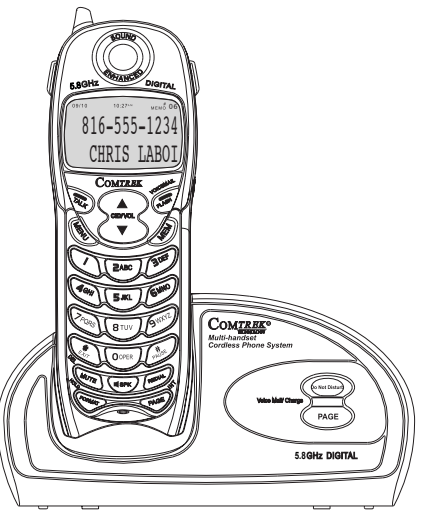


5.8 GHz Digital Multi-Handset Cordless Phone System with EZ-READ Caller ID



This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

- If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
- Reorient or relocate the receiving antenna (that is, the antenna for radio or television that is "receiving" the interference).
- Reorient or relocate and increase the separation between the telecommunications equipment and receiving antenna.
- Connect the telecommunications equipment into an outlet on a circuit different from that to which the receiving antenna is connected.

If these measures do not eliminate the interference, please consult your dealer or an experienced radio/television technician for additional suggestions. Also, the Federal Communications Commission has prepared a booklet titled "How To Identify and Resolve Radio/TV Interference Problems." This booklet is available from the U.S. Government Printing Office, Washington, D.C. 20402. Please specify stock number 004-000-00345-4 when ordering copies.

Licensing

Licensed under US Patent 6,427,009

Hearing Aid Compatibility (HAC)

This telephone system meets FCC standards for Hearing Aid Compatibility.

US Number is located on the cabinet bottom
REN number is located on the cabinet bottom

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Introduction

CAUTION: When using telephone equipment, there are basic safety instructions that should always be followed. Refer to the IMPORTANT SAFETY INSTRUCTIONS provided with this product and save them for future reference.

Features:

- 5.8 GHz Digital Spread Spectrum Technology
- Multi-Handset Phone System
- EZ Read Caller ID Backlit Display
- Bright Backlit Keypad
- Full Duplex Handset Speakerphone
- Call-Waiting Caller ID Compatible
- Voice Mail Indicator
- One-Touch Voice Mail Access
- 60 Name and Number Phone Book
- Do Not Disturb Ringer Option
- Ten Melodic Ring Tones
- Supports up to four handsets
- 3-Way Conference/Call Transfer
- Room Monitoring (requires at least two handsets)
- Headset Jack Option

Your Caller ID Call Waiting phone allows you to:

- View the name and telephone number of a caller (Call Waiting Caller ID) while you are on the phone.
- Identify callers before you answer the phone.
- View the time and date of each incoming call.
- Record up to 40 caller ID messages sequentially.
- Know who called while you are on the other line or when you were away.
- Screen unwanted calls, eliminate harassment from annoying calls, or to get prepared before answering a call.

IMPORTANT: Because cordless phones operate on electricity, you should have at least one phone in your home that isn't cordless, in case the power in your goes out.

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Telephone Jack Requirements

To use this phone, you need an RJ11C type modular telephone jack, which might look like the one pictured here, installed in your home. If you don't have a modular jack, call your local phone company to find out how to get one installed.

Installation

INSTALLATION NOTE: Some cordless telephone operate at frequencies that may cause or receive interference with TVs, microwave Ovens, and VCRs. To minimize or prevent such interference, the base of the cordless telephone should not be placed near or on top of a TV, microwave ovens, or VCR. If such interference continues, more the cordless telephone farther away from these appliances. Certain other communications devices may also use the 5.8GHz frequency for communication, and, if not properly set, these devices may interfere with each other and/or your new telephone. If you are concerned with interference, please refer to the owner's manual for these devices on how to properly set channels to avoid interference. Typical devices that may use the 5.8GHz frequency for communication include wireless audio/video senders, wireless computer networks, multi-handset cordless telephone system, and some long-range cordless telephone system.

- Never install telephone wiring during a lightning storm.
- Never install telephone jacks in wet locations unless the jack is specifically designed for wet location.
- Never touch non-insulated telephone wires or terminals, unless the telephone line has been disconnected at the network interface.
- Use caution when installing or modifying telephone lines.
- Temporarily disconnect any equipment connected to the phone such as faxes, other phones, or modems.

Installation Guide Lines

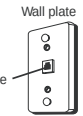
- Install telephone near both a telephone (modular) jack and an electrical power outlet.
- Avoid sources of noise, such as a window by a busy street, and electrical noise, such as motors, microwave ovens, and fluorescent lighting.
- Avoid heat sources, such as heating air ducts, heating appliances, radiators, and direct sunlight.
- Avoid areas of excessive moisture or extremely low temperatures.
- Avoid dusty locations.
- Avoid other cordless telephones or personal computers.

Installing the Phone

Choose the best location to install your base and handset charge cradle. Your base and handset charge cradles should be placed on a level surface such as a desk or table top.

Installing the Handset Battery

NOTE: You must connect the handset battery before use.



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- The receiving handset will turn on the microphone and the originating handset will turn on the earpiece to monitor sound from the receiving handset.

NOTE: For room monitoring mode to work, the originating handset must NOT be on the cradle. It will exit room monitor mode if it is on the cradle.

NOTE: While in room monitoring mode, the handsets will emit an alert tone approximately every 5 seconds if there is an incoming call. You may press the TALK/END/CALL BACK button to quit room monitor and answer the call.

NOTE: While in room monitoring mode, the originating handset can be switched to monitor by speaker mode by pressing the SPKR button once. Switch back to earpiece by pressing the TALK/END/CALL BACK button once.

NOTE: Press the *EXIT button on the handset to exit room monitor mode.

Programming the Telephone

Standby Screen

The handset displays the handset number and user name.

USER NAME
HANDESET *

Programming Functions

The system uses a menu structure to give you access to all of the built-in features. You may program the following items in main menu: Handset Setup, Room Monitor (only available with 2 or more handset).

HANDESET SETUP
ROOM MONITOR

Handset Setup

1. Make sure your phone is OFF (not in talk mode).
2. Press the MENU button to go to the main menu.
3. Press MENU button to confirm and you may program the following items: Set Language, Handset Name, Ringer Tone, Ringer Volume, VIP Melody, Set Tone / Pulse, Key Tone ON/OFF, Area Code, Voice Mail #, Registration, De-registration and Default Setting. During programming, you may press the *EXIT button at any time to exit the menu and return to the sub-menu. Make sure your phone is OFF (not in talk mode).

Language

1. Press the CIDVOL (▲ or ▼) button to scroll to the SET LANGUAGE menu.
2. Press MENU button to enter the menu. SET LANGUAGE 1ENG 2FRA 3ESP shows in the display.
3. Use the touch tone pad on the handset to select 1ENG, 2FRA, 3ESP, or use the CIDVOL (▲ or ▼) button to scroll to the desired language. English is the default setting.
4. Press the MENU button to save your selection. You will hear a confirmation tone and the selected language shows in the display.

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- You have your Caller ID record previously transferred to the memory. (Refer to Storing CID Records in Internal Memory). "NO USER MEMORY" will show in the display to remind the user to do CID record transfer first.

Storing VIP Melody

1. With handset in standby mode.
2. Press MENU button once to display the submenus: HANDSET SETUP and ROOM MONITOR.
3. Press MENU button to enter into HANDSET SETUP.
4. Press the CIDVOL (▲ or ▼) button to scroll to VIP MELODY submenu.
5. Press MENU button to select VIP melody feature and then display VIP 1 record.
- If VIP1 does NOT contain any specific number/records, it will display EMPTY.
6. Press CIDVOL (▲ or ▼) button to select the specific VIP melody memory location (10 VIP locations) that does not contain any record.
7. Press MENU button to display SELECT MEMORY.

NOTE: If the memory location does not contain any CID memory records and you are trying to mark a specific record as VIP MELODY, then "SELECT MEMORY" will not be displayed. Instead, "NO USER MEMORY" will display in prompt to alert the user.

8. Press CIDVOL (▲ or ▼) button to view the records from memory to be selected as VIP.
9. Press MENU button to confirm and then display VIP MELODY 01 to wait for the melody tone selection.
10. Press CIDVOL (▲ or ▼) button to select from melody 01 to melody 10 (a testing tone is generated while making melody selection)
11. Press MENU button to confirm.

NOTE: If the desired number/record was previously stored in any one of the ten VIP melody records, "DUPLICATE NUMBER" shows in the display.

Changing a Stored VIP Melody Record

Use the Storing VIP Melody procedure to change the number of a selected record and replace the old phone number with new phone number. When REPLACE VIP# ? shows in the display, you must press MENU button on the handset to confirm replacement.

Reviewing And Deleting Stored VIP Melody Record

1. Press the MENU button to enter to VIP MELODY menu.
2. Use the CIDVOL (▲ or ▼) button to scroll to the desired VIP Melody Record.
3. If you want to delete the information, press the DEL/MUTE button on the handset while the entry displays. The display show DELETE VIP# ?
4. Press DEL again to confirm. You will hear a confirmation tone and VIP# DELETED show in the display.

Set Tone / Pulse

1. Press the CIDVOL (▲ or ▼) button to scroll to the SET TONE/PULSE menu.
2. Press MENU button to enter the menu. SET TONE/PULSE 1TONE 2PULSE shows in the display.

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3. Use the touch tone pad on the handset to select 1or 2 , or use the CIDVOL (▲ or ▼) button to scroll to your selection. "1TONE" is the default setting.
4. Press the MENU button to save your selection. You will hear a confirmation tone and the new volume setting shows in the display.

Key Tone

1. Press the CIDVOL (▲ or ▼) button to scroll to the KEY TONE menu.
2. Press MENU button to enter the menu. SET KEY TONE 1ON 2OFF shows in the display.
3. Use the touch tone pad on the handset to select 1 or 2, or use the CIDVOL (▲ or ▼) button to scroll to your selection. "1ON" is the default setting.
4. Press the MENU button to confirm and the key tone setting shows in the display.

Area Code

1. Press the CIDVOL (▲ or ▼) button to scroll to the AREA CODE menu.
2. Press MENU button to enter the menu. SET AREA CODE - - - shows in the display.
3. Use the touch-tone pad to enter your 3-digit area code.
4. Press the MENU button to confirm. You will hear a confirmation tone and the new area code shows in the display.

NOTE: To restore the default setting to - - -, press and release DEL when "SET AREA CODE" shows in the display.

One-Touch Voice Mail Access

This function can use if you have subscribed to telco voice mail service.
1. Press the CIDVOL (▲ or ▼) button to scroll to the VOICE MAIL # menu.
2. Press MENU button to enter the menu. SET VOICE MAIL # shows in the display.
3. Use the touch-tone pad to enter the voice mail number and it can up to 20 numbers.
4. Press the MENU button to confirm. You will hear a confirmation tone and the voice mail # shows in the display.
5. To include a PIN number after voice mail number, use PAUSE button to add dialing example 555-555-1212p1234.
6. Then, it will exit to program sub-menu screen.

Registration

This setting may be made with the handsets. De-registration cancels registration. During the de-registration process, keep the handset near the base.

1. If necessary, press the MUTE/PROG button to scroll to the DEREGISTRATION menu. The default is "2NO".
2. Use the touch-tone pad to select 1 for YES or 2 for NO. Or use the CIDVOL (▲ or ▼) button to scroll to 1YES or 2NO.
3. If you select YES, press the MENU button to confirm your selection. HOLD: BASE PAGE WAIT FOR BEEP shows in the display.
4. Press and hold the page button on the base unit until you hear a long tone at the handset. HANDESET X REGISTERED shows in the handset display, where X is the handset name. You will hear a confirmation tone.

De-Registration

This setting may be made with the handsets. De-registration cancels registration. During the de-registration process, keep the handset near the base.

1. If necessary, press the MUTE/PROG button to scroll to the DEREGISTRATION menu. The default is "2NO".
2. Use the touch-tone pad to select 1 for YES or 2 for NO. Or use the CIDVOL (▲ or ▼) button to scroll to 1YES or 2NO.

WARNING: It is not recommended that a handset be de-registered unless absolutely necessary because once a handset is de-registered, that handset's telephone features cannot be used until the handset is re-registered.

3. Select NO, if you do not want to de-register.
4. If you select YES, press the MUTE/PROG button and MOVE NEAR TO BASE displays for 2 seconds, then CONFIRM? 1YES 2NO appears in the display.
5. Press the touch-tone pad to select 1YES or 2NO, or use the CIDVOL (▲ or ▼) button to scroll to 1YES or 2NO.
6. If you select YES, press the MENU button to confirm. You will hear a confirmation tone. Then HANDESET X DEREGISTERED shows in the display to confirm the handset is deregistered.

NOTE: When you complete the de-registration process, "HANDESET NEEDS REGISTRATION" shows in the display. To use the handset, you must register the handset.

Global De-registration

If one or more handsets becomes lost, you should de-register all handsets to ensure proper system operation. Follow the steps below to de-register both handsets at the same time.
WARNING: It is not recommended that a handset be de-registered unless absolutely necessary because once a handset is de-registered, that handset's telephone features cannot be used until the handset is re-registered.

1. Press and hold the page button on the base until the IN USE/CHARGE indicator on the base flashes.
2. Press and hold the page button on the base again until the IN USE/CHARGE indicator on the base flashes rapidly.
3. Press and release the page button on the base once. All handsets are de-registered and HANDESET NEEDS REGISTRATION shows in the display.

Default Setting

As you become familiar with this system, you may prefer to use the system's original settings. Follow the steps below to return to the factory default settings.

1. Press the CIDVOL (▲ or ▼) button to scroll to the DEFAULT SETTING menu.
2. Press the MENU button to enter the menu. DEFAULT SETTING 1YES 2NO shows in the display.
3. Use the touch-tone pad to select 1YES or 2NO, or use the CIDVOL (▲ or ▼) button to move the cursor to 1YES or 2NO. "2NO" is default setting.

NOTE: If you choose YES all the settings in the programmable menu are returned to factory default setting.

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Equipment Approval Information

Your telephone equipment is approved for connection to the Public Switched Telephone Network and is in compliance with parts 15 and 68, FCC Rules and Regulations and the Technical Requirements for Telephone Terminal Equipment published by ACTA.

1. Notification to the Local Telephone Company
On the bottom of this equipment is a label indicating, among other information, the US number and Ringer Equivalence Number (REN) for the equipment. You must, upon request, provide this information to your telephone company.

The REN is useful in determining the number of devices you may connect to your telephone line and still have all of these devices ring when your telephone number is called. In most (but not all) areas, the sum of the RENs of all devices connected to one line should not exceed 5. To be certain of the number of devices you may connect to your line as determined by the REN, you should contact your local telephone company.

A plug and jack used to connect this equipment to the premises wiring and telephone network must comply with the applicable FCC Part 68 rules and requirements adopted by the ACTA. A compliant telephone cord and modular plug is provided with this product. It is designed to be connected to a compatible modular jack that is also compliant. See installation instructions for details.

- Notes**
 - This equipment may not be used on coin service provided by the telephone company.
 - Party lines are subject to state tariffs, and therefore, you may not be able to use your own telephone equipment if you are on a party line. Check with your local telephone company.
 - Notice must be given to the telephone company upon permanent disconnection of your telephone from your line.
 - If your home has specially wired alarm equipment connected to the telephone line, ensure the installation of this product does not disable your alarm equipment. If you have questions about what will disable alarm equipment, consult your telephone company or a qualified installer.

2. Rights of the Telephone Company
Should your equipment cause trouble on your line which may harm the telephone network, the telephone company shall, where practicable, notify you that temporary discontinuance of service may be required. Where prior notice is not practicable and the circumstances warrant such action, the telephone company may temporarily discontinue service immediately. In case of such temporary discontinuance, the telephone company must: (1) promptly notify you of such temporary discontinuance; (2) afford you the opportunity to correct the situation; and (3) inform you of your right to bring a complaint to the Commission pursuant to procedures set forth in Subpart E of Part 68, FCC Rules and Regulations, or procedures where such action is required in the operation of its business and not inconsistent with FCC Rules and Regulations. If these changes are expected to affect the use or performance of your telephone equipment, the telephone company must give you adequate notice, in writing, to allow you to maintain uninterrupted service.

Interference Information

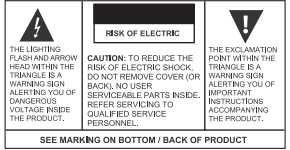
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference; and (2) This device must accept any interference received, including interference that may cause undesired operation.

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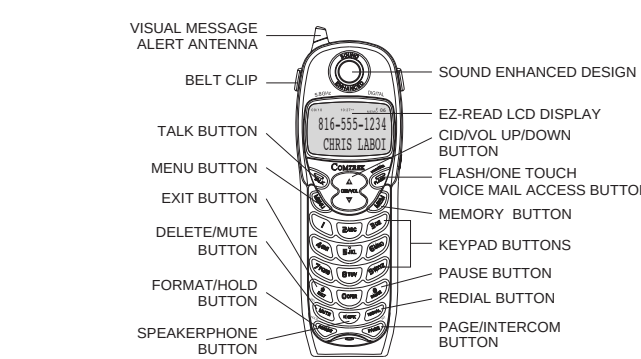
Installing The Handset Battery	6	Inserting a Pause in the Dialing Sequence	19
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Mute	15		
HOLD	15		
Receiver Volume Control	15		

FCC RF Radiation Exposure Statement

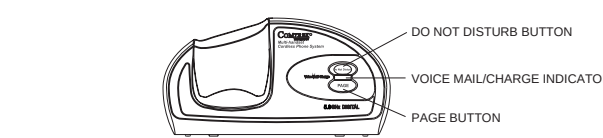
This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body. This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.
For body worn operation, this phone has been tested and meets the FCC RF exposure guidelines when used with the belt clip supplied with this product. Use of other accessories may not ensure compliance with FCC RF exposure guidelines.



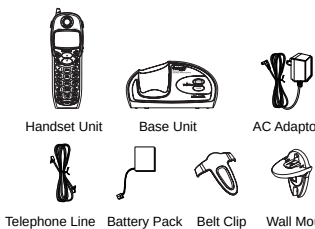
Handset Layout



Base Layout



Parts Checklist



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Room Monitor (requires two handset)

1. Make sure your phone is OFF (not in talk mode).
2. Press the MENU button to go to the main menu.
3. Press CIDVOL (▲ or ▼) button to scroll to ROOM MONITOR.
4. Press MENU button to enter ROOM MONITOR menu. ROOM MONITOR EXTENSION? shows in the display.
5. Use the touch tone pad to enter the handset number to be monitored, either 1 or 2.

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Flash/Voice Mail

If you subscribe to the combined Call Waiting Caller ID service from your local telephone company, you will receive Caller ID information (if available) on Call Waiting calls. During a phone call, you will hear a beep to indicate another call is waiting on the line and Caller ID information for the waiting call shows on the handset display.

- To connect to the waiting call, press the **FLASH** button on the handset, and your original call is put on hold.
- To switch between the two calls, press the **FLASH** button.

TIP: Do not press the **TALK** button on the handset to activate a custom calling service, such as call waiting, or call will disconnect.

If you subscribe to the voice mail service from your telco provider, you can press the Voice Mail button on the handset to retrieve the voice mail when there is a voice mail in OFF mode. The antenna LED and the base voice mail LED will flashing if there is voice mail for indication.

Last Number Redial

You may redial a number up to 32 digits long. To quickly redial the last number you dialed:

- Press the **TALK** button.
- Press the **REDIAL** button.
- Press the **REDIAL** button first, then use the **CID/VOL** (▲ or ▼) button to select the desired redial number.
- Press the **CID/VOL** (▲ or ▼) to review the oldest call and scroll toward the most recent calls (higher numbers).
- Press the **CID/VOL** (▼) to review the newest call and scroll to older calls (lower numbers).

NOTE: You may choose from three last dialed numbers.

- Press the **TALK** button. The number dials automatically. If you get a busy signal and want to keep dialing the number, press the **REDIAL** button to quickly redial the number.

Exit

Press the ***EXIT** button to exit a menu function and return to the standby display.

Page

The page feature helps you locate a misplaced handset. To send and receive pages, all handsets must be registered. If your handset is not registered, follow the instructions in the Registration section of this manual.

Handset to Handset Paging (not apply on MD2400)

Dual handsets are respectively named as Handset 1 and Handset 2.

- Make sure the phone is OFF (not in talk mode).
- Press and release the **PAGE/INT** button on a handset. **PAGING EXTENSION?** shows in the display.

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- Use the touch-tone pad to enter the handset number you want to page.
- To cancel the page, press the ***EXIT** button.

Paging All Handsets from a Handset

- Make sure the originating phone is OFF (not in talk mode).
- Press and release the **PAGE/INT** button on a handset. **PAGING EXTENSION?** shows in the display.
- Use the touch-tone pad to enter the handset number you want to page. (1= to page Handset 1, 2=to page handset 2, etc., and 5=to page all handsets)
- To cancel the page, press the ***EXIT** or **PAGE/INT** button. On the originating handset, you may press **TALK**.

Paging from the Base/Group Page

Use the base-only to page both registered handsets at the same time.

- Press the page button on the base. All handsets beep for two minutes, and **PAGING FROM BASE** shows on each handset's display.
- To cancel the page, press the page button on the base, or press the **TALK** button or the ***EXIT** button on each handset.

Mute

To have a private, off-line conversation, use the MUTE feature. The party on the telephone line cannot hear you, but you can hear them.

- Press the **MUTE** button. The handset display shows MUTE ON.
- Press the **MUTE** button to cancel and return to your phone conversation.

Hold

During phone conversation, you want to hold the line, use the HOLD feature. The party on the telephone line will be on hold.

- Press the **HOLD / FORMAT** button. The handset display shows LINE ON HOLD.
- Press the **HOLD / FORMAT** button to cancel and return to your phone conversation.

Note: The line will be on hold forever if you forget to press the hold to release the hold even though you recradle the Handset on base or charger.

Receiver Volume Control

When the handset is ON (in talk mode) you may adjust the receiver volume by pressing the **CID/VOL** (▲ or ▼) button. There are four volume levels to choose from. When the maximum or minimum volume level is reached, the phone beeps twice. VOL 1 is minimum and VOL 4 is maximum.

Do Not Disturb (DND)

DND allows you to mute the ringer of the handset. In the standby mode, press and hold the **DO NOT DISTURB** button on the base. The DND backlit indicator will light and **DO NOT DISTURB** shows in handset display. To cancel, press **DO NOT DISTURB** again.

Handset Speakerphone Operation

NOTE: If you are using the speakerphone, remain close to handset so the party you are speaking to can hear you.

Answering a Call with the Handset

- When the phone rings, press the **SPK** button on the handset.
- When finished, press the **SPK** button again to hang up.

Making a Call with the Handset

- Make sure the phone is OFF (not in talk mode).
- Dial the desired number, or Press the **CID/VOL** (▲ or ▼) button to select the desired record, or Press MEM button and then use **CID/VOL** (▲ or ▼) button to select desired memory record.

NOTE: If you are using the handset and want to switch to the speakerphone, press the **SPK** button, press **SPK** again to end conversation. If you are using the speakerphone and want to switch to the handset, press the **TALK** button, press **TALK** again to end conversation.

- Press **SPK** to dial number.
- When finished, press the **SPK** button again to hang up.

Intercom Operation (requires two handset)

The intercom feature allows you to have a conversation with another registered handset without tying up the telephone line. And since the telephone line is not in use, you may still receive incoming calls.

Making an Intercom Call

- Make sure the phone is OFF (not in talk mode).
- Press the **PAGE/INT** button on the handset.
- Use the touch-tone pad to select the handset you want to page.

NOTE: To cancel page, press the **PAGE/INT** button again or the ***EXIT** button on the sending handset.

- Wait for the person at the receiving handset to press the **PAGE/INT** button.

NOTE: If the receiving handset does not answer within two minutes, the intercom call is automatically canceled. The originating handset displays "NO ANSWER".

- When finished, press the ***EXIT** button or **PAGE/INT** button on either handset to deactivate the intercom.

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NOTE: The system is expandable up to 4 handsets (by purchase of optional Model MD2420 handset with recharge cradle). When 4 handsets are registered, the system can handle 2 separate intercom operations at once, for example, 1st handset intercoms with 2nd handset while 3rd handset intercoms with 4th handset.

Receiving an Intercom Call

When you receive an intercom call, your handset beeps. To answer the call press the **PAGE/INT** button or **TALK** button.

Advanced Intercom Features

Receiving an Incoming Telephone Call During an Intercom Call

If you receive a telephone call during an intercom call, the intercom call is immediately terminated and both handsets ring. Either handset user may press the **TALK** button to answer the call.

Using Intercom with External Telephone Calls

During a telephone call, you may use the intercom/paging function to page another handset and have an off line, private (two-way) intercom conversation. You may also have a three-way conversation between the external caller and the handsets, or you may transfer the external telephone call to another handset.

NOTE: Before you intercom/page another handset, you must decide whether you want to create a two-way or a three-way conversation.

Two-Way Calling

- During an external call, press the **PAGE/INT** button, and use the touch-tone pad to enter the handset number (1 or 2) you want to call.

NOTE: The receiving handset presses the **PAGE/INT** button to answer the intercom call. Both intercom users may speak privately. The external caller will not hear the intercom conversation.

Three-Way Calling

- During an external call, press the **PAGE/INT** key. LINE ON HOLD EXTENSION? shows in the display.
- Use the touch-tone pad to select Handset 1 or Handset 2. You will hear a paging tone and **PAGING** shows in the originating handset's display.

NOTE: "PAGING FROM..." shows in the display on the receiving handset, and the receiving handset presses the **PAGE/INT** or **TALK** button to answer the intercom.

- When the receiving handset connects, press the **FORMAT/CONF** button on the originating handset to conference with the receiving handset and the external caller. **CONFERENCE** shows in the display on the originating and receiving handsets.

NOTE: A handset can enter conference mode directly by pressing **TALK** on the second handset during a call.

Transferring External Calls to Other Handsets

During an external call, you may transfer the external call to another handset, and then page the receiving handset.

- Use the touch-tone pad on the handset to select Handset 1 or Handset 2. You will hear a paging tone. **PAGING** shows on the originating handset's display, and **PAGING FROM...** shows on the receiving handset's display.
- When the receiving handset connects, press the **TALK** button on the originating handset to transfer the call.
- OR-**
- Press the **TALK** button on the originating handset to transfer the call. If the receiving handset does not answer within 30 seconds, the originating handset rings back and displays **CALL BACK**. If the originating handset does not answer within 20 seconds, the call is automatically dropped.

Memory

You may store sixty 15-character names and 20-digit telephone numbers in the handset memory. Storing a Name and Number in Memory

- Make sure the phone is OFF (not in talk mode).
- Press the **MEM** key to display **SELECT MEMORY** 01-60.
- This telephone system receives and displays CID information transmitted by your local telephone company. This information may include the phone number, date and time; or the name, phone number, and date and time.

NOTE: If the memory location is occupied, the memory location number and stored name and telephone number appear in the display. If the memory location is empty, "EMPTY" appears in the display.

- Press the **MEM** key. The display shows **ENTER NAME**.
- Use the touch-tone pad to enter a name (up to 15 characters). More than one letter is stored in each of the number keys. For example, to enter Bill Smith, press the 2 key twice for the letter B. Press the 4 key 3 times for the letter I. Press the 5 key 3 times for the letter L. Press the 5 key 3 times for the second letter L, and press the 1 key to insert a space between the first and last name. Press the 7 key 4 times for the letter S; press the 6 key once for the letter M; press the 4 key 3 times for the letter I, press the 8 key for the letter T; press the 4 key twice for the letter H.

NOTE: If you make a mistake press the **DEL** button to backspace and erase the wrong character(s) or number(s).

- Press the **MEM** key to confirm and save the record. The display shows **ENTER TEL NUMB**.

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- Use the touch-tone pad to enter the telephone number (up to 20 digits, including pauses (press #PAUSE button)), and press the **MEM** key again to save the record. The unit beeps to confirm.

NOTE: The system treats PAUSES as delays or spaces in the dialing sequence.

- To enter another name and number in a different memory location, return to step 2 and repeat the process.

Storing the Last Number Dialed

- Repeat steps 1 through 6 in Storing a Name and Number in Memory.
- Press the **REDIAL** button on the handset.
- Press the **MEM** button to save. You will hear a confirmation tone.

NOTE: If the redial number has more than 20 digits, it cannot be stored in memory.

Inserting a Pause in the Dialing Sequence (of a Stored Number)

Press the # button on the handset's touch-tone pad to insert a delay in dialing sequence when a pause is needed to wait for a dial tone (for example, after you dial 9 for an outside line, or to wait for a computer access tone). Each pause counts as one digit in the dialing sequence.

Reviewing Records Stored in Memory

- Make sure the phone is OFF (not in talk mode).
- Press the **MEM** key to display **SELECT MEMORY** 01-60.
- Press the **CID/VOL** (▲ or ▼) buttons to scroll the records, or use the handset's touch-tone pad to enter the memory location number.

Changing Records Stored in Memory

Follow the procedure for Storing Names and Numbers in Memory, except replace a stored telephone number with a new one.

Deleting Records Stored in Memory

- Make sure the phone is OFF (not in talk mode).
- Press the **MEM** key to display **SELECT MEMORY** 01-60.
- Press the **CID/VOL** (▲ or ▼) button to scroll to the record you want to delete or use the touch-tone pad to enter the desired memory location.
- Press the **DEL** button to mark the record for deletion. The display shows **DELETE?**
- Press the **DEL** button to delete the record. **DELETED** shows in the display.

NOTE: If you don't want to change or delete a record, simply press the ***EXIT** button, or wait for one minute to exit the review mode automatically.

Dialing a Number from Memory

- Make sure the phone is ON (in talk mode) by pressing the **TALK** button.
- Press the **MEM** key to display memo # - -.
- Use the touch tone pad to enter the memory location number. The number dials automatically.
- OR-**

- Make sure the phone is OFF (not in talk mode).
- Press the **MEM** key to display **SELECT MEMORY** 01-60.
- Press the memory location for the phone number you want to dial, or use the **CID/VOL** (▲ or ▼) button to scroll to the number you want to dial.
- Press the **TALK** button. The number dials automatically.

Chain Dialing from Memory

Use this feature to make calls which require a sequence of numbers, such as a calling card number used for a frequently called long distance number. The following example shows how you can store each part of the dialing sequence and use chain dialing to make a call through a long distance service:

The Number For	Memory Location
Long Distance Access Number	7
Authorization Code	8
Frequently called long distance number	9

- Make sure the phone is ON (in talk mode) by pressing the **TALK/CALLBACK**.
- Press the **MENU** button to access the option menu.
- When you hear the access tone, repeat steps 1 through 6 in Dialing a Number from Memory, and then press 08.
- At the next access tone, repeat steps 1 through 6 in Dialing a Number from Memory, and then press 09.

Caller ID (CID)

Caller ID (CID) is a service available from your local telephone company. For Caller ID to work on this system, you must subscribe to Caller ID service. To receive Caller ID information for a Call Waiting call, you must subscribe to the combined Call Waiting Caller ID service.

This telephone system receives and displays CID information transmitted by your local telephone company. This information may include the phone number, date and time; or the name, phone number, and date and time.



CID Error Codes

Various Caller ID error messages may appear in the display. Refer to the Display Messages section of this User's Guide for more information.

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Receiving CID Records

When you receive a call, the Caller ID information is transmitted between the first and second ring. The Caller ID information appears on the display while the phone rings, giving you a chance to monitor the information and decide whether or not to answer the call.

Storing CID Records (In Caller ID Memory)

If you are not at home or cannot answer, your telephone's Caller ID memory stores the data for the 40 most recent calls you received so you can see who called while you were unavailable. When the 41st call is received, the oldest Caller ID record (1st call) is automatically deleted. As you review CID records, the display shows you the following information for each call:

• The telephone number of the caller.

• The number of the call, with regard to the order received.

• The name of the caller, if this service is available in your area.

• Time and date the call was received.

• NEW appears for all calls that have not been previously reviewed.

• REPT shows in the display for a call that has not been previously reviewed but is received from the same number more than once.

NOTE: Check with your local phone company regarding name service availability.

Storing CID Records in Internal Memory

You may also store CID information in the phone's internal memory. You may not reformat CID records stored in memory.

TIP: To prevent the CID information from automatically being deleted, you may want to store it in the phone's memory.

NOTE: It is important that you format CID records correctly before storing in internal memory.

- Make sure the phone is OFF (not in talk mode).
- Use the **CID/VOL** (▲ or ▼) button to scroll to the desired CID record.
- Press the **MEM** key to display **SELECT MEMORY** 01-50.
- Use the touch-tone pad to enter a memory location number (for example, press 01 to store the record in memory location one).

NOTE: If the memory location is occupied, "REPLACE MEMORY?" is displayed, and you must confirm replacement by pressing the **MEM** button.

NOTE: Press the ***EXIT** button once to keep the previous setting and return to the sub-menu.

Dialing a CID Number

While reviewing CID records, you may dial the phone number showing in the display.

- Make sure the phone is OFF (not in talk mode).
- Press **CID/VOL** (▲ or ▼) button until the desired CID record shows in the display.

NOTE: Depending on (a) how the incoming caller's phone number is formatted when it is received, and (b) whether or not you previously pre-programmed your local area code into the set up menu, you may need to adjust the format of the incoming caller's stored phone number before making the call.

Available formats include:

Number of digits Explanation Example

Eleven digits long distance code "1 " 1-317-888-8888
+3-digit area code
+7-digit telephone number.

Ten digits 3-digit area code + 317-888-8888
7-digit telephone number.

Seven digits 7-digit telephone number. 888-8888

- If the number does not dial as shown, press the format/conference button. Repeat if necessary, until the correct number of digits show in the display.
- Press the **TALK/END/CALL BACK** button on the handset. The number dials automatically.

NOTE: If the telephone number is corrupted, such as an alphabetical character in a number field, you will hear an error tone and the number is not dialed. Unit displays "UNABLE TO DIAL".

Deleting a CID Record

- Make sure the phone is OFF (not in talk mode).
- Use the **CID/VOL** (▲ or ▼) button to display the CID record you want to delete.
- Press the **DEL** button. The display shows **DELETE CALL ID?**
- Press the **DEL** button to erase the record showing in the display. The display shows **DELETED**.

NOTE: Press the ***EXIT** key to return to the standby mode.

Deleting All CID Record

- Make sure the phone is OFF (not in talk mode).
- Use the **CID/VOL** (▲ or ▼) button to scroll to any CID record.
- Press and hold the **DEL** button until **DELETE ALL?** shows in the display.
- Press **DEL** button to erase all of the current CID records. The display shows **DELETED** followed by **NO CALLS**.

NOTE: Press the ***EXIT** key on the handset to return to the standby mode.

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Changing the Battery

CAUTION: To reduce the risk of fire or personal injury, use only the battery that is compatible with this unit.

- Make sure the telephone is OFF (not in talk mode) before you replace battery.
- Remove the battery compartment cover.
- Disconnect the cord attached to the battery pack from the jack inside the battery compartment and remove the battery pack from the handset.
- Insert the new battery pack and reconnect the battery plug.
- Put the battery compartment cover back on.
- Place handset in the base or handset charge cradle to charge. If you don't charge the handset battery properly (for 16 hours) when you first set up the phone and/or when you install a new battery pack, the battery's long-term performance will be compromised.

NOTE: If the battery is not properly installed in the handset, or if the battery pack is not properly connected to the jack inside the battery compartment, "NO BATTERY" shows in the display when the handset is placed in the charging cradle, the jack inside the battery compartment.

Battery Safety Precautions

- Do not burn, disassemble, mutilate or puncture. Like other batteries of this type, toxic mate rials could be released which can cause injury.
- Keep batteries out of the reach of children.
- Remove batteries if storing over 30 days.

Belt clip and Optional Headset

Connecting the Belt Clip

- To attach the belt clip, insert the sides of the belt clip into the slots on each side of the handset.
- Snap the ends of the belt clip into place.

Connecting an Optional Headset to the Handset

Each handset can be used with an optional headset hands free operation.

- Connect the headset to the headset jack on the side of the handset. The handset receiver and microphone are disabled when the headset is connected.
- Adjust the headset to rest comfortably on top of your head and over your ear. Move the microphone to approximately two to three inches from your mouth.
- Press the **TALK/END/CALL BACK** button to answer a call or make calls using the headset.
- To return to normal operation, unplug the headset from the jack.

Display Messages

The following messages shows the status of the phone, provides Caller ID information, or helps you set up and use your phone.

INCOMPLETE DATA CID information is interrupted during transmission or the phone line is excessively noisy.

HANDSET NAME Prompt telling you to enter the user name for the registered handset.

ENTER NAME Prompt telling you to enter a name in one of the 50 memory location.

LINE IN USE Displays on handset while the line is in use.

ENTER TEL NUMBER Prompt telling you to enter a telephone number in one of the 60 memory location.

DELETE ALL? Prompt asking if you want to erase all CID records.

DELETE CALL ID? Prompt asking if you want to erase the CID record showing on the display.

DELETE? Prompt asking if you want to erase one of the 50 records stored in the phone's memory.

END OF LIST Indicates that there is no additional information in CID memory.

NEW Indicates call or calls which have not been reviewed.

UNKNOWN CALLER Indicates incoming call is from an area not serviced by CID or the CID information was not sent.

NO BATTERY Indicates the battery is not properly installed in the handset, or the battery pack is not properly connected to the jack inside the battery compartment.

NO USER MEMORY **NOTE:** If the memory location does not contain any CID memory records and you are trying mark a specific record as VIP MELODY, then SELECT Memory will not be displayed. Instead, NO USER MEMORY will be prompted to alert the user.

DUPLICATE NUMBER Under VIP melody feature, if the desired number/record was selected in ant one of TEN/VIP melody records before, **DUPLICATE NUMBER** shows in the display.

HANDSET NEEDS REGISTRATION Indicates you must register a non-registered handset prior to use.

SEARCHING Indicates handset is searching for the base.

OUT OF RANGE Indicates handset is too far away from the base. Move closer to the base.

PAGING OR PAGING FROM Someone pressed the page/int button on the base or handset.

BLOCKED NUMBER Indicates the person is calling from a number which is blocked from transmission.

REPT Indicates a repeat call message. Indicates a new call from the same number was received more than once.

NO CALLS Indicates there are no CID records in memory.

NO DATA Indicates no CID information was received, you are not subscribed to CID service, or service is not working.

NEW CALL XX XX represents the number of new CID records not reviewed.

LOW BATTERY Indicates the battery needs to be charged.

LONG DISTANCE Indicates CID record is from a long distance call.

Handset Sound Signals

Signal	Meaning
A long warbling tone (with ringer on)	Signals an incoming call
Three short beeps	Page signal
One short beep (every 7 seconds)	Low battery warning

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