5.8 GHz Multi-Handset Expandable Cordless Telephone with Call Waiting / Caller ID

43-5560

Hearing-Aid Compatible — Enables use of the phone with hearing aids that have a T (telephone) switch.

Ample Talk and Standby Time — The supplied battery (when fully charged) provides about five hours of talk time or seven days of standby time.

Distinctive Ring — Allows you to assign a distinctive ringer to certain memory locations. When an incoming call is received and the Caller ID information matches the information in one of the memory locations, the distinctive ring that has been stored for that particular caller sounds. (See "Distinctive Ringer Setup" on page 18)

Speakerphone — lets you conduct a hands-free conversation using the handset speaker. (See "Making and Receiving Calls" on page 25)

Convenient Extension Placement — lets you place accessory handsets (up to ten total) anywhere you have an AC outlet, regardless of phone jack location.

Call Waiting/Caller ID — lets you answer a call even when you're on the phone and see who's calling before you answer.

DirectLink Mode — lets you use two handsets like walkie-talkies, even if you are away from base unit. (See "Using the DirectLink Mode" on page 44)
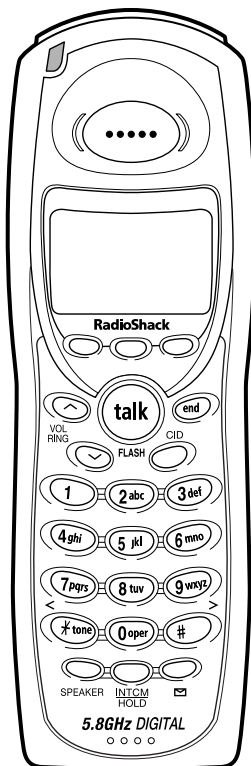
! IMPORTANT !

If an icon appears at the end of a paragraph, go to the box on that page with the corresponding icon for pertinent information.

⚠ **— Warning**   ! **— Important**   💥 **— Caution**   ✓ **— Note**

OWNER'S MANUAL   Please read before using this equipment.

CONTENTS

INTRODUCTION

Thank you for purchasing a RadioShack 5.8 GHz Multi Handset Expandable Cordless Telephone. Unlike other conventional cordless telephones, your telephone supports up to ten handsets on a single telephone line. You can add a handset to any room in your home or office that has an AC outlet. No more running to the other end of the house to answer the phone! You can transfer outside calls to other handsets. If you subscribe to Call Waiting with Caller ID, the phone shows you the incoming caller information, even when you are already talking on the phone.

Cordless phones require AC power to operate. When the power is off, you cannot make or receive calls by using your phone. You should also have a phone that does not need AC power to operate (not a cordless phone), so you can still make and receive calls if there is an AC power failure.

WHAT'S INCLUDED

Make sure you have received the following items in the package.

- Base unit (1)
- Handsets (2)
- Charger (1)
- AC adapters (2)
- Telephone cord (1)
- Rechargeable batteries (2)
- Belt clips (2)
- Wall mount Adapter (1)
- Printed Materials

- Your phone operates on standard radio frequencies as allocated by the FCC.

- It is possible for other radio units operating nearby on similar frequencies to unintentionally intercept your conversation or cause interference. This possible lack of privacy can occur with any cordless phone.

As an ENERGYSTAR Partner, *RadioShack* **Corporation has determined that this product meets the ENERGYSTAR guidelines for energy efficiency.**

$\boxtimes$ **NOTE** $\boxtimes$

You must not connect your phone to:

- coin-operated systems
- most electronic key telephone systems

IMPORTANT INFORMATION

This telephone has been tested and found to comply with all applicable UL and FCC standards. !

FCC STATEMENT

This equipment complies with Part 68 of the FCC rules and the requirements adopted by the ACTA. On the base of this equipment is a label that contains, among other information, a product identifier in the format US:AAAEQ##TXXXX. If requested, this number must be provided to the telephone company.

Your phone is not intended to be used with party-line systems. Connection to party line service is subject to state tariffs. Contact the state public utility commission, public service commission, or corporation commission for information. $\boxtimes$

The REN is used to determine the number of devices that may be connected to a telephone line. Excessive RENs on a telephone line may result in the devices not ringing in response to an incoming call. In most but not all areas, the sum of RENs should not exceed five (5.0). To be certain of the number of devices that may be connected to a line, as determined by the total RENs, contact the local telephone company. For products approved after July 23, 2001, the REN for this product is part of the product identifier that has the format US:AAAEQ##TXXXX. The digits represented by ## are the REN without a decimal point (e.g., 03 is a REN of 0.3). For earlier products, the REN is separately shown on the label.

If you use more than one phone or other device on the line, add up all of the RENs. If the total is more than five (three in rural areas), your telephones might not ring. If ringer operation is impaired, remove a device from the line.

WARNING: To reduce the risk of fire or shock hazard, do not expose this product to rain or moisture.

CAUTION
RISK OF ELECTRIC SHOCK DO NOT OPEN

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER OR BACK. NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED PERSONNEL.

The lightning symbol is intended to alert you to the presence of uninsulated dangerous voltage within this product's enclosure that might be of sufficient magnitude to constitute a risk of electric shock. Do not open the product's case.

The exclamation symbol is intended to inform you that important operating and maintenance instructions are included in the literature accompanying this product.

In the unlikely event that your phone causes problems on the phone line, the phone company can temporarily discontinue your service. If this happens, the phone company attempts to notify you in advance. If advance notice is not practical, the phone company notifies you as soon as possible and advises you of your right to file a complaint with the FCC.

Also, the phone company can make changes to its lines, equipment, operations, or procedures that could affect the operation of this phone. The telephone company notifies you of these changes in advance, so you can take the necessary steps to prevent interruption of your telephone service.

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.

To insure the safety of users, the FCC has established criteria for the amount of radio frequency energy various products may produce depending on their intended usage. This product has been tested and found to comply with the FCC's exposure criteria. For body worn operation, the FCC RF exposure guidelines were also met when used with the RadioShack accessories supplied or designed for this product. Use of other accessories may not ensure compliance with FCC RF exposure guidelines and should be avoided.

SURGE PROTECTION

Your telephone has built-in protection circuits to reduce the risk of damage from surges in telephone line and power line current. These protection circuits meet or exceed the FCC requirements. However, lightning striking the telephone or power lines can damage your telephone.

Lightning damage is not common. Nevertheless, if you live in an area that has severe electrical storms, we suggest that you unplug your phone when storms approach to reduce the possibility of damage.

Important Information

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. Do not use this product near water, for example, near a bathtub, wash bowl, kitchen sink, or laundry tub, in a wet basement or near a swimming pool.

2. Avoid using a telephone (other than a cordless type) during an electrical storm. There may be a remote risk of electric shock from lightning.

3. Do not use the telephone to report a gas leak in the vicinity of the leak.

4. Use only the power cord and batteries indicated in this manual. Do not dispose of batteries in a fire. They may explode. Check with local codes for possible special disposal instructions.

SAVE THESE INSTRUCTIONS

Important Safety Instructions

IMPORTANT CALLER ID INFORMATION

To use Caller ID and Call Waiting, you must be in an area where those services are available and you must subscribe to those services through your local phone company. Where Caller ID is offered, one or more options are generally available:

- caller's number only
- caller's name only
- caller's name and number

If you subscribe to Call Waiting ID and Caller ID, the system can show you the incoming caller information, even when you are already talking on the phone.

READ THIS BEFORE INSTALLATION

We have designed your phone to conform to federal regulations and you can connect it to most phone lines. However, each device that you connect to the telephone line draws power from the line. We refer to this power draw as the phone's ringer equivalence number, or REN. The REN is on the bottom of your phone.

If you use more than one phone or other device on the line, add up all the RENs. If the total is more than five (three in rural areas), your phones might not ring. If ringer operation is impaired, remove one of the devices from the line.

INSTALLATION

Before using your phone, carefully peel the protective film off the display. The film protects the handset window during shipment and is not necessary to any phone function.

SELECTING A LOCATION

You can place the phone's base on a desk or table, or mount it on a standard wall plate or directly on a wall. Select a location that is:

- near an accessible AC outlet
- near a telephone line jack
- out of the way of normal activities
- away from electrical machinery, electrical appliances, metal walls or filing cabinets, wireless intercoms, alarms, and room monitors
- away from other cordless phones

The base's location affects the handset's range. If you have a choice of several locations, try each to see which provides the best performance.

The handset antenna is located on the back, above the ringer speaker. For maximum communication range, do not hold the handset in such a way as to cover the antenna by your hand. Also, place the handset in the upright position while not in use so the antenna can pick up the signals from the base.

When there is obstacle such as metal or concrete wall between the handset and the base, the operation might be affected. Try to keep free from obstruction.

Correct

Incorrect
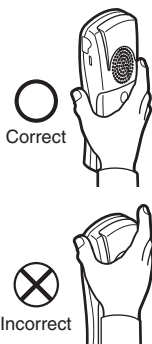
Your telephone connects directly to a modular telephone line jack. If your telephone wiring does not have a modular jack, you can update the wiring yourself using jacks and adapters (available at your local RadioShack store), or have the telephone company update the wiring for you. You must use compatible modular jacks that are compliant with Part 68 of *FCC Rules*. ✍

✍ NOTE ✍

The USOC number of the jack to be installed is RJ11C (or RJ11W for a wall plate jack).

On a Desk Top

1. Plug one end of the supplied long modular cord into the **TEL LINE** jack on the back of the base.

2. Plug the modular cord's other end into a modular phone line jack.

3. Insert the supplied AC adapter's barrel plug into the **DC IN 9V** jack on the back of the base. ✺

4. Route the adapter's cord through the strain relief slot on the base, then plug the adapter into a standard AC outlet.

On a Wall Plate or Wall

To mount the phone directly on a wall, you need two screws (not supplied) with heads that fit into the keyhole slots on the bracket. Drill two holes $3^{15}/_{16}$ inches apart. Thread a screw into each hole, letting the heads extend about $1/_8$ inch.

1. Make the AC adapter and the short telephone line cord through the hole on the bracket.

2. Slide the bracket into the notches on the base.

3. Plug the adapter into a standard AC outlet. Hook the cord on the notch of the bracket.

Route the cord.

✺ CAUTION ✺

You must use a Class 2 power source that supplies 9V DC and delivers at least 350mA. Its center tip must be set to positive and its plug must fit the phone's **DC IN 9V** jack. The supplied adapter meets these specifications. Using an adapter that does not meet these specifications could damage the phone or the adapter.

Installation

4. Plug the telephone line cord into the telephone outlet.

5. For a wall plate, align the base's keyhole slots with the wall plate studs and slide the base downward to secure it.
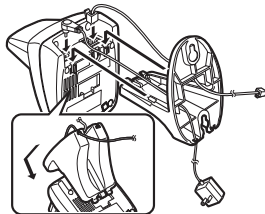
Wall plate

To remove, push up a tab on the wall mount adapter as shown.
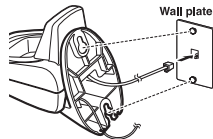
For direct wall mounting, align the base's keyhole slots with the mounting screws and slide the base downward to secure it.
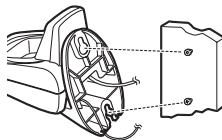
CONNECTING/CHARGING THE BATTERY PACK

The phone comes with a rechargeable nickel-metal hydride (Ni-MH) battery pack. Before using your phone, you must charge it for about 15–20 hours.

BLACK
RED
Click

1. Press down and slide off the battery compartment cover.

2. Lift the battery pack out of the compartment.

3. Plug the battery pack's connector into the socket in the compartment (the connector fits only one way), then place the battery pack in the compartment.

4. Replace the cover.
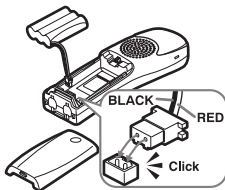
To charge the battery pack, place the handset on the base. The **CHARGE** indicator on the base lights.

Recharge the battery pack when Low Battery flashes on the display.

If you have trouble replacing the battery pack, take the phone to your local RadioShack for assistance.

Recharging the Battery Pack

• If the battery pack becomes weak during a call, `Low Battery` flashes. When this happens, you cannot make a call until you recharge the battery pack.!

• If the display is blank and the phone does not work, recharge the battery pack. (The battery power might be too low to light the display.)

• About once a month, fully discharge the battery by keeping the handset off the base until `Low Battery` flashes on the display. Otherwise, the battery pack loses its ability to fully recharge.

• Using a damp cloth, clean the charging contacts on the handset about once a month.

• If you are not going to use your phone for an extended period, disconnect the battery pack. This increases the battery pack's usable life.

• The supplied battery pack should last for about a year. If the battery pack does not hold a charge for more than 2 hours after an overnight charge, replace it with a new 3.6-volt, 800 mAh battery pack with a connector that fits the socket in the battery compartment. You can order a replacement battery pack through RadioShack. Install the new battery pack and charge it for about 15–20 hours. ⚠

! IMPORTANT !

Be sure the battery pack is properly connected before you try to charge it. The **CHARGE** indicator lights when the handset is on the base, even if the battery pack is not connected.

⚠ **WARNING** ⚠

Dispose of the old battery pack promptly and properly. Do not burn or bury it. There is a risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.

Installation

INSTALLING A BELTCLIP

To attach the beltclip
Insert the beltclip into the holes on each side of the handset. Press down until it clicks.

To remove the beltclip
Pull either side of the beltclip to release the tabs from the holes.

USING A HEADSET
You can make or answer calls with hands-free convenience using an optional headset that has a $^3/_{32}$-inch (2.5-mm) plug. RadioShack has a variety of headsets available.

To connect the headset, gently flip open the rubber headset jack cover on the side of the handset, then insert the headset's plug into the jack. ☑

Connecting a headset disconnects the handset's earpiece and microphone.

VOL/RING/∧ or **VOL/RING/**∨ on the handset also controls the headset's volume.

With a headset connected, you can make or answer calls as usual using the keys on the handset.

When you finish using the headset, disconnect it from the handset and close the rubber cover to protect the jack.

Installation

☑ NOTES ☑
- If you place the handset on the base to recharge it while the headset is connected, be sure the handset seats properly.
- You can use a handset holder (available from your local RadioShack store) to hang the handset on your belt for greater convenience when using a headset.

DISPLAY AND ICONS

Example of the standby mode display

```
RING
OFF  SUN 12:00A  ▥
     Handset #1
     New CID:   5
REDIAL    MENU      ▨
```

Ringer off icon (when the ringer is off)/ day of the week and time / battery icon

Handset ID and Banner

Number of new Caller ID calls received (If there are no new Caller ID messages, the Handset ID appears here.)

ICON	Appears During	DESCRIPTION
▭ ▭▯ ▯▮ ▥	Standby/ Talk	**Battery** icons indicate the handset battery status. This icon changes depending on the battery status (empty, low, medium and full).
RING OFF	Standby	The **Ringer off** icon indicates that ringer is turned off.
▥	Talk	The **Mute** icon appears when you mute the handset.
◁	Talk	The **Speaker** icon appears when the handset speaker phone is used.
▯	Talk	The **Privacy** icon appears when the Privacy Mode is turned on.

ANIMATION DISPLAYS

The handsets have a variety of animation displays. Below are examples of the animation screens and what they mean:

Turning on the phone

```
Welcome! ▯
Please Wait...
```

Hanging up the phone

```
           1:53
End ▯
REDIAL  MENU    ▨
```

Confirmation (Done!)

```
Done! ▯
```

Deleting (Deleted!)

```
Deleted! ▯
```

Making a call

```
Talk            ▥
▯))      1:54
MUTE  CWDX  PRIVACY
```
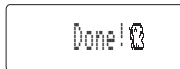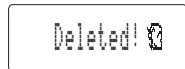
Find Handset/Paging the Handset

```
Paging     ▥
  ▯
```

Also, the animation display changes depending on the ringer volume setting.
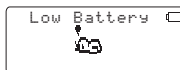
```
Ringer Volume
    ▯
REDIAL  MENU   ▨
```

```
Ringer Volume
  ▯
LOW
REDIAL  MENU   ▨
```

```
Ringer Volume
   ▯
HIGH
REDIAL  MENU   ▨
```

Out of Range

```
Out Of Range
    ▯
REDIAL  MENU   ▨
```

Unavailable

```
Unavailable
    ▯
REDIAL  MENU   ▨
```

Low Battery

```
Low Battery  ▭
   ▯
```

Display and Icons

SOFT KEY FUNCTION

"Soft" keys are keys that change function during the operation of the phone. There are three soft keys on each handset. Soft Keys allow you to:

• Access the main menu
• Set up CIDCW options
• Store or edit phone numbers
• Redial one of the last three numbers dialed from the handset
• Access voice mail waiting

The function of each soft key is determined by the icon that appears directly above it. For example, when the handset is in standby mode, pressing soft key 1 will redial the last dialed number. When the handset is in talk mode, pressing soft key 1 will mute the microphone. 📝

Complete information on the features controlled by the soft keys can be found under each feature.

In standby mode

```
RING
OFF  SUN 12:00A     ▥
      Handset #1
   New CID:     5
 REDIAL    MENU    ✉
```

↕   ↕   ↕
| Soft key 1 | Soft key 2 | Soft key 3 |

In talk mode

```
Talk                ▥

             0:00
  MUTE    CWDX   PRIVACY
```

↕   ↕   ↕
| Soft key 1 | Soft key 2 | Soft key 3 |
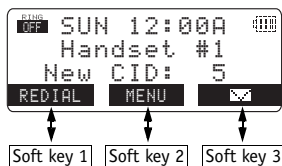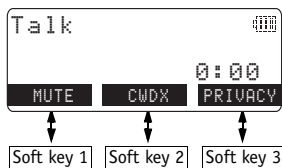
MAIN MENU OPTIONS

Your phone has five main menu options: **DirectLink Mode**, **Room/Baby Monitor**, **Handset Setup**, **Global Setup** and **Deregister HS**. ✍

DEFAULT SETTINGS

The default settings set from the factory match the features that most people use. You may not need to change them. However, there are a number of options you must set and entries you must make in memory to take full advantage of all the phone features. The table below lists the default settings.

Function	Default Settings
Edit Voice Mail	None
Ringer Tones	Flicker
Distinctive Ring	On
Auto Talk	Off
Anykey Answer	Off
Banner	" "
Language	English
Contrast	level 5
Key Touch Tone	On
Animation Screen	On
Day & Time	SUN 12:00 AM
CIDCW	CW On /CWDX Off
Area Code	None
Dial Mode	Tone
Voice Mail Tone	On

✍ **NOTES** ✍

- For Global Setup and Deregister HS menu options, make sure the line is not in use and the handsets are within range of the base.

- Main menu flow chart is provided on page 52.

Main Menu Options

SETTING MENU OPTIONS

USING THE INTERFACE

Below are some tips for using the software interface on your phone.

- Press the **MENU** soft key to access the main menu.
- Use **VOL/RING/**⌃ or **VOL/RING/**⌄ to scroll through options.
- Press the **OK** soft key to make a selection.
- Press the **BACK** soft key to return to the previous screen.
- Press **end** to exit the menu.

DirectLink Mode

In DirectLink® mode, a pair of handsets can function as two-way radios. DirectLink Mode allows two handsets to communicate with each other without the base unit or a telephone line. Use them at sporting events or while shopping to stay in contact with family members or friends. You must set both handsets to DirectLink Mode to activate this feature. For detailed operation instruction, refer to "Using the DirectLink Mode" on page 44. ✓

✓ NOTE ✓

You must have at least two handsets to use Direct Link Mode.

Setting Menu Options

Room/Baby Monitor

This feature allows you to monitor sounds in another room. Place the handset in the room you wish to monitor; it will function as a microphone. A second handset can be set to function as a remote speaker, allowing you to monitor sounds in the room. ☒

Using Room/Baby Monitor

1. Press the **MENU** soft key and select the Room Monitor menu. `To Room Monitor` appears.

2. Select the handset you want to monitor by using **VOL/RING/⌃** or **VOL/RING/⌄**.

3. Press the **OK** soft key. `RoomMonitor` appears, and you hear sounds in the room where the handset is installed.

4. To turn off the Room Monitor, press the **END** soft key, or *end*.

Handset Setup

The following submenu options must be set separately for each handset.

Programming your Voice Mail Access Number

1. Press the **MENU** soft key. Select the Handset Setup menu, and then the Edit Voice Mail submenu. `Edit V_mail No.` appears.

2. Enter your personal access number using the number keypad (**0**-**9**), **✳/tone/<**, **#/>**, the **DELETE** soft key, or the **PAUSE** soft key (up to 20 digits).

3. Press the **OK** soft key. You will hear the confirmation tone.

To delete the current Voice Mail Access Number, delete all numbers in Step 2 using the **DELETE** soft key and the **OK** soft key.

☒ **NOTE** ☒

This feature only works when the handset(s) is within the range of the base.

Setting Menu Options

Selecting a Ringer Tone

Ringer Tone lets you choose from ten ringer tones or ten melodies:

- Ringers (Flicker, Clatter, Soft Alert, Wake Up, Light Bug, Beep Boop, Tone Board, Chip Chop, Party Clap, Reminder)

- Melodies (Beethoven's Symphony #9 [Beethoven9], For Elise [Elise], We Wish You A Merry Christmas [Merry-Xmas], Home Sweet Home [Hm Swt Hm], Lorri Song #6 [Lorri Song], When Irish Eyes Are Smiling [Irish Eyes], Aura Lee, Let Me Call You Sweet Heart [Sweetheart], Star Spangled Banner [Star Spngl], Old MacDonald [Old MacDld])

You must set a separate ringer tone on each handset.

1. Press the **MENU** soft key. Select the Handset Setup menu, and then the Ringer Tones submenu.

2. Press **VOL/RING/**⌃ or **VOL/RING/**⌄ to move the pointer. You will hear the ringer or melody as you scroll through the options.

3. When you reach the ringer tone you want, press the **OK** soft key. You will hear a confirmation tone.

Distinctive Ringer Setup

Distinctive Ringer allows you to assign a designated ring tone to a stored phonebook number (100 stored locations available). When a call is received and the Caller ID information matches the information in one of the phonebook memory locations, the phone uses the distinctive ring assigned to that particular caller. You can assign distinctive rings to multiple phonebook

memory locations. Switching the setting to Distinctive Ring Off disables distinctive ringing: all incoming calls will have a normal ring tone. Switching to Distinctive Ring On activates all programmed distinctive ring memory locations.

1. Press the **MENU** soft key. Select the Handset Setup menu, and then the Distinctive Ring submenu.

2. Press **VOL/RING/**⌃ or **VOL/RING/**⌄ to select On or Off.

3. Press the **OK** soft key. You will hear a confirmation tone.

Setting the Auto Talk

Autotalk allows you to answer the phone simply by removing the handset from the cradle. You do not have to press any keys to answer the call.

1. Press the **MENU** soft key. Select the Handset Setup menu and then the Auto Talk submenu.

2. Press **VOL/RING/**⌃ or **VOL/RING/**⌄ to select On or Off.

3. Press the **OK** soft key. You will hear a confirmation tone.

Setting the Anykey Answer

Any Key Answer allows you to answer the phone by pressing any number key, *∗/tone/<*, or *#/>* on the handset.

1. Press the **MENU** soft key. Select the Handset Setup menu, and then the Anykey Answer submenu.

2. Press **VOL/RING/**⌃ or **VOL/RING/**⌄ to select On or Off.

3. Press the **OK** soft key. You will hear a confirmation tone.

Setting Menu Options

Setting the True Banner

True Banner lets you customize the name your handset displays.

The name will be displayed on the LCD screen during Standby Mode, Intercom, Intercom Hold, Room Monitor and Copy Phonebook operation. The banner name will be displayed on the receiving handset as well.

1. Press the **MENU** soft key. Select the Handset Setup menu, and then the Banner submenu.

2. Use the number keypad (**0**-**9**), ✳**/tone/<**, **#/>**, or the **DELETE** soft key to enter or edit the name.

3. Press the **OK** soft key. You will hear a confirmation tone.

Selecting a Language

Language selects which language the menu display will use. Choose from English, French, or Spanish.

1. Press the **MENU** soft key. Select the Handset Setup menu, and then the Language submenu.

2. Press **VOL/RING/**⌃ or **VOL/RING/**⌄ to choose "English", "Français" (French), or "Español" (Spanish).

3. Press the **OK** soft key. You will hear a confirmation tone.

Adjusting the LCD Contrast

Contrast adjusts the handset LCD brightness. Choose one of the 10 levels for optimum viewing.

1. Press the **MENU** soft key. Select the Handset Setup menu and then the Contrast submenu.

Setting Menu Options

2. Press **VOL/RING/**⌃ or **VOL/RING/**⌄ to adjust the contrast of the LCD (10 levels).

3. Press the **OK** soft key. You will hear a confirmation tone.

Setting the Key Touch Tone

Key Touch Tone is the tone your keypad makes when keys are pressed. You can turn this tone on or off.

1. Press the **MENU** soft key. Select the Handset Setup menu and then the Key Touch Tone submenu.

2. Press **VOL/RING/**⌃ or **VOL/RING/**⌄ to select On or Off.

3. Press the **OK** soft key. You will hear a confirmation tone.

Setting the Animation Screen

The Animation screen displays animations on the handset LCD. The animations will be displayed on the LCD screen during a call, ringer volume setting, when you hang up, and during other functions.

See "Animation Displays" on page 13 for all the available screens.

1. Press the **MENU** soft key. Select the Handset Setup menu and then the Animation Screen submenu.

2. Press **VOL/RING/**⌃ or **VOL/RING/**⌄ to select On or Off.

3. Press the **OK** soft key. You will hear a confirmation tone.

Global Setup

If you change one of the global settings, you change that setting for all registered handsets. Only one handset can change global settings at a time. ✐

✐ **NOTE** ✐

For setting the Day and Time, the time-out is extended to two minutes.

Setting Menu Options

Setting Day and Time

Day & Time sets the day and time of your display.

1. Press the **MENU** soft key. Select the Global Setup menu, and then the Day & Time submenu option.

2. Press **VOL/RING/**⌃ or **VOL/RING/**⌄ to select the day of the week, and then the → soft key.

3. Press **VOL/RING/**⌃ or **VOL/RING/**⌄ to set hour, and then press the → soft key.

4. Press **VOL/RING/**⌃ or **VOL/RING/**⌄ to set minute, and then press the → soft key.

5. Press **VOL/RING/**⌃ or **VOL/RING/**⌄ to choose AM or PM, and then press the **SAVE** soft key. You will hear a confirmation tone.

Setting CIDCW (Caller ID on Call Waiting)

Caller ID on Call Waiting (CIDCW) displays the name and number of an incoming call while you are on the line. Call Waiting Deluxe (CWDX) allows you to handle call waiting calls in seven different ways.

1. Press the **MENU** soft key. Select the Global Setup menu, and then the CIDCW submenu.

2. Press **VOL/RING/**⌃ or **VOL/RING/**⌄ to select CW On/CWDX On, CW On/CWDX Off, or CW Off/CWDX Off, and then press the **OK** soft key. You will hear a confirmation tone.

Setting the Area Code

If you enter a 3-digit area code number in the "Area Code" option, your local area code does not appear in the Caller ID message. For calls received from outside your local area code, you will see a full 10-digit number. ✏

1. Press the **MENU** soft key. Select the Global Setup menu, and then the Area Code submenu.

2. Press the number keypad (**0**-**9**) to enter a 3-digit area code.

3. Press the **OK** soft key. You will hear a confirmation tone.

Setting the Dial Mode

Sets the dial mode to tone or pulse. Most phone systems use tone dialing; the default setting is tone dialing. Set the dialing mode to match the dialing system used by your local phone service.

   • If you are not sure of your dialing system, set the unit to tone dialing. Make a trial call. If the call connects, leave the setting as is; otherwise set the unit to pulse dialing.

   • If your phone system requires pulse dialing and you need to send DTMF tones in certain situations during a call, you may switch over to tone dialing (refer to "Tone Dialing Switch over" on page 28).

1. Press the **MENU** soft key. Select the Global Setup menu, and then the Dial Mode submenu.

2. Press **VOL/RING/**⌃ or **VOL/RING/**⌄ to select **Tone** or **Pulse** (the initial setting is Tone).

3. Press the **OK** soft key. You will hear a confirmation tone.

• If your calling area requires 10-digit dialing, do not program this option.

• If the area code has already been stored in memory, the stored area code will be displayed. To change it, use the **DELETE** soft key and number keys to enter the new area code.

Setting Menu Options

Setting Voice Mail Tone

Voice Mail Tone sets the voice mail tone. If your service does not support SDT message signal, set your VMWI (Visual Message Waiting Indicator) not to detect SDT message signal.

1. Press **MENU** soft key. Select the Global Setup menu, and then the Voice Mail Tone Submenu.

2. Press **VOL/RING/**⌃ or **VOL/RING/**⌄ to set the voice message indication (SDT message signal) to On or Off.

3. Press the **OK** soft key. You will hear a confirmation tone.

Deregister the Handset

Deregister HS clears the handset's ID from the main base unit and the base ID from the handset. You will usually only deregister the handset if you are having a problem with your phone.

1. Press the **MENU** soft key. Select Deregister HS menu. Deregister HS? appears.

2. Press **VOL/RING/**⌃ or **VOL/RING/**⌄ to select Yes and then the **OK** soft key. When de-registration is complete you will hear a confirmation tone, and Deregistration Complete appears.

3. After deregistering the handset, place the handset to the base to register. You must reregister the handset before you can use it.

Setting Menu Options

MAKING AND RECEIVING CALLS

From the Handset

This handset has a built-in speakerphone that allows you to have a hands-free conversation. This feature allows you to communicate easily while performing other tasks, such as cooking. ◁ appears during hands-free conversations. ✓

You can easily switch a call from normal conversation to hands-free conversation.

To switch a call, press **SPEAKER** during the call.

	From the Handset	
	Normal conversation	**Hands-free conversation**
To answer a call ✓	**Handset On the Cradle** Pick up the handset (Auto Talk) or pick up the handset and press **talk/FLASH**. **Handset Off the Cradle** Press any number key, */**tone**/<, or #/> (Anykey Answer), or press **talk/FLASH**.	**Handset Off the Cradle** Press **SPEAKER**.
To make a call ✓	**Handset Off the Cradle** 1)Press **talk/FLASH**. 2)Listen for the dial tone. 3)Dial the number. **OR** Dial the number, and then press **talk/FLASH**.	**Handset Off the Cradle** 1)Press **SPEAKER**. 2)Listen for the dial tone. 3)Dial the number. **OR** Dial the number, and then press **SPEAKER**.

✓ NOTES ✓

- To set Auto talk, see "Setting the Auto Talk" on page 19, or to set Anykey Answer see "Setting the Anykey Answer" on page 19.

- The handset microphone is located at the bottom of the handset. Position yourself as near to the handset as possible and speak clearly.

- If the line is in use by another handset(s), `Line In Use` appears in the display of all registered handset's display that are not in use.

Making and Receiving Calls

	From the Handset	
	Normal conversation	**Hands-free conversation**
To hang up	Press **end** or return the handset to the cradle (Auto Standby).	
To enter a pause within the dialing sequence	When you dial the number in standby mode, press the **PAUSE** soft key. P appears in the display, which represents a pause.	

PLACING A CALL ON HOLD

1. During a call, press **INTCM/HOLD**. The call will be put on hold. ✑

2. To talk to the caller, press **talk/FLASH** or **SPEAKER**. The phone will return back to the call.

REDIALING A CALL

The last three phone numbers dialed can be quickly redialed from the handset. Redial numbers stored in the handset are independent from each other. ✑

1. With the phone in standby mode, press the **REDIAL** soft key.

2. Press **VOL/RING/**⌃ or **VOL/RING/**⌄ to scroll through the last three dialed numbers.

3. Press **talk/FLASH** or **SPEAKER** on the handset. The selected number is dialed.

4. To hang up, press **end**.

Deleting a Redial Record

1. With the phone in standby mode, press the **REDIAL** soft key.

2. Press **VOL/RING/**⌃ or **VOL/RING/**⌄ repeatedly to display the number to be deleted.

3. Press the **DELETE** soft key.

4. Press **VOL/RING/**⌃ or **VOL/RING/**⌄ to choose `Yes`.

5. Press the **OK** soft key. The redialed number is deleted.

Storing a Redial Record

1. With the phone in standby mode, press the **REDIAL** soft key.

2. Press **VOL/RING/**⌃ or **VOL/RING/**⌄ repeatedly to display the number to be stored.

3. Press the **STORE** soft key. `Store/ Edit Name` appears.

4. To complete the setting, follow the steps 3-8 in "Storing Phone Numbers, Names, Distinctive Rings, and Speed Dials" on page 31.

ADJUSTING THE HANDSET RINGER, EARPIECE AND SPEAKER VOLUME

You can adjust the handset ringer and earpiece/speaker volume separately.

Press the volume up key or volume down key (labelled as **VOL/RING/**⌃ or **VOL/RING/**⌄) in standby mode to select one of three ringer volume (off, low, or high). ☑

Pressing the volume up key or volume down key (labelled as **VOL/RING/**⌃ or **VOL/RING/**⌄ key) during a call will change the earpiece volume of the handset. This setting will remain in effect after the telephone call has ended.

☑ **NOTE** ☑

When you press volume up key (**VOL/RING/**⌃) in the maximum volume level or volume down key (**VOL/ RING/**⌄) in the lowest volume level, an error tone sounds.

TEMPORARILY MUTING THE RINGER

You can mute the ringer individually on a handset. When the phone is ringing, pressing the **MUTE** soft key on the handset you want to mute. This mute will last for the current incoming call only. The ringer tone will return to the previous setting on the next incoming call. ✓

MUTE MICROPHONE

You can temporarily mute the microphone so that the caller cannot hear you. Press the **MUTE** soft key during talk mode to mute the microphone.

Mute On and ░ appear in the display. To cancel muting, press the **MUTE** soft key again. Mute Off appears.

TONE DIALING SWITCH OVER

Some telephone companies use equipment that requires pulse dialing (sometimes referred to as rotary dialing). If you need to enter tone dialing digits, you can switch-over to tone dialing during the call. This feature is useful when you need tone dialing to use automated systems, for example, entering your bank account number after you have called your bank. ✓

Initially make your call with the pulse dialing mode. Once your call connects, press ✱/**tone/<**. Enter the desired number. These digits will be sent as tone dialing. Once the call ends, the tone mode is cancelled and pulse dialing mode resumes.

TRAVELLING OUT-OF-RANGE

During a call, as you begin to move your handset too far from your base unit, noise may increase. If you pass the range limits of the base unit, you will hear a beep and see Out of Range on the display, and then the handset returns to standby mode.

PRIVACY MODE

Privacy mode prevents interruption from other registered handsets. **This works only when the phone is in use**.

Press the **PRIVACY** soft key on the handset during talk mode.

`Privacy Mode On` and ▯ appear in the display. To exit Privacy Mode, press the **PRIVACY** soft key again. `Privacy Mode Off` appears.

THREE-WAY CONFERENCING

The phone permits three-way conversations between two handsets and an outside line.

1. Initiate the call normally. Once the call is in progress, other people can join the call.

2. To join a conference call, press **talk/FLASH** or **SPEAKER** to use the handset speakerphone.

3. To leave a conference call, simply hang up as you normally would. All other parties will remain connected.

4. To end a conference call completely, all local parties must hang up. The conference call will also end when the calling party hang up.

FLASH AND CALL WAITING

If you have Call Waiting service and a call waiting tone sounds while you are on a call, press **talk/FLASH** to accept the waiting call. There is a short pause, and then you will hear the new caller. To return to the original caller, press **talk/FLASH** again. ☑

☑ NOTE ☑

You must subscribe through your local telephone company to receive Call Waiting or Caller ID on call waiting service.

USING ONE TOUCH VOICE MAIL ACCESS

If you subscribe to voice mail service, you can use your phone to access your voice mailbox. The new message LED flashes whenever you have messages waiting in your voice mailbox.

Just program the handset with your access number, and you can get your messages at the touch of a key on the handset.

The voice mail service provider will supply you with the access number. This number may be simply a phone number. Refer to the provider's literature.

To program or delete your Voice Mail Access Number, See page 17.

Dialing your Voice Mail Service

Once you've programmed your personal access number, you can dial your mailbox with the touch of a key. When you have messages, simply press the ☒ soft key.

If you have not entered the access number or it has been deleted, when you press the ☒ soft key, No Number Stored To store number press [MENU] appears and you will hear a beep. The phone returns to standby mode.

Resetting the New Message LED

The LED flashes when you have new messages in the voice mail service. If the LED remains on after you've retrieved your messages, you may need to reset the indicators. With the phone is in standby mode, press and hold **PAGE** on the base until the paging sound stops (about 5 seconds).

PHONEBOOK

The Phonebook allows you to dial a number using just a few key presses. Your phone stores names/numbers in the phonebook memory location, and you can search names in alphabetical order. You have a total of 100 locations that can be used for the phonebook (including the speed dials) and Caller ID messages.

STORING PHONE NUMBERS, NAMES, DISTINCTIVE RINGS, AND SPEED DIALS

1. When the phone is in standby mode, press ✉.
   The handset displays the following items:

   (1st line) The number of the phonebook locations used
   (2nd line) How to search (press the number keypad, **VOL/RING/**⌃ or **VOL/RING/**⌄)
   (3rd line) How to enter the storing operation (press the **STORE** soft key)
   (4th line) The **BACK**, **COPY**, and **STORE** soft keys

2. Press the **STORE** soft key, Store/ Edit Name appears. ✓

3. Enter the name (up to 16 characters) by using the number keypad (see "Steps for Entering Names and Special Characters" on page 32).
   If a name is not required, go to step 4. <No Name> will be used as the name.

4. Press the **OK** soft key to store the name, Store/Edit No. appears.

✓ NOTE ✓

When the memory is full, you will hear a beep and Memory Full appears. You cannot store additional names and numbers when the memory is full.

Phonebook

Phonebook

5. Press the number keypad to enter the phone number (up to 20 digits), press the **OK** soft key to store the number.

6. `Distinctive Ring` appears. Press **VOL/RING/ ⌃** or **VOL/RING/ ⌄** to move the pointer to one of the Distinctive Ring options, and then press the **OK** soft key.

7. `Speed Dial` appears. Press **VOL/RING/ ⌃** or **VOL/RING/ ⌄** to move the pointer to select the Speed dial location (ten locations: SPD1-SPD0).

8. Press the **OK** soft key. You will hear a confirmation tone, and `Done!` appears in the display.

STEPS FOR ENTERING NAMES AND SPECIAL CHARACTERS

Refer to the letters on the number keys to select the desired characters. With each press of a number key (**0**-**9**), the displayed character appears in the following order:

upper case letters first, lower case letters next and finally the number corresponding to the key.

keys	Number of times key is pressed
	1	2	3	4	5	6	7	8	9
1	1								
2 abc	A	B	C	a	b	c	2		
3 def	D	E	F	d	e	f	3		
4 ghi	G	H	I	g	h	i	4		
5 jkl	J	K	L	j	k	l	5		
6 mno	M	N	O	m	n	o	6		
7 pqrs	P	Q	R	S	p	q	r	s	7
8 tuv	T	U	V	t	u	v	8		
9 wxyz	W	X	Y	Z	w	x	y	z	9
	&	(	)	<	>	/	(blank)	–	_
0 oper	.	,	:	?	!	@	'	"	*
	#	0							

If you make a mistake while entering a name, use **✳/tone/<** or **#/>** to move the cursor to the incorrect character.

Press the **DELETE** soft key to erase the wrong character, and then enter the correct character.
To delete all characters, press and hold the **DELETE** soft key.

For example, to enter **Movies**:

1. When the phone is in standby mode, press ✉.

2. Press the **STORE** soft key, Store⁄ Edit Name appears.

3. Press **6** once, and then press **#/>** to move the cursor to the right.

4. Press **6** six times.

5. Press **8** six times.

6. Press **4** six times.

7. Press **3** five times.

8. Press **7** eight times.

9. When finished, press the **OK** soft key.

To continue to store the telephone number, proceed to step 5 on page 32.

VIEWING THE PHONEBOOK
Your phone stores names/numbers in the phonebook memory locations, and you can search names in alphabetical order. You can view the phonebook even while the phone is in use.

1. Press ✉.

2. Press **VOL/RING/**⌃ or **VOL/RING/**⌄, or the number keypad to scroll through the phonebook locations. Phonebook locations appear in alphabetical order (from first to last when you press **VOL/RING/**⌄, from last to first when you press **VOL/RING/**⌃).

You can also use letters on the number keys to select the first letter of the desired name. Press a number key (**2**-**9** and **0**) once for the first letter, press twice for the second letter, and so on. The first location that begins with the letter you entered appears.

For example, to search for "Movies", press **6** once. Press **VOL/RING/**⌃ or **VOL/RING/**⌄, until the phonebook location is displayed.

3. To finish the viewing operation, press **end** or the **BACK** soft key (or **talk/FLASH** during a call). ☑

☑ **NOTE** ☑

During a call, don't press **end** or the call will be disconnected.

MAKING CALLS USING THE PHONEBOOK

From Standby Mode

1. When the phone is in standby mode, view the phonebook location to dial (see "Viewing the Phonebook" on page 33).

2. Press **talk/FLASH** or **SPEAKER**. The displayed number is dialed.

3. To hang up press **end**.

From Talk Mode

1. Press **talk/FLASH** or **SPEAKER**.

2. View the phonebook location to dial (see "Viewing the Phonebook" on page 33).

3. Press the **DIAL** soft key. The number in the displayed phonebook location is dialed.

4. To hang up press **end**.

SPEED DIALING

If you store a phone number in a speed dial memory location (ten locations: SPD1 - SPD0), you can use the speed dialing feature. When the phone is in standby mode, press and hold a number key (**0**-**9**) associated with the speed dial until the phone number appears and then press **talk/FLASH** or **SPEAKER**. The number stored in the speed dial (SPD1 - SPD0) is dialed.

EDITING OR ERASING A DATA

1. When the phone is in standby mode, press ✉.

2. Press **VOL/RING/**⌃ or **VOL/RING/**⌄, or the number keypad to view the phonebook locations (see "Viewing the Phonebook" on page 33).

Editing the Stored Data

1. When the phonebook location to be edited appears, press the **EDIT** soft key. Store/Edit Name appears.

2. Follow the steps 3 to 7 under "Storing Phone Numbers, Names, Distinctive Rings, and Speed Dials" on page 31-32 to complete the editing operation.

Phonebook

3. Press the **OK** soft key. You will hear a confirmation tone.

Deleting the Stored Data

1. When the phonebook location to be deleted appears, press the **DELETE** soft key. `Delete Memory?` appears.

2. Press **VOL/RING/**⌃ or **VOL/RING/**⌄ to move the pointer to `Yes`.

3. Press the **OK** soft key. You will hear a confirmation tone. `Deleted!` appears in the display.

COPYING PHONEBOOK LOCATIONS

Copy Phonebook allows you to transfer stored phonebook locations from handset to handset without having to manually re-enter names and numbers. You can transfer one memory (phonebook location) at a time, or all memory locations at once. ☑

1. When the phone is in standby mode, press ✉.

2. Press the **COPY** soft key.

3. Press **VOL/RING/**⌃ or **VOL/RING/**⌄, to select the handset to which you want to transfer the phonebook locations and then press the **OK** soft key.

4. Press **VOL/RING/**⌃ or **VOL/RING/**⌄ to select `One Memory` or `All Memories:` and then press the **OK** soft key.

   If you select All Memories, `Are you sure?` appears on the display screen. Press **VOL/RING/**⌃ or **VOL/RING/**⌄ to select `Yes`, and then press the **OK** soft key.

☑ **NOTE** ☑

If the memory location on the receiving handset is full, and can not store the phonebook locations, you will hear a beep.

If you select One Memory, press **VOL/RING/**⌃ or **VOL/RING/**⌄, or the number key (**2**-**9** and **0**) to select the phonebook location you want to export and then press the **COPY** soft key.

5. The phonebook locations will be transferred to the handset. Copying and the receiving handset name appear. When the transfer is completed Done! appears on the handset.

CHAIN DIALING

The memory locations in the handset are not limited to phone numbers. You can also store a group of numbers (up to 20 digits), that you need to enter once your call connects. This is referred to as Chain Dialing.

An example of this is a bank account number. Store the account or special number in one of the phonebook locations. (Refer to "Storing Phone Numbers, Names, Distinctive Rings, and Speed Dials" on page 31). When you call your bank, and you are prompted to enter the account number, scroll through your phonebook locations until you find your account or special number, and then press the **DIAL** soft key.

TESTING STORED EMERGENCY NUMBERS

If you store an emergency service's number (police department, fire department, ambulance) and you choose to test the stored number, make the test call during the late evening or early morning hours to avoid peak demand periods. Also, remain on the line to explain the reason for your call.

Phonebook

CALLER ID

CALLER ID AND CIDCW (CALLER ID ON CALL WAITING)

You must subscribe to Caller ID services through your local telephone provider to use these features.

When the telephone rings, the Caller ID feature allows you to view the caller's name, and phone number along with the date and time of call. With CIDCW (Caller ID on Call Waiting), you will hear a call waiting tone while you are on a call, and the Caller ID data is displayed. To accept the waiting call, press **talk/FLASH** (see "Flash and Call Waiting" on page 29). ✒

Additionally, you can dial a number stored in the Caller ID list or save data to your Phonebook locations.

When the Caller ID message is received, the display shows the caller's phone number along with the date and time. The incoming call information is stored in the Caller ID record. If the Caller ID service includes the caller's name, the name will appear in the display (up to 15 characters).

You may receive any one of the following messages:

When a private name is received
`Private Name`
When a private number is received
`Private Number`
When a unknown name is received
`Unknown Name`
When a unknown number is received
`Unknown Number`

When invalid data is received
`Incomplete Data`

- If you answer a call before the Caller ID message is received (for example, before the second ring), the Caller ID message will not appear.

- When the call is received via a telephone company that does not offer Caller ID service, the caller's phone number and name does not appear. (This includes some international calls.)

- When the call is via a private branch exchange (PBX), the caller's phone number and name may not appear.

- Data errors appear as "▌".

Caller ID

When you pick up the phone, the display changes to `Talk`. (If Auto Talk feature is set to on.)

VIEWING THE CALLER ID LIST

The Caller ID list stores information for incoming calls - even unanswered calls.

You can store 100 Caller ID messages and Phonebook locations (including Speed Dials) in total. You can view the Caller ID list during a call or when the phone is in standby mode. **!**

1. Press **CID**.
   The summary screen appears. The screen shows the number of new messages and total messages.

   To view the Caller ID messages in historical order (from new to old or from old to new), repeatedly press **VOL/ RING/**⌄ to scroll through the messages from the latest to the earliest, or **VOL/ RING/**⌃ to scroll back through the messages.
   To view the Caller ID messages with alphabetical search, press the number key pad (**2**-**9** and **0**) with the letter associated with the first letter of the desired message.

2. To finish the viewing operation, press **end** (or the **BACK** soft key or **talk/FLASH** during a call).

! IMPORTANT !

Memory locations for Caller ID messages and Phonebook locations (including Speed Dials) are shared, you can only store up to 100 in total. A Caller ID message is not stored when you have stored 100 phonebook locations. The earliest Caller ID message is overwritten when you have stored 100 phonebook locations and Caller ID messages in total.

Caller ID

DELETING A CALLER ID MESSAGE

Deleting Information from the Caller ID List

1. When the phone is in standby mode, view the Caller ID information to be deleted (see "Viewing the Caller ID List" on page 39). $\boxtimes$

2. Press the **DELETE** soft key
   Delete Caller ID appears.

3. Press **VOL/RING/** $\frown$ or **VOL/RING/** $\smile$ to choose Yes.

4. Press the **OK** soft key. You will hear a confirmation tone.

Deleting all Caller ID names/ numbers

1. When the phone is in standby mode, press **CID**.

2. Press the **DELETE** soft key. Delete All? appears.

3. Press **VOL/RING/** $\frown$ or **VOL/RING/** $\smile$ to choose Yes.

4. Press the **OK** soft key. You will hear a confirmation tone.

USING THE CALLER ID MESSAGE LIST

Calling a party from the Caller ID list
From Standby mode

1. When the phone is in standby mode, view the Caller ID message (see "Viewing the Caller ID List" on page 39).

Caller ID

2. Press **talk/FLASH** or **SPEAKER**. The displayed phone number dials automatically.

From Talk mode

1. Press **talk/FLASH** or **SPEAKER**.

2. View the Caller ID message you want to dial (see "Viewing the Caller ID List" on page 39).

3. Press the **DIAL** soft key. The displayed phone number will be dialed.

Long Distance calls and Area Code Setting/Cancellation

While the present Caller ID information is displayed, pressing **✳/tone/<** will place or remove the prefix "1" in the display to set the call for a long distance call, or pressing **#/>** will set or cancel an area code (see "Setting the Area Code" on page 23). ✎

Storing Caller ID messages in the Phonebook

Messages shown in the Caller ID list can be stored in the phonebook. The phone number and name of the party on the Caller ID list can be stored in memory. ✎

1. When the phone is in standby mode, view the Caller ID message to be stored. Then press the **STORE** soft key. **Store/Edit Name** appears.

2. To complete the setting, follow the steps 3-8 in "Storing Phone Numbers, Names, Distinctive Rings, and Speed Dials" on page 31-32.

✎ **NOTES** ✎

• When a long distance call has been set, **1** appears in the display.

• If a call comes in via a telephone system that does not offer Caller ID service, no information is stored.

• If the Caller ID message was received as a private/unknown number, or the message does not have the number, you cannot store the message in the Phonebook. If it was received as private/ unknown name, the message will be stored as <No Name>.

• Even if the 100 memory locations are full, the message will be stored in the Phonebook. However, the message will be erased from the Caller ID list.

Caller ID

- To activate features, select `CW On/CWDX On` in the CIDCW option. See "Setting CIDCW (Caller ID on Call Waiting)" on page 22.

- You can also answer a waiting call immediately by pressing **talk/FLASH**, the first caller will be placed on hold. To return to the original caller, press **talk/ FLASH** again.

- If you don't press a key within 30 seconds while in the operation, the phone goes back to the original call.

CALL WAITING DELUXE FEATURES

Your phone gives you new options for call waiting. At the touch of a key, you can place the caller on hold, send them to your voice mail service, or conference them into your current call. You may be required to subscribe to Call Waiting and Call Waiting Deluxe to use these features. Not all features are available in all areas. Check with your local telephone company for details. ☐

1. When you receive a Call Waiting call, press the **CWDX** soft key for a list of options.

2. Press **VOL/RING/**⌃ or **VOL/RING/**⌄ or the number keypad (**1**-**7**) to select an option.

3. Press the **OK** soft key. A confirmation screen will appear, and returns back to the call.

Your phone is pre-programmed with seven call waiting options. You may select to ask the calling party to hold, send them a busy message, forward them to your voice mail, or answer and drop the first caller. You may also select to conference them into the current call or, at any time, choose to drop the first or drop the last caller. Check with your local telephone company for a full list of options.

Caller ID

EXPANDING YOUR PHONE

Ten Multi-Handsets Expandability

Your phone supports up to ten handsets including the handsets supplied with your phone. You can now place a fully- featured cordless handset anywhere AC power is available to connect the handset charger. **!**

With extra handset(s), you can perform

- Three-way conference (two handsets and an outside line).
- Intercom call between handsets even while other handsets are on the outside line.
- Monitoring the room where the other handset is placed.
- Using as a pair of walkie-talkies, even outside the base's communication range or other handsets are on the outside line.

All of the handsets ring when a call is received.

SETUP THE CHARGER AND CHARGE THE EXTRA HANDSET(S)

Insert the supplied AC adapter's barrel plug into the **DC IN 9V** jack on the back of the charger. Route the cord through the strain relief slot and plug the adapter into a standard AC outlet.
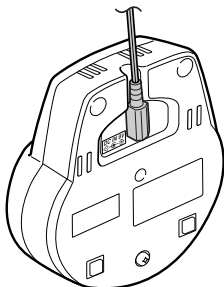
! IMPORTANT !

If you purchase a 43-5561 extra handset, please register the handset to the original/main base before use. The 43-5561 will not operate until it is registered.

⚡ CAUTION ⚡

You must use a Class 2 power source that supplies 9V DC and delivers at least 210 mA. Its center tip must be set to positive and its plug must fit the charger's **DC IN 9V** jack. The supplied adapter meets these specifications. Using an adapter that does not meet these specifications could damage the handset or the adapter.

REGISTER THE HANDSET TO THE BASE

If you purchase an extra handset, you need to register the handset to the base before use. Only one handset can be registered at a time. ☑

Handsets supplied with the phone are registered to the base by the factory. Handsets that have not been registered display Place handset on main base to register. When you register an extra handset to the base, follow the steps below.

1. Before registering the extra handset, the battery pack MUST be charged for 15-20 hours.

2. Place the extra handset in the main base unit to begin registration.

3. While the handset is registering, Handset Registering will appear in the LCD.

   When Registration Complete is displayed, the handset has been registered to the base. If Registration Failed appears, remove the handset from the base and try again.

USING THE DIRECTLINK MODE

To use this feature, you must enter the two handsets into the DirectLink mode first. ☑

DirectLink call

1. Press the **MENU** soft key and select the DirectLink Mode menu. To enter DirectLink mode press [ENTER] appears.

---

2. Press the **ENTER** soft key to enter DirectLink mode. You will hear a confirmation tone, and DirectLink Mode Complete appears.

3. Press the **DirectLink** soft key.

4. Select the handset to which you wish to DirectLink with by pressing the number keys (**1**-**9**, **0**). Your handset will then page the other handset.

5. On the receiving handset, press **talk/FLASH**, the **ANSWER** soft key or if Anykey Answer is on, press any number key, **＊/tone/<** or **#/>**.

6. When you finish your conversation, press *end* or the **END** soft key on either handset. Return the handset to the cradle, or press the **CANCEL** soft key and then the **OK** soft key to return to normal standby mode. (cancelling DirectLink mode).

INTERCOM/CALL TRANSFER FEATURE

You can use handsets as an intercom. Also, you can place an outside call on hold and transfer the call to another handset. ✍

Intercom

1. Press **INTCM/HOLD** in standby mode.

2. Select the handset you want to talk with from the selection list within 30 seconds. To select the handset, press **VOL/RING/ ⌃** or **VOL/RING/ ⌄**, and then press the **OK** soft key. If you select All, all handsets will be paged. An intercom tone sounds.

✍ **NOTES** ✍

• If the party is busy or out of range, the handset returns to standby mode.

• If any of the following occurs while selecting the other handset, the operation will be cancelled.

  - **talk/FLASH** or **SPEAKER** is pressed.

  - An outside call, intercom or page is received.

• When the party does not answer within one minute, the operation is cancelled.

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To Cancel intercom press the **CANCEL** soft key on the initiating handset.

3. On the receiving handset, to answer the call, press **talk/FLASH**, **INTCM/ HOLD**, or the **ANSWER** soft key. Or press any number key, */**tone/<** or **#/>** (when Anykey Answer is on), or pick up the handset from the cradle (when Auto Talk is on).

4. To hang up the intercom call, press **end** or the **END** soft key on either handset.

Call Transfer Feature

1. During a call, press **INTCM/HOLD** on the handset.

2. Select a handset to transfer the call within ten seconds. To select the handset, press **VOL/RING/∧** or **VOL/RING/∨**, and then press the **OK** soft key. If you select All, all other handsets will be paged. The call will automatically be placed on hold, and an intercom tone sounds. To cancel the transfer, press the **CANCEL** soft key, **talk/FLASH** or **SPEAKER** on the initiating handset. ☑

3. On the receiving handset, to answer the page, press **talk/FLASH**, the **ANSWER** soft key, or **INTCM/HOLD**. Or press any number key, */**tone/<** or **#/>** (when Anykey Answer is on), or pick up the handset from the cradle (When Auto Talk is on). ☑

4. To hang up the intercom call, press the **END** soft key or **end** on the handset.

5. To speak to the caller, press **talk/FLASH** on the receiving handset.

☑ **NOTE** ☑

If the party does not answer within one minute, the operation is cancelled.

FIND HANDSET

To locate a misplaced handset, press **PAGE** on the base when the phone is in standby mode. All registered handsets beep for 60 seconds, and **Paging** appears on the handset display. To cancel paging, press any key on the handset or **PAGE** on the base. ✍

✍ **NOTE** ✍

If the battery pack is completely drained, the handset will not beep when paging.

TROUBLESHOOTING

If your phone is not performing to your expectations, please try these simple steps first

Symptom	Suggestion
The **CHARGE** LED won't illuminate when the handset is placed in the cradle.	• Make sure the AC adapter is plugged into the base and wall outlet. • Make sure the handset is properly seated in the cradle. • Make sure the charging contacts on the handset are clean.
The audio sounds weak.	• Move the handset and/or base to a different location away from and/or scratchy metal objects or appliances and try again. • Make sure that you are not too far from the base.
Can't make or receive calls.	• Check both ends of the base telephone line cord. • Make sure the AC adapter is plugged into the base and wall outlet. • Disconnect the AC adapter for a few minutes, and then reconnect it. • Deregister the handset (see "Deregister the Handset" on page 24) and register the handset (see "Register the Handset to the Base" on page 44). • Make sure that you are not too far from the base. • If an outside call is already established, you cannot make another outside call.
The handset doesn't ring or receive a page.	• Charge the batteries in the handset for 15-20 hours by placing the handset on the base or charging cradle. • The handset may be too far away from the base unit. • Place the base unit away from appliances or metal objects. • Deregister the handset (see "Deregister the Handset" on page 24) and register the handset (see "Register the Handset to the Base" on page 44).
`Unavailable` appears in the display.	• Make sure that another handset is not too far from the base.

Symptom	Suggestion
Severe noise interference.	• Keep the handset away from microwave ovens, computers, remote control toys, wireless microphones, alarm systems, intercoms, room monitors, fluorescent lights, and electrical appliances. • Move to another location or turn off the source of interference.
The Caller ID does not display.	• The handset was picked up before the second ring. • The call was placed through a switchboard. • Call your local telephone company to verify your Caller ID service is current.
You cannot register the handset at the base.	• Charge the battery pack for 15-20 hours. • Deregister the handset (see "Deregister the Handset" on page 24) and register the handset (see "Register the Handset to the Base" on page 44).
The handset doesn't communicate with another handsets.	• Deregister the handset (see "Deregister the Handset" on page 24) and register the handset (see "Register the Handset to the Base" on page 44). • Make sure that you have registered all handsets.
The handset can't join the conversation	• Make sure there are not two handsets already using the three-way conference feature.

If you still have problems, disconnect the phone. If other phones on the same line work properly, the fault is in this phone or its installation. If you cannot find the problem, take the phone to your local RadioShack store for assistance.

Troubleshooting

CARE

Keep the phone dry; if it gets wet, wipe it dry immediately. Use and store the phone only in normal temperature environments. Handle the phone carefully; do not drop it. Keep the phone away from dust and dirt, and wipe it with a damp cloth occasionally to keep it looking new.

SERVICE AND REPAIR

If your phone is not performing as it should, take it to your local RadioShack store for assistance. To locate your nearest RadioShack, use the store locator feature on RadioShack's website (***www.radioshack.com***), or call 1-800-The Shack (843-7422) and follow the menu options. Modifying or tampering with the phone's internal components can cause a malfunction and might invalidate its warranty and void your FCC authorization to operate it.

NOTE ABOUT HANDSET-BASE REGISTRATION

When you register the handset with the base, unique data is written on ***both*** the base and the handset. The handset registered to one base unit cannot be used with other base unit unless the registration data is "de-registered" with the original base unit. This means the handset must be within the range of the original base unit to de-register. If for any reason the original base unit is not within the range (or the registration data in the original base unit is erased), "Out of Range" error takes place and you cannot de-register the handset.

Should you encounter this trouble, follow these steps to individually de-register the handset and the base.

1. Remove the handset if it sits on the base.

2. On the handset, press and hold **end** and **#** at the same time until you hear beep.

3. Disconnect the AC adapter.

4. While holding **PAGE**, connect the AC adapter. Keep pressing **PAGE** until the CHARGE LED starts to blink.

5. Wait about five seconds and place the handset on the base and wait until the CHARGE LED stops flashing.

This erases all the handset registration data on the base, not limited to the handset you placed at Step 5 above. You need to register other handset(s) also. First de-register the handset as in Step 1 above, and then place it on the base.

If you have trouble in de-registration, take your base and handset (including extra handset(s) if you have) to your local RadioShack or call 1-800-The Shack (843-7422) for assistance.

Also, when you request repair or service, please be sure to bring in the entire system (including extra handset if used) so we can keep your registration data intact.

Note about Handset-Base Registration

MAIN MENU FLOW CHART

From standby mode

```
SUN 12:00A
  Handset #1
New CID:  5
REDIAL  MENU
```
→ `MENU` →

```
DirectLink Mode
Room Monitor
Handset Setup
BACK        OK
```
⌄ →

```
DirectLink Mode
Room Monitor
Handset Setup
BACK        OK
```
⌄

⌄ `OK`

⌄ `OK`

```
To enter
DirectLink mode
press [ENTER]
BACK      ENTER
```

```
To Room Monitor
Handset    #2
Handset    #3
Handset    #4
Handset    #5
Handset    #6
Handset    #7
Handset    #8
Handset    #9
Handset    #0
BACK        OK
```
or

⌄ `ENTER`

```
  SUN 12:00A
   Handset #1
  DirectLink Mode
CANCEL    DirectLink
```

```
DirectLink Mode
Room Monitor
Handset Setup
BACK        OK
```
⌄ →

```
Room Monitor
Handset Setup
Global Setup
BACK        OK
```
⌄ →

```
Handset Setup
Global Setup
Deregister HS
BACK        OK
```

⌄ `OK`

⌄ `OK`

⌄ `OK`

```
<HANDSET SETUP>
Edit Voice Mail
Ringer Tones
Distinctive Ring
Auto Talk
Anykey Answer
Banner
Language
Contrast
Key Touch Tone
Animation Screen
BACK        OK
```
or

```
<GLOBAL SETUP>
Day & Time
CIDCW
Area Code
Dial Mode
Voice Mail Tone
BACK        OK
```
or

```
Deregister HS?
Yes
No
BACK        OK
```
or

⌄ `OK`

```
Deregistration
   Complete
```

↓

```
Place handset
on main base
to register
```

Main Menu Flow Chart

MEMO

MEMO

MEMO

Limited One-Year Warranty

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