



Mountain Bell

DECT 6.0

31231 (One Handset)

31232 (Two Handsets)



31231



31232

Congratulations on your selection of DECT 6.0 Digital Cordless Telephone from Mountain Bell Phones. This quality DECT 6.0 Cordless Telephone with Caller ID and Call Waiting, like all Genuine Mountain BELL® products has been designed to give you many years of continuous service and represents the best value for your money. It requires little maintenance and is easy to setup and operate.

IMPORTANT SERVICE INFORMATION

Read this manual before attempting to setup or use this instrument. It contains important information regarding safe installation and use. Keep this manual for future reference. Also save the carton, packing and proof of purchase to simplify and accelerate any needed action. If you need assistance or service, call (800) 888-8990 between 8:00 a.m. and 4:30 p.m. Pacific Standard Time, Monday through Friday.

WARNING

To prevent fire or shock hazard, do not expose this product to rain or any type of excess moisture. If accidentally dropped into water, the AC adaptor should immediately be unplugged from the wall along with the telephone line cord.



THIS SYMBOL IS INTENDED TO ALERT THE USER OF THE PRESENCE OF IMPORTANT OPERATING AND MAINTENANCE (SERVICING) INSTRUCTIONS IN THE OWNER'S MANUAL.

CARTON CONTENTS		
	31231 (One Handset)	31232 (Two Handsets)
Base Unit	One	One
Handset Unit	One	Two
Charger Unit	-	One (with 7.5V DC, 100 mA output Adaptor)
Rechargeable Battery Pack (2.4V 500mA AAA Ni-MH)	One	Two
Base Adaptor (6V DC, 200 mA output, Center Positive)	One	One
Telephone Line Cord	One	One
User Manual	One	One
Warranty Card	One	One
Accessory Order Form	One	One

***The Features and Functions described in this User Manual
are published with reservations to modifications.***

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SAVE THESE INSTRUCTIONS



IMPORTANT SAFETY INSTRUCTIONS

When using your telephone equipment, basic safety precautions should always be followed to reduce the risk of fire, electric shock, and injury to persons, including the following:

1. Read and understand all instructions.
2. Follow all warnings and instructions marked on the product.
3. Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
4. Do not use this product near water, for example, near a bathtub, washbowl, kitchen sink, or laundry tub, in a wet basement or near a swimming pool.
5. Do not place this product on an unstable cart, stand, or table. The product may fall, causing serious damage to the product.
6. Slots and openings in the cabinet and the back or bottom are provided for ventilation, to protect it from overheating. These openings should never be blocked or covered. The openings should never be blocked by placing the product on the bed, sofa, rug, or other similar surfaces. This product should never be placed near or over a radiator or heat register. This product should not be placed in a built-in installation unless proper ventilation is provided.
7. This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your dealer or local power company.
8. Do not allow anything to rest on the power cord. Do not locate this product where people will step on the cord.
9. Do not overload wall outlets and extension cords as this can result in the risk of fire or electric shock.
10. Never push objects of any kind into this product through cabinet slots as they may touch dangerous voltage points or short out parts that could result in a risk of fire or electric shock. Never spill liquid of any kind on the product.
11. To reduce the risk of electric shock, do not disassemble this product, but take it to a qualified service contractor when some service or repair work is required. Opening or removing covers may expose you to dangerous voltages or other risks. Incorrect reassembly can cause electric shock when the appliance is subsequently used.
12. Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:
 - A. When the power supply cord or plug is damaged or frayed.
 - B. If liquid has been spilled into the product.
 - C. If the product has been exposed to rain or water.
 - D. If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions. Improper adjustments of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to normal operation.

- E. If the product has been dropped or the cabinet has been damaged.
 - F. If the product exhibits a distinctive change in performance.
13. Avoid using a telephone (other than a cordless type) during an electrical storm. There may be a remote risk of electric shock from lightning.
 14. Do not use the telephone to report a gas leak in the vicinity of the leak.

SAVE THESE INSTRUCTIONS



INSTALLATION PRECAUTIONS

1. Never install telephone wiring during a lightning storm.
2. Never install telephone jacks in wet locations unless the jack is specifically designed for wet locations.
3. Never touch un-insulated telephone wires or terminals unless the telephone line has been disconnected at the network interface.
4. Use caution when installing or modifying telephone lines.



MAINTENANCE

1. Use a damp cloth to clean the plastic cabinet. A mild soap will help to remove grease or oil. Never use polish, solvents, abrasives or strong detergents since these can damage the unit.
2. Your phone should be situated away from heat sources such as radiators, heaters, stoves or any other appliance that produces heat.

BATTERY CAUTIONARY INSTRUCTION

CAUTION: Danger of explosion if Battery Pack is incorrectly replaced. Replace only with the same or equivalent type by the manufacturer. Dispose of used batteries

according to the manufacturer's instructions.

1. Use only the battery pack type provided with the unit.
2. Do not dispose of the battery in a fire. The cell may explode. Check with local codes for possible special disposal instructions.
3. Do not open or mutilate the battery. Released electrolyte is corrosive and may cause damage to the eyes or skin. It may be toxic if swallowed.
4. Exercise care in handling the battery in order not to short the battery with conducting material such as rings, bracelets and keys. The battery or conductor may overheat and cause burns.
5. Recharge only the battery provided with or identified for use with this product. The battery may leak corrosive electrolyte or explode if it is not the correct type.
6. Do not attempt to rejuvenate the battery provided with or identified for use with this product by heating them. Sudden release of the battery electrolyte may occur causing burns or irritation to eyes or skin.
7. When inserting the battery into this product, the proper polarity or direction must be observed. Reverse insertion of batteries can cause charging that may result in leakage or explosion.
8. Do not store this product, or the battery provided with or identified for use with this product, in high-temperature areas. Batteries that are stored in a freezer or refrigerator for the purpose of extending shelf life should be stabilized at room temperature prior to use after cold storage.
9. Disconnect telephone lines before installing batteries.



FCC NOTICE

The FCC requires that you will be advised of certain requirements involving the use of this telephone.

1. This equipment complies with Part 68 of the FCC rules. A label on the base unit of this equipment contains, among other information, the ACTA Product Number and the Ringer Equivalence Number (REN) for this equipment. You must, upon request, provide this information to your telephone company.
2. The REN is useful to determine the quantity of devices you may connect to your telephone line and still have all of those devices ring when your number is called. In most, but not all areas, the sum of the REN of all devices should not exceed five (5.0). To be certain of the number of devices you may connect to your line, as determined by the REN, you should call your local telephone company to determine the maximum REN for your calling area.
3. If your telephone causes harm to the telephone network, the telephone company may discontinue your service temporarily. If possible, they will notify you in advance. But if advance notice is not practical, you will be notified as soon as possible. You will be advised of your right to file a complaint with the FCC.
4. Your telephone company may make changes to its facilities, equipment, operations or procedures that could affect the proper operation of your equipment. If they do, you will be given advance notice so as to give you an opportunity to maintain uninterrupted service.
5. If you experience trouble with the telephone, please contact Northwestern Bell Phones for repair/warranty information. The telephone company may ask you to disconnect this equipment from the network until the problem have been corrected or you are sure that the equipment is not malfunctioning.
6. This equipment may not be used on coin service provided by the telephone company. Connection to party lines is subject to state tariffs. (Contact your state public utility commission or corporation commission for information.)

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Privacy of communications may not be ensured when using this phone.

Changes or modifications not expressly approved in writing by Mountain Bell Phones may void the user's authority to operate this equipment.

Some cordless phones operate at frequencies that may cause interference to nearby TVs and VCRs; to minimize or prevent such interference, the base of the cordless phone should not be placed near or on top of a TV or VCR; and, if interference is experienced, moving the cordless telephone farther away from the TV or VCR will often reduce or eliminate the interference.

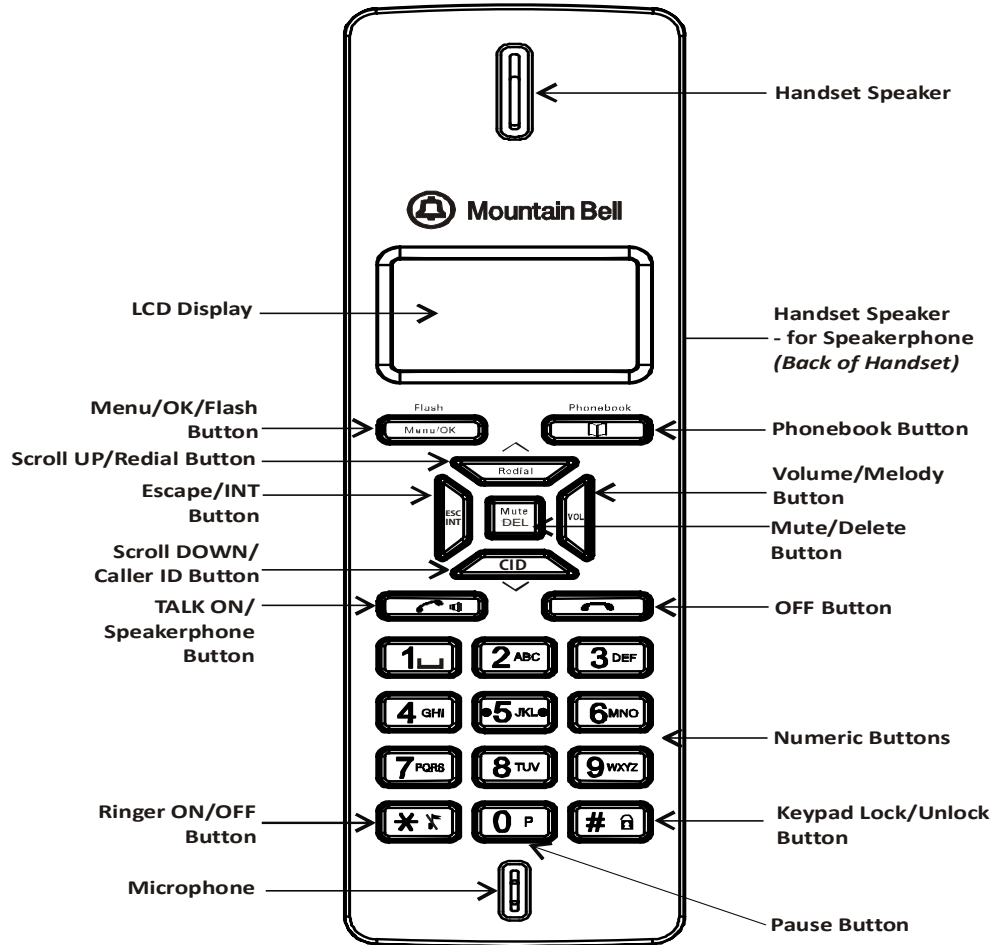
CALLER ID Question & Answer

Caller ID devices allow you to take advantage of the Caller Identification Delivery service offered by your local telephone company. For more information, you can refer to the following Questions and Answers table:

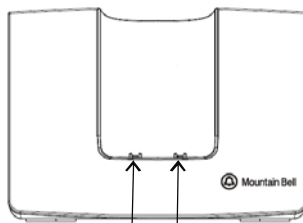
Questions	Answers
What is Caller ID?	A Caller ID is a device that identifies the calling party before you answer a call. This device can be used to screen unwanted calls and eliminate harassment from annoying calls.
How does Caller ID work?	When used with Caller ID service, the Caller ID device displays the name (if available), and the phone number (if available) of the person calling before you pick up your telephone.
Who provides Caller ID service?	Your local telephone company. However, not all local telephone companies provide Caller ID service. Please call your local phone company to confirm that the service is available before you install the Caller ID.
How can I activate my Caller ID?	For your Caller ID unit to function, you must first arrange with your local telephone company to have Caller ID service installed on your line. There is an extra charge added to your monthly telephone bill for this service. Before using your Caller ID device, please read this instruction manual carefully.

CONTROLS DIAGRAM

HANDSET UNIT

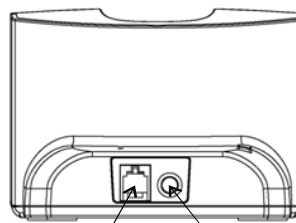


BASE UNIT FRONT



Base Charge Terminals

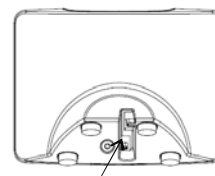
BASE UNIT BACK



RJ11C Telephone Line Terminal Jack

DC 6V Adaptor Terminal Jack

CHARGER UNIT BACK



DC 7.5V Adaptor Wire Connection

CONTROLS DESCRIPTIONS:

HANDSET CONTROLS:

LCD Display - Shows caller information, phone status, prompts and phonebook directory items and other Function menu character of the phone.

MENU/OK (SAVE)/FLASH/LEFT Arrow Button:

(MENU) - Press MENU to access the special functions operation in STANDBY mode.

(OK - SAVE) - Press OK to confirm and Save during function programming.

(FLASH) - Press FLASH to answer a call if you have a Call Waiting.

(LEFT Arrow) - Press [MENU/OK BUTTON] to scroll LEFT, if the LEFT arrow icon is displayed below Left of the phone number, to review the remaining number to the LEFT.

SCROLL UP / REDIAL Button:

(REDIAL) - Press to select and redial the last number you dialed.

(SCROLL UP) - Press to scroll UP during Phone Book review. It also allows you to scroll UP through the stored list of incoming calls and function menus.

ESC/INT Button:

(ESC) – Press ESC (ESCAPE) button to exit from existing programming mode.

(INT) – Press INT (INTERCOM) button to initiate Intercom call between handset.

NOTE: INTERCOM function is optional for Multi handset Version – 31230, 31232 and 31233 only.

SCROLL DOWN /CID (CALLER ID) Button:

(SCROLL DOWN) - Press to scroll DOWN during Phone Book review.

(CID – CALLER ID) - Press [CID BUTTON] to review your incoming calls. It also allows you to scroll DOWN through the stored list of incoming calls and function menus.

TALK/HANDSFREE - SPEAKERPHONE Button:

(TALK) - Press to answer an incoming call or to place a call.

(HANDSFREE / SPEAKERPHONE):

- Press to change communication to Hands free or Speakerphone Mode.

RINGER OFF / * Button:

(RINGER OFF) - Press and Hold a few seconds to turn the RINGER OFF or ON.

PHONEBOOK/RIGHT Arrow Button:

(PHONEBOOK) - Press to access names and numbers stored in the Phonebook Directory.

(RIGHT Arrow) - Press [PHONEBOOK BUTTON] to scroll RIGHT, if the RIGHT arrow icon is displayed below Right of the phone number, to review the remaining number to the RIGHT.

VOL (VOLUME) Button:

(VOL) – Press to increase or decrease the Handset volume during Handset conversation (TALK) mode.

MUTE / DEL (DELETE) Button:

(MUTE) - Press to switch the Microphone ON or OFF during Handset conversation (TALK) mode.

(DEL - DELETE) - Press to correct or delete a number during Pre-Dialing Mode or during phone book editing, deleting an entry.

OFF Button:

(OFF) - Press to end a call. Press to go to stand by mode during Menu Programming mode.

NUMERIC KEY Buttons:

(NUMERIC KEYS) - Press to dial the numbers you wish to call. Press to access the corresponding letters when

saving a name into your phonebook directory.

NUMBER KEYLOCK / # Button:

- Press to lock or unlock the functions of the NUMERIC and FUNCTION Key buttons.

PAUSE / 0 Button:

(PAUSE) - Press to insert a pause while dialing. (You will need the PAUSE button to dial numbers that use an alternative Long Distance Access Code.)

BASE UNIT CONTROLS:

Base Unit Charge Terminals:

- For charging the handset battery pack.

6V DC Adaptor Jack:

- A jack located on the rear side of the base unit used for connecting the AC adaptor to the base unit.

TEL (TELEPHONE) LINE Jack:

- An RJ-11C connector jack where one end of the telephone line cord connects.

CHARGER UNIT CONTROLS:

(Optional for Multi handset version 31230, 31232 and 31233 only)

Charger Unit Charge Terminals:

- For charging the handset battery pack.

7.5V DC Adaptor wire connection:

- Adaptor DC wires is fixed on the rear side of the base unit used for connecting the AC adaptor to the charger unit.

INSTALLATION

⚠ CAUTION: USE ONLY THE NICKEL METAL HYDRIDE (Ni-MH) BATTERY PACK INCLUDED WITH THIS UNIT. USE OF OTHER BATTERY TYPES MAY CAUSE INJURIES OR DAMAGE.

Battery Installation:

1. Remove the battery compartment cover of the handset by pressing the top of the cover and sliding it down.
2. Mount the Ni MH Battery pack along the slot into the handset's battery compartment.

IMPORTANT: Ensure to mount the Battery lock guide to its correct position (as shown in Figure A) to match the proper + and - polarity of the battery pack and handset battery terminals when mounting.



(Figure A)

3. Replace the battery compartment cover by sliding it up towards the handset.

NOTE: Use the type and size of Ni-MH battery pack, 2.4V, 500mA.

It is recommended that the Ni-MH battery pack should be fully charged minimum 12 hours prior to initial use.

POWER CONNECTION

⚠ CAUTION:

For Base Unit:

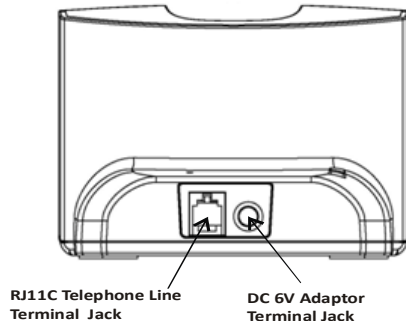
You must use a Class II, 120 Volt AC / 6 Volt DC adaptor that delivers at least 300 mA. The center tip must be positive and the plug must correctly fit the unit's 6.0V DC jack.

For Charger Unit (optional):

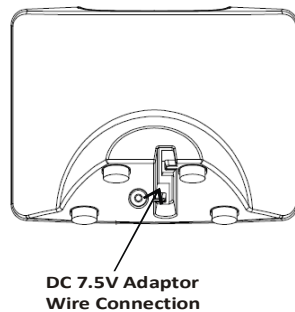
You must use a Class II, 120 Volt AC / 7.5 Volt DC adaptor that delivers at least 100 mA.

1. Plug the AC adaptor into a standard AC outlet.
2. Insert the small plug into the 6.0V DC jack on the rear of the base unit and on the rear of the charger unit as shown below.

BASE UNIT BACK:



CHARGER UNIT BACK:



INITIAL SETUP

Please follow these steps before using this DECT 6.0 phone for the first time.

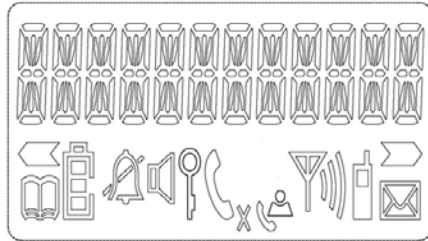
- ***Ensure that the handset battery pack is installed and charged fully for at least 12 hours.***
- ***Ensure that all connections (line cord and adaptor cord) are properly inserted into the rear of the base unit.***

Setting to TONE/PULSE Mode

- If your home is equipped with tone-dialing service set the TONE/PULSE setting to TONE (default setting of your phone is TONE).
- If you have a Pulse (Rotary) dialing service, set the TONE/PULSE change the setting to Pulse following the procedure on setting the TONE/PULSE.

If you are not sure which system you have, set the TONE/PULSE Set the phone to TONE. Press the [TALK BUTTON] the handset to get a dial tone, and press any button on the TELEPHONE KEYPAD except the zero. If the dial tone continues, it means that you do not have TONE dialing service. Press the [OFF BUTTON] on the handset to hang up. Set the TONE/PULSE setting to the PULSE and then try again.

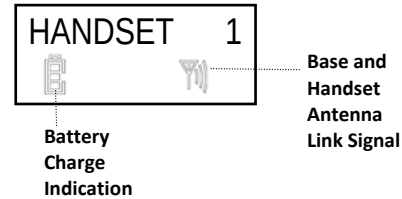
LCD INFORMATION



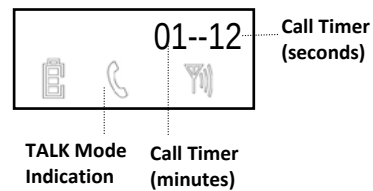
The following LCD display icon will be displayed when each of its function is activated.

Icon	Function Indication
	Name or Number Display
	LEFT Arrow scroll display
	RIGHT Arrow scroll display
	Phone Book
	Battery Charge Level
	Ringer OFF
	TALK Mode ON
	Hands Free / Speakerphone Mode ON
	Key Pad Lock
	Mute ON
	Caller ID available (for review)
	Base and Handset Antenna Link signal
	Handset Intercom ON
	Message Waiting Indication

During idle / standby mode, the handset LCD panel will display information in the following format:



During active or TALK mode (after placing a call), the handset LCD panel will display the following:



NOTE: The time and date will be set automatically when the first Caller ID call is received. You can also manually set the time as described in “Setting the Time” of the “MENU PROGRAMMING” section of this manual.

TELEPHONE OPERATION

To Place a Call:

1. Press the [TALK BUTTON], the call timer starts to count.
2. Wait until you hear a dial tone and then dial the phone number.
3. When you have finished your call, press the [OFF BUTTON] to hang up or place the handset on the base unit or on the charger unit.

OR

1. Dial the phone number. An incorrect number can be corrected

or deleted by pressing [DEL BUTTON].

NOTE: When you have not pressed a number for 20 seconds, the number you have already entered will disappear and the handset returns to standby Mode.

2. Press the [TALK BUTTON]. The number displayed will be dialed.
3. When you have finished with your call, press the [OFF BUTTON] to hang up or place the handset on the base unit or on the charger unit.

Activating the HANDSFREE / SPEAKERPHONE feature during Calls:

This function allows you to communicate without having to pick up the handset.

1. When you are on the phone, press [TALK BUTTON] to activate the HANDSFREE / SPEAKERPHONE feature. The SPEAKERPHONE icon will appear on the LCD display.
2. Press the same button to deactivate the HANDSFREE / SPEAKERPHONE feature.

Activating MUTE feature during Calls:

This function allows you to temporarily deactivate the phone microphone during a conversation. You can speak in private without being heard on the other phone line.

1. Press the [MUTE BUTTON] during a conversation, the microphone will be deactivated. The [MUTE ON] icon will appear on the LCD display.
2. Press the [MUTE BUTTON] again To activate the microphone when you want to continue the conversation with the other person on the phone line.

Adjusting Handset VOLUME during Calls:

This feature allows you to adjust the handset volume by pressing the [VOLUME BUTTON]. You can set the volume alternatively in between levels 1 to 5. You can also use [SCROLL UP or DOWN BUTTON] to adjust the volume level.

Redial Feature during TALK Mode:

1. If you get a busy tone, press the [OFF BUTTON] or place the handset on the base unit or charger unit to hang up.
2. Later, press the [TALK BUTTON] again.
3. Listen for a dial tone.
4. Press the [REDIAL BUTTON]. This will automatically redial the last telephone number you called.
5. When you have finished with your call, press the [OFF BUTTON] to hang up or place the handset on the base unit or on the charger unit.

Redial Feature at Standby Mode:

You can redial any of the last three phone numbers.

1. Press [REDIAL BUTTON], the number you last called appears on the LCD display.
2. Press the [SCROLL UP or DOWN BUTTON] to select one of the last three dialed number that appears on the LCD display.
3. Press the [TALK BUTTON] this will automatically redial the telephone number you selected.
4. When you have finished with your call, press the [OFF BUTTON] to hang up or place the handset on the base unit or on the charger unit.

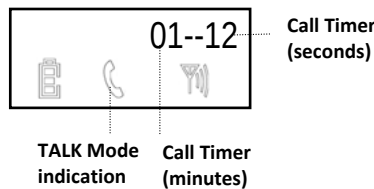
NOTE: Do not use this telephone within 20 feet of a microwave oven while it is working, as you may experience interference. This is a normal occurrence with the cordless phones and should not be interpreted as a defect in the product.

To Receive a Call:

1. When the phone rings, the LCD panel will show "EXT CALL" (External Call). If you have Caller ID, the LCD panel will show the Caller ID information after the first ring.
2. With the handset off the base, press the [TALK BUTTON] to start your conversation. The call timer starts to count.
3. To end your conversation, either press the [OFF BUTTON] to hang up or place the handset on the base unit or on the charger unit. If you place the handset on the base unit charge cradle or charger unit, you activate the automatic standby feature.

NOTE: The call timer will start to count once you press the [TALK BUTTON].

(Call Timer Display)



Intercom between Two Handset and Call Transfer with an External Call:

NOTE: You can transfer the call from one extension handset to the other extension handset by using the Call Transfer Feature. This is optional function and feature for Multi handset set up with two, three, and four handset versions only.

- 31232 (Two Handsets, One Base)
- 31233 (Three Handsets, One Base)
- 31230 (One handset, One Charger Unit) can be added to any of the other model series i.e. 31231, 31232, 31233.
- 31231 (One Handset, One Base) can be expanded by adding 31230.

Intercom Call:

1. In Standby mode, press [INT BUTTON] followed by the other handset number (HS 1 to 5).
2. The other handset will start to ring. You can stop the ringing alert by pressing the [TALK BUTTON] or the [INT BUTTON].
3. If the other handset answers the call by pressing [TALK BUTTON], you can talk internally.
4. When you have finished with your Intercom call, press the [OFF BUTTON] to hang up or place the handset on the base unit or on the charger unit.

Conference Call:

1. At TALK Mode, Press [INT BUTTON], Select the handset number (HS 1 to 5) you wish to transfer the phone call. The selected extension handset will beep to alert the extension handset for Intercom call.
2. When the other handset takes the line, you can talk internally (via INTERCOM mode).
3. If you press the [INTERCOM BUTTON] for 2 seconds, you can then talk with the 2nd Handset and the external line at the same time [CONFERENCE CALL].

OR

4. Press the [INT BUTTON] again to return to the internal call.

5. Press the "OFF BUTTON" to hang up or place the handset on the base unit or on the charger unit.

Pause Function:

In some cases, such as PBX or long distance service, a pause may be needed in the dialing sequence. Press and HOLD the [PAUSE BUTTON] on the handset inserts a few seconds of delay between dialed numbers. Pause(s) can be inserted into the programmed dialing sequence in memory dialing.

Mixed Mode Dialing (Temporary Tone * Dialing):

If you only have PULSE Dialing available in your area, accessing special services (bank by phone, etc.) require a tone signal. Ensure that the TONE/PULSE setting is set to PULSE. While in TALK mode, press the Temporary TONE (*) button and change setting from Pulse to Tone dialing. Pulse dialing mode resumes when the call is ended.

Flash Function:

While in TALK mode, Press the [FLASH BUTTON] to access custom calling features such as **Call Waiting or Three-Way Calling** provided by your local phone company. Consult your local phone company for more details.

Handset Key Lock Function:

When the keypad is locked, pressing the keys will have no effect during standby mode (except when press and holding the [KEY BUTTON]).

1. While in STANDBY mode, Press and Hold the [KEY LOCK BUTTON]. The KEY ICON appears on the LCD display and the Keypad is locked.
2. Press and Hold the [KEY LOCK BUTTON] again to un-lock the keypad.

NOTE: During an Incoming call, the keypad functions as normal, when the call is ended, the keypad will be locked again. When there is Incoming call, you can still answer the call by pressing the [TALK BUTTON].

Low Battery Indication:

The BATTERY icon on the Handset LCD panel may display the following:

 Battery charge is FULL:

When the handset battery voltage level is low:

 Battery needs charging:

Return the handset to its cradle on the Base unit or Charger unit for charging.

CALLER ID OPERATION

This telephone automatically displays the Incoming Caller's telephone number (Caller List). When you receive a call, the numbers are saved in a Call List. This list can hold 50 Caller ID telephone numbers (each with maximum 23 digits). If you have the number is longer than 14 digits, you can press the [PHONEBOOK BUTTON] to show the other digits.

*** IMPORTANT:** *Subscription to Caller ID (CID) service from your local phone company is required for using the Caller ID features of the unit. Other optional services such as * Message Waiting and * Caller ID Call Waiting service can be subscribed from your local phone company.*

New Calls (Caller ID List):

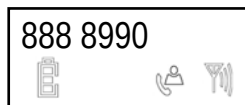
When you receive a new un-answered call the Caller ID icon will blink and the display will show “XX MISSED” and XX means the number of calls you missed.

**Reviewing the Caller List:**

1. Press the [CID BUTTON], the last receive call is shown on the display. If the list is empty, “EMPTY” is shown on the LCD display.
2. If not, you can see the Name, Number, Date and Time of the call. Press the [PHONEBOOK BUTTON], the following will be shown on the display.
(i.e. if the Callers name is John Smith)

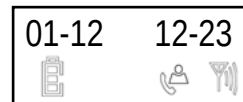


3. You can scroll from name to number and date by pressing [PHONEBOOK BUTTON].
4. Press the [SCROLL UP BUTTON] to review the next call.
5. Press the [SCROLL DOWN BUTTON] to show the previous call. You can exit the Call list by pressing the [ESC BUTTON].
6. When the incoming number is matching with a number from the Phonebook number or when the Caller ID name is sent;



NOTE: Only when the network sends the Time/date together with the Telephone number will the Date and Time will be

displayed. On some networks with Caller ID, time and date will not be displayed.

**Calling a number from the Caller List:**

1. Scroll through the Call List until the desired number is shown on the LCD display.
2. Press the [TALK BUTTON], the number will be dialed automatically.

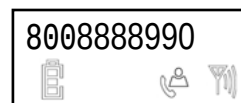
Option Dialing:

You have option to change the displayed 7 digit Local number to 10 or 11 digits before you Call Back:

3. The first dialing option displayed is 10 digit number for a local call with Area Code.

10 Digit Phone Number Option:

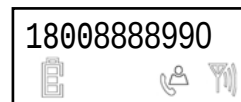
- Press [# BUTTON] to add the Three Digit Area Code before the 7 digit phone number.



OR

11 Digit Phone Number Option:

- Press [# BUTTON] to add the Three Digit Area Code and Press [* BUTTON] to add 1 before the 7 digit phone number.



OR

7 Digit Local Phone Number Option:

- This is the 7 digits local phone numbers receive from a local caller.



4. Press the [TALK BUTTON], the number will be dialed automatically.

Delete a Number from the Caller List:

1. Scroll through the Call List until the desired number is shown on the LCD display.
2. Press the [OK BUTTON] and use the [SCROLL UP OR DOWN BUTTON] to select "DELETE".
3. Then press [OK BUTTON] to erase the number.

Delete ALL Numbers from the Caller List:

NOTE: You can only delete the Caller ID numbers which are already reviewed from the call List.

1. Scroll through the Call List until the desired number is shown on the LCD display.
2. Press the [OK BUTTON] and use the [SCROLL UP OR DOWN BUTTON] to select "DELETE ALL".
3. Then press [OK BUTTON] to erase all the number.

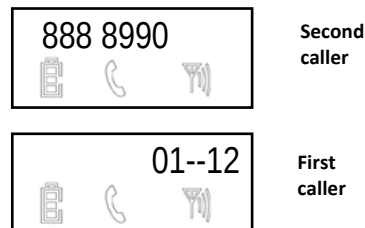
Store a Number from the Caller List to the Phonebook Directory:

1. Scroll through the Call List until the desired number is shown on the LCD display.
2. Press the [OK BUTTON] and use the [SCROLL UP or DOWN BUTTON] to select "SAVE to PB".

Call Waiting:

When you subscribe to 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 conversation with your first caller.

When a new call comes in while you are talking, you will hear a notification beep from the handset and the volume is momentarily muted. The new caller's name and phone number, if available, appears on the display.



1. When you receive a "Call Waiting" call and you want to connect the call, press the [FLASH BUTTON] and start talking with the second caller.
2. Press the [FLASH BUTTON] to alternate between calls.
3. Press the [OFF BUTTON] or place the handset on the base unit or charger unit to end the call.

MENU FUNCTION PROGRAMMING

This phone contains the following special Menu Functions. To access, Press the [MENU BUTTON] at STANDBY mode, then press the [SCROLL UP or DOWN BUTTON] to select the Function.

FUNCTION MAIN MENU Information:

- > **PHONEBOOK**
- > **HANDSET**
- > **BASE**
- > **DATE TIME**
- > **REGISTER**
- > **DE-REGISTER**

1. Settings can be accessed by pressing the [SCROLL UP or DOWN BUTTON] several times to select a Menu Function.
2. To edit a setting, press the [OK BUTTON], use the [SCROLL UP or DOWN BUTTON] to toggle between the setting options, and then press [OK BUTTON] to save the changes.
3. Press the [OFF or ESC (ESCAPE) BUTTON] to exit the Menu programming.

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

MENU Function Programming 1: PHONEBOOK SETTING



> PHONEBOOK SUB-MENU

Information:

- > Select Phone Book Item list:
 - **New Entry**
 - **Edit Entry**
 - **Delete Entry**
 - **Delete All**

NOTE: You can program 50 Phonebook entries in the phones Phonebook Directory. Names can be up to 16 characters and numbers up to 24 digits.

1.1 Add a Phonebook entry:

1. Press the [PHONEBOOK BUTTON] until the Phonebook icon is ON.
2. Press [OK BUTTON] and 'NEW ENTRY' will display.
3. Press [OK BUTTON] and enter the name by using the alphanumerical keypad.
4. Press [MENU/OK BUTTON] to confirm the name.
5. Enter the telephone number, and Press the [MENU/OK BUTTON] to confirm.
6. Select the melody by using the [SCROLL UP or DOWN BUTTON], and press [OK BUTTON] to confirm.

1.2 Dial a Phonebook entry:

1. Press the [PHONEBOOK BUTTON] to enter the Phonebook directory.
2. Enter the first letter of the desired name or phonebook entry via the alphanumeric keypad.
3. The first name in the list with this letter appears on the display.
4. Press [SCROLL UP or DOWN BUTTON], to search the name you want to dial.
5. Press [TALK BUTTON] and the number will be dialed out automatically.
6. Press the OFF button to return to STANDBY mode.

1.3 Edit a Name and Number:

1. Press the [PHONEBOOK BUTTON] to enter the Phonebook directory.
2. Press [SCROLL UP or DOWN BUTTON], to search the name you want to edit.
3. Press [OK BUTTON] to enter the phonebook Menu.
4. Press [SCROLL UP or DOWN BUTTON], to select "EDIT ENTRY" and press [OK BUTTON].
5. Delete the character by [DEL BUTTON]. Use the keypad to enter the new name. Press the [OK BUTTON] to confirm.
6. Enter or Delete the telephone number. Press the [OK BUTTON] to confirm the new entry.
7. Select the melody by pressing the [SCROLL UP or DOWN BUTTON], press [OK BUTTON] to confirm selected melody.

1.4 Delete an Entry from the Phonebook Directory:

1. Press the [PHONEBOOK BUTTON] to enter the Phonebook directory.
2. Press [SCROLL UP or DOWN BUTTON], to search the name you want to delete.
3. Press [OK BUTTON] to enter the phonebook Menu.
4. Press [SCROLL UP or DOWN BUTTON], to select "DELETE ENTRY" and press [OK BUTTON] to confirm and the handset will prompt you to reconfirm the delete all function.
5. Press the [OK BUTTON] to confirm.

1.5 Delete all Entry from the Phonebook Directory:

1. Press the [PHONEBOOK BUTTON] to enter the Phonebook directory.
2. Press [OK BUTTON] to enter the phonebook Menu.
3. Press [SCROLL UP or DOWN BUTTON], to select "DELETE ALL".

4. Press [OK BUTTON] to confirm and the handset will prompt you to reconfirm the delete all function.
5. Press the [OK BUTTON] to confirm.

MENU Function Programming 2: HANDSET SETTING



> **HANDSET SUB-MENU Information:**

> **Ring Tone**

- External
- Internal
- Volume

> **Auto Talk**

- ON
- OFF

> **Handset Name**

- Enter new handset name

> **Keypad Beep**

- ON
- OFF

> **Select Base**

- Auto
- Manual

> **Reset**

- Reset?
- Pin_ _ _ _ (enter 4 digit pin code)

> **Area Code**

- Edit
- _ _ _ (enter new three digit Area Code)

> **Language**

- English
- Francais (French)
- Espanol (Spanish)

2.1 Setting the Handset Ringer Melody and Volume:

You can change the ringer melody for an Incoming call (EXTERNAL Call) and Intercom call (INTERNAL Call).

Handset Ringer Melody:

You can select the Handset Ringer Melody selection from 1 to 9.

1. Press [MENU BUTTON] while in STANDBY mode.
2. Press the [SCROLL UP or DOWN BUTTON] to go to the "HANDSET" Setting, press [OK BUTTON].
3. Press the [SCROLL UP or DOWN BUTTON] to go to the "RING TONE" Setting, press [OK BUTTON].
4. Press the [SCROLL UP or DOWN BUTTON] to go to the "EXTERNAL or INTERNAL" Setting, press [OK BUTTON].
5. Select from the Melody (selection 1 to 9) and press [OK BUTTON].

OR

1. While in STANDBY mode, Press and Hold the [MELODY BUTTON] until the current melody is heard. Select the desired Melody (selection 1 to 9) by means of [SCROLL UP OR DOWN BUTTON].
2. Press the [MELODY BUTTON] again to confirm the setting.

Handset Ringer Volume:

You can select the Handset Ringer Volume selection from level 1 to 5 and OFF.

1. Press [MENU BUTTON], press [SCROLL UP OR DOWN BUTTON] to scroll to "HANDSET" Setting and press [OK BUTTON].
2. Press [SCROLL UP OR DOWN BUTTON] to scroll to "RING TONE" and press [OK BUTTON].
3. Press [SCROLL UP OR DOWN BUTTON] to scroll to "VOLUME" and press [OK BUTTON].
4. Select the Volume level (Level 1 to 5 or OFF) and press [OK BUTTON].

OR

1. While in STANDBY mode, Press the [VOLUME BUTTON], the handset will ring in the current volume.
2. Select the desired Volume level (selection 1 to 5 or OFF) by means of [SCROLL UP OR DOWN BUTTON].
3. Press the [VOLUME BUTTON] again or press [OK BUTTON] to confirm the setting.

NOTE: When the Volume is set to OFF, the handset will not ring when there is an incoming call and the LCD display will show the crossed out Bell icon.

2.2 Auto TALK – Answer ON/OFF:

When there is an incoming call and the handset is on the base, the handset automatically takes the line (Turns ON) when the handset is lifted off the base. This function can be turned ON or OFF.

1. While in STANDBY mode. Press [MENU BUTTON].
2. Press the [SCROLL UP or DOWN BUTTON] to go to the "HANDSET" Setting, press [OK BUTTON].
3. Press the [SCROLL UP or DOWN BUTTON] to go to the "AUTO TALK" Setting, press [OK BUTTON].
4. Press the [SCROLL UP or DOWN BUTTON] to select "ON" or "OFF", press [OK BUTTON] to confirm.

2.3 Handset Name Setting:

You can change the name that appears on the LCD screen (maximum 9 characters) during Stand by Mode.

1. While in Stand by Mode, Press [MENU BUTTON].
2. Press the [SCROLL UP or DOWN BUTTON] to go to the "HANDSET" Setting, press [OK BUTTON].

3. Press the [SCROLL UP or DOWN BUTTON] to go to the "HANDSET NAME" Setting, press [OK BUTTON].
4. The current Handset name is shown on the LCD display. Delete the character using the [MUTE BUTTON].
5. Use the keypad to enter the New Name. Press [OK BUTTON] to confirm.

2.4 Handset Key Pad Beep Tone ON/OFF:

You can set the handset to emit confirmation beep whenever you press a key.

1. While in STANDBY mode. Press [MENU BUTTON].
2. Press the [SCROLL UP or DOWN BUTTON] to go to the "HANDSET" Setting, press [OK BUTTON].
3. Press the [SCROLL UP or DOWN BUTTON] to go to the "KEYPAD BEEP" Setting, press [OK BUTTON].
4. Press the [SCROLL UP or DOWN BUTTON] to select "ON" or "OFF", press [OK BUTTON] to confirm.

2.5 Base Selection – Auto or Manual:

You can set the handset to select the Base by "AUTO or MANUAL Selection".

AUTO Selection, is when you prefer the handset to automatically select the available base during handset registration.

MANUAL Selection is when you prefer to assign the base unit for registration.

1. While in STANDBY mode. Press [MENU BUTTON].
2. Press the [SCROLL UP or DOWN BUTTON] to go to the "HANDSET" Setting, press [OK BUTTON].
3. Press the [SCROLL UP or DOWN BUTTON] to go to the "SELECT BASE" Setting, press [OK BUTTON].
4. Press the [SCROLL UP or DOWN BUTTON] to select "MANUAL" or "AUTO", press [OK BUTTON] to confirm.

NOTE: When you have activated the AUTO BASE selection, and the handset is out of range on the current base, the handset will only search for the strongest base in standby (not during communication).

Before you can select a Base unit, the handset must be registered to the base first.

2.6 Handset Reset:

This will undo all handset setting changes and set back all to factory default setting (i.e. ringer volume, ringer melody, date and time etc.).

1. Press [MENU BUTTON], use the SCROLL UP OR DOWN BUTTON] to scroll to the handset and press [OK BUTTON].
2. Press the [SCROLL UP OR DOWN BUTTON] to scroll to RESET and press [OK BUTTON].
3. Enter the Pin Code (default pin code is 0000) and press [OK BUTTON]. The handset will reset to factory setting and will go back to standby mode.

2.7 Phone Number Area Code Setting:

This will enable you to set automatically the 3 digit Area code.

1. Press [MENU BUTTON], press [SCROLL UP or DOWN BUTTON] to scroll to "HANDSET" Setting and press [OK BUTTON].
2. Press [SCROLL UP OR DOWN BUTTON] to scroll to "AREA CODE" and press [OK BUTTON].
3. The current Area code number will be displayed. Press [MUTE BUTTON] to delete the existing Area Code. The "NUMBER?" will be displayed;

4. Enter the new three digits Area Code and press [OK BUTTON] to confirm. The handset will emit a long beep and will display "SAVED" to confirm new Area Code number.

2.8 Handset Language Display Setting:

This will enable you to select the display language from English, French and Spanish.

1. Press [MENU BUTTON], press [SCROLL UP OR DOWN BUTTON] to scroll to "HANDSET" Setting and press [OK BUTTON].
2. Press [SCROLL UP OR DOWN BUTTON] to scroll to "LANGUAGE" and press [OK BUTTON].
3. The current language setting will be displayed. Press [SCROLL UP OR DOWN BUTTON] to select from the language selection (English, Francais, Espanol).
4. Press [OK BUTTON] to confirm selection. The handset will emit a long beep and will display "SAVED" to confirm new Language setting.

MENU Function Programming 3: BASE SETTING



> **BASE SUB-MENU Information:**

> **Dial Mode**

- Tone
- Pulse

> **System Pin**

- Old Pin _ _ _ _
(enter Old 4 digit Pin Code)
- New Pin _ _ _ _
(enter New 4 digit Pin Code)

3.1 Dial Mode:

Setting to TONE or PULSE Dialing mode:

There are two types of dialing mode TONE (default) and PULSE dialing, for older telephone line installations.

1. To change the model of dialing from TONE to PULSE or PULSE to TONE. Press the [MENU BUTTON] and press [SCROLL UP OR DOWN BUTTON] to scroll to "BASE SETTING" and press [OK BUTTON].
2. Press [SCROLL UP OR DOWN BUTTON] to scroll to "DIAL MODE" and press [OK BUTTON].
3. Press [SCROLL UP OR DOWN BUTTON] to select "TONE" or "PULSE" dial mode, and press [OK BUTTON] to confirm selection.

3.2 Changing the Pin Code:

Certain functions are only available if you know the PIN Code of the Base. The PIN Code has 4 digits.

The default Pin Code setting is "0000".

If you would like to change the PIN Code and set your own secret code, do the following steps.

1. Press [MENU BUTTON], press [SCROLL UP OR DOWN BUTTON] to scroll to "BASE" Setting and press [OK BUTTON].
2. Press [SCROLL UP OR DOWN BUTTON] to scroll to "SYSTEM PIN" and press [OK BUTTON].
3. Enter the OLD PIN and press [OK BUTTON].
4. Enter the NEW PIN and press [OK BUTTON].
5. Press the NEW PIN again and press [OK BUTTON]. If it is successful, it will display "PIN CHANGED".

NOTE: if the Wrong PIN is entered, "ERROR PIN" is shown on the LCD Display.

MENU Function Programming 4: **SETTING THE DATE & TIME**



> DATE TIME SUB-MENU Information:

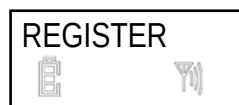
- > Year?**
 - Selection from 00 to 31
- > Month?**
 - Selection from 01 to 12
- > Day?**
 - Selection from 01 to 31
- > Hour?**
 - Selection from 00 to 23
- > Minute?**
 - Selection from 00 to 59

You can change the date and time display on the Handset LCD Display as follows:

1. Press [MENU BUTTON] while in STANDBY mode.
2. Press the [SCROLL UP or DOWN BUTTON] to go to the DATE and TIME Setting, press [OK BUTTON].
3. Enter YEAR?
 - Press the TELEPHONE KEYPAD button (selection from 00 to 31) to enter the year and press [OK BUTTON].
4. Enter MONTH?
 - Press the TELEPHONE KEYPAD button (selection from 01 to 12) to enter the month and press [OK BUTTON].
5. Enter DATE?
 - Press the TELEPHONE KEYPAD button (selection from 01 to 31) to enter the date and press [OK BUTTON].

6. Enter HOUR?
 - Press the TELEPHONE KEYPAD button (selection from 00 to 24) to enter the hours and press [OK BUTTON].
7. Enter MINUTE?
 - Press the TELEPHONE KEYPAD button (selection from 00 to 59) to enter the hour and press [OK BUTTON].

MENU Function Programming 5: **HANDSET REGISTRATION TO THE BASE**



> REGISTER SUB-MENU Information:

- BASE 1
- BASE 2
- BASE 3
- BASE 4
- BASE 5
- > PIN-- _ _ _ _
- (enter 4 digit Pin Code)

The following Mountain Bell Phones DECT 6.0 Cordless phone model series can register (subscribe) five handsets in one base.

You can purchase any of the following DECT 6.0 versions.

- **31231 (One Handset, One Base)**
- **31232 (Two Handsets, One Base)**
- **31233 (Three Handsets, One Base)**
- **31230 (One handset, One Charger Unit)**

You only need to register (subscribe) the handset if:

1. The Handset registration (subscription) is disrupted and the handset has lost link with the base.
2. If you want to ADD or subscribe an additional handset (i.e. MB31230 Extra Handset with Charger) to the base unit of any of the Mountain Bell Phones DECT 6.0 Cordless phone series.

To register (subscribe) the handset to the base unit, Reset the base power and the base will be in "Registration Mode" for 60 seconds. During this time you must do the following to register (subscribe) the handset.

1. Press the [MENU BUTTON]. Press [SCROLL UP or DOWN BUTTON] to scroll to select "REGISTER" and press [OK BUTTON].
2. Use the [SCROLL UP or DOWN BUTTON] to select the number of base unit you would like to subscribe the handset to (1 to 4). The handset unit will start searching for the base unit and when found it will ask to enter the four digits "PIN CODE".
3. Enter the base PIN CODE (0000 – which is the Factory Default PIN CODE) and press [OK BUTTON]. If the PIN CODE is wrong, the handset will restart searching for the base.
4. When the handset is registered, it will show "HS" followed by the assigned handset number.

MENU Function Programming 6: **HANDSET DE-REGISTRATION TO THE BASE:**



> DE-REGISTER SUB-MENU Information:

- PIN-- _ _ _ _
(enter 4 digit Pin Code)

You can de-register, remove (unsubscribe) from the base to allow another handset to be registered.

1. Press the [MENU BUTTON]. Use [SCROLL UP or DOWN BUTTON] to scroll to select "DE-REGISTER" and press [OK BUTTON].
2. Enter the base PIN CODE (0000 – which is the Factory Default PIN CODE) and press [OK BUTTON]. If the PIN CODE is wrong, the handset will restart searching for the base.
3. Enter the handset number (i.e. HS 1 to 5) you want to remove and press [OK BUTTON]. The handset de registration is successful when the handset goes back to MENU mode. If it not successful, it will ask you to enter the handset number of the handset you wish to remove or de-register.

NOTE: You can only remove (de-register) other existing "registered" handsets on the base except the one you are using during the de-registration process.

De-registration feature can only be used if your DECT 6.0 Phone has two or more handsets that is registered to the base (i.e. two, three, four handset version).

TECHNICAL INFORMATION

This DECT 6.0 cordless phone uses radio frequencies to allow mobility. There are certain difficulties in using radio frequencies with a DECT 6.0 cordless telephone. While these are normal, the following could affect the operation of your system.

Noise: Electric pulse noise is present in most homes at one time or another. This noise is most intense during electrical storms. Certain kinds of electric equipment such as light dimmers, fluorescent bulbs, motors, and fans also generate noise pulses. Because radio frequencies are susceptible to these noise pulses, you may occasionally hear them in your handset. Generally they are a minor annoyance and should not be interpreted as a defect in your system.

Range: Because radio frequencies are used, location of the base unit can affect operating range. Try several locations in your home or business and pick the one that gives you the clearest signal.

Interference: Some electronic devices operate in and/or generate interference near the operating frequencies of your cordless telephone. While several protection circuits are used to prevent unwanted signals, there may be periods when these unwanted signals cause interference. If interference occurs frequently, it can be minimized or eliminated by relocating the base unit. You can check for interference before selecting the final base unit location by plugging in the phone.

Improving Cordless Reception:

Follow these guidelines to improve cordless sound quality:

- It is closest to the center of your home or office. This will improve the operating range of the unit.
- Keep the base unit away from electrical equipment. Radio Frequency Interference (RFI) is sometimes generated by these appliances, which can cause degradation in cordless reception.
- Keep the handset batteries charged as much as possible. Weak handset batteries can limit the range of cordless operation.

CHARACTER ENTRY TABLE

If you are assigning names for stored phone numbers into memory, please follow the table below to determine the equivalent keypad keystrokes are needed for a certain character. Please refer to "STORING PHONE NUMBERS" on how to store phone numbers.

KEYPAD BUTTON	CHARACTERS								
1	(space)	+	-	/	1				
2	A	B	C	2					
3	D	E	F	3					
4	G	H	I	4					
5	J	K	L	5					
6	M	N	O	6					
7	P	Q	R	S	7				
8	T	U	V	8					
9	W	X	Y	Z	9				
0	-	0							

HOW TO USE THIS TABLE

1. Select the appropriate character to be entered from the CHARACTERS columns.
2. Find the corresponding KEYPAD BUTTON located on the same row.
3. Press the corresponding KEYPAD BUTTON several times (depending on which column where the selected character is located). For example: if the letter "C" was chosen, press KEYPAD # 2 three times until "C" appears on the LCD panel.

EXAMPLE:

If you want to enter "12 ACME+CO", then the following keystrokes will be needed:

<i>Character</i>	<i>Key press Needed</i>
1	Press 1 five times.
2	Press 2 four times.
(space)	Press 1 one time.
A	Press 2 one time.
C	Press 2 three times.
M	Press 6 one time.
E	Press 3 two times.
+	Press 1 two times.
C	Press 2 three times.
O	Press 6 three times.

TROUBLESHOOTING

TELEPHONE UNIT TROUBLESHOOTING TABLE	
SYMPTOM	SOLUTION
No dial tone	• Check for the telephone line cord connectors at both ends that they are pushed in firmly until they click.
Does not ring	• Check to see if the programmable ringer volume is set to OFF. Refer to the "MENU Function 2 : HANDSET - Setting the Ringer ON/OFF" section of the manual. • You may have exceeded the Ringer Equivalence Number (REN) limit of how many phones can be connected to the same line. The REN total of all devices (printed on the bottom label of each unit) should not exceed five (5). Disconnect the appropriate units to lower the REN total.
No power on the handset unit	• Check for the Ni-MH battery pack connection inside the battery compartment on the handset. • The handset rechargeable Ni-MH battery pack may need charging.
Does not charge	• Make sure the charging contacts on both the base unit and the handset is in contact during charging.
Range is limited	• Move the base unit so that it is centrally located in your residence or office and make sure that the base unit is not located near appliances. • Refer to the "Technical Information" section regarding range.
Calls received flutters or fades	• The handset rechargeable Ni-MH battery pack may need charging.

CALLER ID SYSTEM TROUBLESHOOTING TABLE	
SYMPTOM	SOLUTION
The Caller ID LCD panel is blank	• Check the power connections. • Check the telephone line cord connections. • Check the batteries for proper installation. • The handset LCD panel will only start displaying information after the first call is received.
The Caller ID LCD panel does not show the caller's name and/or phone number	• The Caller ID unit will not function until you have Caller ID service provided by your local phone company. Call your local phone company to have Caller ID installed on your telephone line. • Check your telephone line connections. Make sure all connections are secure and connected. • If you have a Telephone Answering Device (TAD) connected with the unit, set the TAD to answer after two rings or more. • If it is a blocked call or an out-of-area call, the caller's name and/or phone number will not appear on the display. Please refer to the "Receiving Caller ID Information" section for more details. • If only the caller's phone number appears on the display, it may be a Single Data Message Format (SDMF) calls, as opposed to a Multiple Data Message Format (MDMF) calls.
Random characters and/or "DATA ERROR" appear on the LCD panel.	• On rare occasions, the Caller ID information sent by the telephone company may have an error in the transmission. This is not the fault of your Caller ID unit.
Cannot get Call Waiting identification on the LCD panel.	• * Subscription to Caller ID Call Waiting (CIDCW) is required from your local phone company for the CIDCW function to operate properly. Call your local phone company for details.



THIS SYMBOL IS INTENDED TO ALERT THE USER OF THE PRESENCE OF IMPORTANT OPERATING AND MAINTENANCE (SERVICING) INSTRUCTIONS IN THE OWNER'S MANUAL.

AC Adaptor of Base Unit: Use only with Class 2 Power Source, 6V DC, 200mA output.

AC Adaptor of Charger Unit: Use only with Class 2 Power Source, 7.5V DC, 100mA output.



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