

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.

- OR-**
- Press the **REDIAL** button first, then use the **CID/VOL** (▲ or ▼) button to select the desired redial number.
- Press the **CID/VOL** (▲) 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 screen.

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 scroll to 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.

- When finished, press the ***EXIT** button or **PAGE/INT** button to end the intercom call, return to the talk mode, and resume your original telephone 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 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:

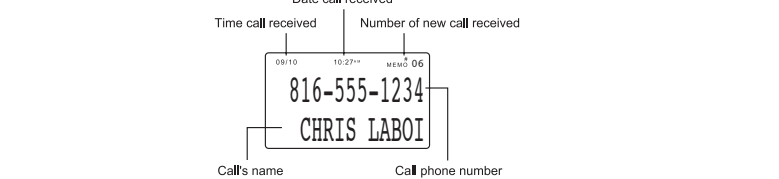
The Number For	Memory Location
Long Distance Access Number	7
Authorization Code	8
Frequently called long distance number	9

- 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. You may review the stored information at any time. Calls received since your last review show as **NEW** in the display.

Reviewing CID Records

As calls are received and stored, the display is updated to let you know how many calls have been received. To scroll CID records:

- Make sure the phone is OFF (not in talk mode).
 - Press the **CID/VOL** (▼) button to review the newest CID record.
 - Press the **CID/VOL** (▲) button to review the oldest CID record first.
- 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.

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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 scroll to any CID record.
- 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