: If a call is received while the unit is in the intercom mode, the intercom connection is automatically disconnected.

Remote Control










See Separate "Remote Control" Manual

Caller ID System Operation

Speed Viewing the PHONE BOOK


1. Press the  button.
2. Enter the first letter of a name. (See page 25 detail of entering a letter).
3. Press the SCROLL UP  button to find all names with the same first letter.
4. Press the SCROLL DOWN  button to find next name in the phone book.

Saving in the PHONE BOOK


1. Press the  button. The LCD screen will display "PHONE BOOK".(a record will be displayed if the phone book is full, the phone book can store up to 64 records)
2. Press the  /EDIT button to enter new record.
3. Use the TELEPHONE KEYPAD   buttons to enter the name (see page 26 for detail), the cursor will a second, and you can store up to 16 characters.
4. Press the SCROLL DOWN  button once.
5. Enter the telephone number by using the TELEPHONE KEYPAD   buttons. You can store up to 16 digits.
6. Press and hold down the  SAVE button.
7. Press the  button to return to STANDBY mode. (If no active button are pressed for 20 seconds, the LCD Screen will automatically return to STANDBY mode.)

NOTE: It will not save a duplicate telephone number or a name without the corresponding telephone number in the PHONE BOOK.

PREFERRED CALLS

You can assign PREFERRED CALL which will generate a special ringer sound at the start of the second Ring to any welcome caller in the PHONE BOOK. When you are saving the name and number into the PHONE BOOK, add a mark at the beginning of the name by pressing the TELEPHONE KEYPAD  button.

BLOCKED CALLS

You can assign a BLOCKED CALL which will disable the ringer sound from the second ring to any caller in the PHONE BOOK. When you are saving the name and number into the PHONE BOOK, add an mark at the beginning of the name by pressing the TELEPHONE KEYPAD  button.

Caller ID System Operation

Deleting All Records in the Caller List

1. Press and hold down the **(DEL)**/SCAN button while in the caller list, and display "ERASE ALL"
2. Press **(DEL)**/SCAN button again to delete all records, the display "NO CALL"
3. Press **(DIR)** button to return to STANDBY mode. (If no active button are pressed for 20 seconds, the LCD screen will automatically return to STANDBY mode)



Selective Deleting in the Caller List

1. Press the SCROLL UP **(UP)** or DOWN **(DOWN)** button to find the Caller ID record while in STANDBY mode.
2. Press **(DEL)**/SCAN button, the LCD Screen will display "ERASE ITEM".
3. Press the **(DEL)**/SCAN again, the LCD Screen will display the next Caller ID record in the Caller List.
4. Press the **(DIR)** button to return to STANDBY mode.



PHONE BOOK

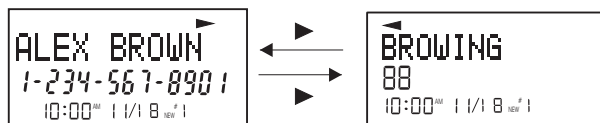
This DIRECTORY lets you scroll through the list to find the record you need for one touch dialing. You can Store up to 64 names and telephone numbers in the Memory.

Viewing the PHONE BOOK

1. Press the **(DIR)** button



2. Press the SCROLL UP **(UP)** or DOWN **(DOWN)** button to find the one you need, press the SHIFT RIGHT **(#>)** button if the name or telephone number is more than 11 digits.



NOTE: To exit the PHONE BOOK List at anytime, press the **(DIR)** button.

Caller ID System Operation

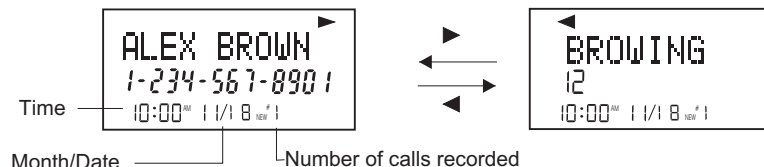
Caller ID System

This telephone automatically displays an incoming caller's name and telephone number together with the date and time of the call. It records up to 80 calls and stores the data in Memory.

IMPORTANT: You must subscribe to the Caller ID service from your local telephone company to utilize this feature.

Viewing Caller Information During Incoming Calls

1. When there is an incoming call, the name and the telephone number of the caller will automatically appear after the first ring. Press the SHIFT RIGHT **(#>)** button to view a name of more than 11 digits.



OR

Caller's telephone number will appear if the caller's name is not available

OR

"OUT OF AREA" will appear if the origin of the incoming call does not support the Caller ID system.

e.g



OR

"PRIVATE" and/or "P-- --" will appear if the caller's name and/or telephone number is blocked.

OR

"DATA ERROR" will appear if the wrong data was received from the telephone line.

OR

The name stored in memory will appear for an incoming call with matching telephone numbers.

"MSG WAITING" (Message Waiting)

The MSG WAITING GREEN LED indicator will blink when there is a message for you from your telephone Company if you have subscribed to Voice Mail message service and if you have requested Visual Message Indication from your local telephone company. "MSG" will appear on the LCD Screen in STANDBY mode. (To remove the MESSAGE WAITING indicator, see page 24 for detail)

Caller ID System Operation

Call Waiting

When you subscribe to a Call Waiting service from your local telephone company, this telephone will display the name and number of the second caller while you are having a phone conversation with your first caller.

1. When you are having a conversation, this telephone will automatically display the name and number of the second caller. The name will be blinking.
2. Press the **EDIT** /FLASH button to answer the second caller. The first caller's name and number will be displayed. The name will be blinking.
3. When you have finished, press the **EDIT** /FLASH button to continue with your conversation with the first caller.

e.g.



1st caller

e.g.



2nd caller

If you do not want to interrupt your phone conversation with the first caller, you can advise the second caller to leave a Voice Mail message instead.

Voice Mail Function

When there is a Voice Mail message for you, the "MSG" icon on the LCD Screen and the MESSAGE WAITING LED indicator will blink.

1. To access your Voice Mail message, press the **TALK** button.
2. After you hear a dial tone, press the **FUNC** /VOICE MAIL button. This will automatically dial the Voice Mail Post Code in your area and connect you to the Voice Mail service provider.

NOTE: You should store the Voice mail Post Code number by using the Voice Mail function on page 24. You can also call your Voice Mail service provider by dialing the Voice Mail Post Code number after pressing the **TALK** button,

"C-F"(Forwarded Call)

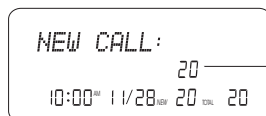
Appear on the upper left hand side, when the incoming call has been assigned to your telephone number.

"L-D-C" (Long Distance Call)

Appears on the upper left hand side, when the incoming call is a long distance call and the service is provided by your local telephone company.

Caller List

Records call information for up to 80 incoming calls such as caller's name and telephone number together with the date and time of the call. After recording a new incoming call, the NEW CALL indicator will blink and the LCD Screen will look as shown below:

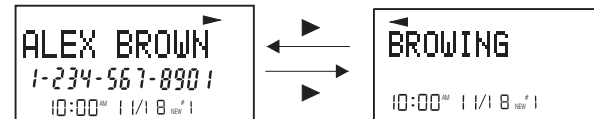


No. of new calls.
Maximum calls=80

Caller ID System Operation

Viewing the Caller List

1. Press the SCROLL DOWN **DOWN** button to view the latest Caller ID record, or press the SCROLL UP **UP** button to view the first Caller ID record, press the SHIFT RIGHT **#>** button if the name has more than 11 digits.



2. Press the **DIR** button to go back to STANDBY mode. (If no active buttons are pressed for 20 seconds or you have viewed the last Caller ID record in the Caller's List, the LCD Screen will automatically return to STANDBY mode.)

Placing a Call from the Caller List

1. Press the SCROLL DOWN **DOWN** button to select from the first Caller ID record, or press the SCROLL UP **UP** button to select from the first Caller ID record.
2. Press **FUNC** /VOICE MAIL button to select the correct format. (7 digits, 10digits, 11digits)
3. Press **TALK** button to dial the number.
4. To end your conversation, either press the **TALK** button or place the HANDSET on the BASE UNIT.

Saving the Name and Number in the Caller List into the PHONE BOOK

1. Press the SCROLL UP **UP** or DOWN **DOWN** button to find the caller.
2. Press and hold down the **SAVE** RE/PA button.

NOTE: It is not advisable to save a telephone number without the corresponding name. This will lead to improper display on Private and Out of Area calls.