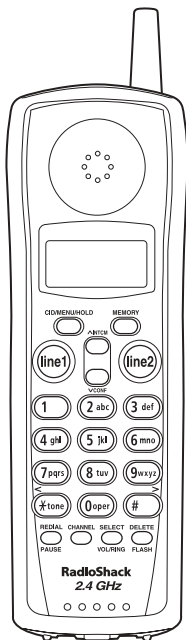# 2.4 GHz 2-Line Cordless Speakerphone

43-3701

Thank you for purchasing a RadioShack 2.4 GHz Cordless Telephone. Your phone uses advanced technology to give you superior audio quality and extended range. The phone's Caller ID unit records each caller's telephone number (and name, if available in your area) and the date and time of the call, as provided by your local phone company to Caller ID service subscribers. 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.

40-Number Memory Dialing — lets you store up to 40 numbers in memory for easy dialing.

Ample Talk and Standby Time — the supplied battery (when fully charged) provides about 7 hours of talk time or 14 days of standby time.

Headset Jack — lets you connect an optional headset for hands-free convenience. (See "Using a Headset" on page 37.)

Auto Talk— lets you set the phone to answer a call by simply lifting the handset from the base.

! 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**   ☼ — **Hint**   📝 — **Note**

OWNER'S MANUAL   Please read before using this equipment.

CONTENTS

IMPORTANT INFORMATION

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

IMPORTANT SAFETY INSTRUCTIONS

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

1. Read and understand all instructions.

2. Follow all warnings and instructions marked on the product.

3. Never install telephone wiring during a lightning storm.

4. Never install telephone jacks in wet locations unless the jack is specifically designed for wet locations.

5. Never touch uninstalled telephone wires or terminals unless the telephone

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.

line has been disconnected at the
network interface.

6. Use caution when installing or
modifying telephone lines.

7. Do not fix the AC power supply cord to
building surfaces with metal fittings (if
the product has an AC power cord).

8. Unplug this product from the wall outlet
before cleaning. Do not use liquid
cleaners or aerosol cleaners. Use a
damp cloth for cleaning.

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

10. Do not place this product on an
unstable cart, stand, or table. The
product may fall, causing serious
damage to the product.

11. Slots and openings in the cabinet and
the back or bottom are provided for
ventilation. To protect it from
overheating, these openings must not
be blocked or covered. The openings
should never be blocked by placing the
product on a bed, sofa, rug, or other
similar surface. This product should
never be placed near or over a radiator
or heat register. This product should not
be placed in a built-in installation
unless proper ventilation is provided.

12. This product should be operated only
from the type of power source indicated
on the marking label. If you are not sure
of the type of power supply to your
home, consult your local power
company.

CONTENTS

Important Safety Instructions

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13. Do not allow anything to rest on the power cord. Do not locate this product where the cord will be stepped on.

14. Do not overload wall outlets and extension cords as this can result in a risk of fire or electric shock.

15. Never push objects of any kind into this product through cabinet slots as they may touch dangerous voltage points or short out parts that could result in a risk of fire or electric shock. Never spill liquid of any kind on the product.

16. To reduce the risk of electric shock, do not disassemble this product. Take it to a qualified service technician when service or repair work is required. Opening or removing covers may expose you to dangerous voltage or other risks. Incorrect reassembly can cause electric shock when the product is subsequently used.

17. Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:

   • When the power cord plug is damaged or frayed.

   • If liquid has been spilled, into the product.

   • If the product has been exposed to rain or water.

   • If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions because improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to normal operation.

   • If the product has been dropped or the cabinet has been damaged.

   • If the product exhibits a distinct change in performance.

18. Avoid using a telephone during an electrical storm. There may be a remote risk of electric shock from lightning.

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

BATTERY SAFETY INSTRUCTIONS

To reduce the risk of fire or injury, read and follow these instructions

1. Use only the same type and size battery pack specified in the instruction manual provided for this product.

2. Do not dispose of the battery pack in a fire. The cell may explode. Check with local codes for possible special disposal instructions.

3. Do not open or mutilate the battery pack. Released electrolyte is corrosive and may cause damage to the eyes or skin. It may be toxic if swallowed.

4. Exercise care in handling the battery pack in order not to short it with conducting materials such as rings, bracelets, and keys. The battery or conductor may overheat and cause burns.

5. Charge the battery pack provided or identified for use with this product only in accordance with the instructions and limitations specified in the instruction manual provided for this product.

6. Observe proper polarity orientation between the battery pack and battery charger.

SAVE THESE INSTRUCTIONS

Important Safety Instructions

⍔ NOTES ⍔

- 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*.
- The line that connects a two-line phone jack to the phone company wiring must be twisted-pair cable. Otherwise, you might hear interference (crosstalk) between the two lines.
- The line that connects a two-line phone jack to the phone company wiring must be twisted-pair cable. Otherwise, you might hear interference (crosstalk) between the two lines.
- If your home has specially wired alarm equipment connected to the telephone line, be sure that installing the system does not disable your alarm equipment. If you have questions about what will disable alarm equipment, contact your telephone company or a qualified installer.
- The USOC number of the two-line jack to be installed is RJ14C (RJ14W for a wall plate). The USOC number of a single-line jack is RJ11C.

INTRODUCTION

Cordless phones require AC power to operate. When the power is off, you cannot make or receive calls 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. **!**

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 for use.

MOUNTING THE PHONE

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. Choose a location that is:

- near an AC outlet
- near a modular 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. ⍔
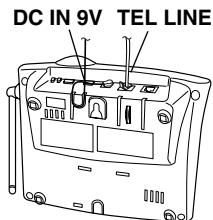
Connecting to the Phone Lines

To take full advantage of the phone's capabilities, you must have two phone lines with separate phone numbers. If you have only one line, you can order a second from your phone company. 🎇

You can connect the phone to the lines in one of three ways:

- connect two lines through a two-line modular phone jack

- connect two lines through two one-line modular phone jack

- connect one line through a one-line modular phone jack.

- If you connect the phone to a two-line phone jack with a two-line cord, do not connect a third line to the **TEL LINE 2** jack or the phone will not operate properly. Instead, you can connect another phone device, such as a fax machine or modem.

- To connect the phone to two one-line phone jacks, plug one end of the supplied long two-line modular cord into **TEL LINE 1/2** and plug another cord (not supplied) into the **TEL LINE 2** jack. Route both cords through the strain-relief slot on the base.

On a Desk Top

1. To connect the phone to a two-line phone jack, plug one end of the supplied long two-line modular cord into the **TEL LINE 1/2** jack on

DC IN 9V   TEL LINE

🎇 CAUTION 🎇

⚠️ •You must use a Class 2 power source that supplies 9V DC and delivers at least 350 mA. 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.

• Always connect the AC adapter to the phone before you connect it to AC power. When you finish, disconnect the adapter from AC power before you disconnect it from the phone.

Installation

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☑ **NOTE** ☑

To connect the phone to a single one-line phone jack, plug one end of the supplied long modular cord into the **TEL LINE 1/2** or **TEL LINE 2** jack. Route the cord through the strain-relief slot on the base.

the back of the phone. Route the cord through the strain-relief slot on the base. ☑

2. Plug the supplied AC adapter's barrel plug into the **DC IN 9V** jack on the back of the base and route the adapter's cord through the strain relief slot on the bottom of the base.

3. Plug the adapter into a standard AC outlet.

4. Connect the phone cord(s) to the modular phone line jack(s).

5. Raise the base's antenna to a vertical position.

On a Wall Plate

1. Connect the phone line(s) as described in "On a Desk Top". Use the shorter modular cord to mount the phone on the wall plate.

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

3. Route the adapter's cord through the narrow groove on the base. If you are using two phone cords, route the second cord through one of the wide grooves on the base.

4. Plug the other end of the short modular cord into the wall plate jack, then align the keyhole slots with the wall plate studs and slide the base downward to secure it. If you are using two phone cords, plug the second cord into the second phone jack.

Installation

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5. Plug the adapter into a standard AC outlet.

6. Press and lift out the handset holder, flip it over, then snap it back into place.

7. Raise the base's antenna to a vertical position.

On a Wall

1. Drill two holes $3^{15}/_{16}$ inches (100 mm) apart. Then thread a screw into each hole, letting the heads extend about $^1/_8$ inch (3 mm) from the wall. ✍

2. Plug one end of the supplied long modular cord into the **TEL LINE 1/2** jack on the back of the base.

   To connect the phone to two one-line jack, plug another cord (not supplied) into the **TEL LINE 2** jack.

3. Route the adapter cable and modular cord(s) through the grooves on the base.

4. 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-cadmium battery pack in the handset, but not connected. Before using your phone, you must connect the battery pack, then charge it for about 15–20 hours.
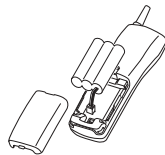

✍ **NOTE** ✍

To mount the phone directly on a wall, you need two screws of at least $1^3/_8$ inch long (not supplied) with heads that fit into the keyhole slots on the bottom of the base. Follow the steps under "On a Wall " on Page 9, then apply these additional instructions for placement on a wall.

Installation

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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/IN USE LED 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

When you first use the phone after charging or recharging the battery pack, the phone might not work and you might hear an error tone when you press **Line 1** or **Line2**. While holding **INTERCOM** on the base, return the handset to the base for about 3 seconds to change the security access-protection code.

If the base loses power for about an hour while the handset is away from it, the security access-protection code might be lost. To change the code, while holding **INTERCOM** on the base, return the handset to the base for about 3 seconds.

Installation

If the battery pack becomes weak during a call, the handset beeps every 3 seconds and **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.

The handset loses its security access-protection code if the battery pack is completely discharged. While holding **INTERCOM** on the base, place the handset on the base to recharge the battery pack and change the code.

Using a pencil eraser, clean the charging contacts on the handset and base 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, 600 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. ⚠ !

⚠ **WARNING** ⚠

Dispose of the old battery pack promptly and properly. Do not burn or bury it. See "Battery Safety Instructions" on page 5 for additional information on proper battery handling.

! **IMPORTANT** !

The EPA certified RBRC® Battery Recycling Seal on the nickel-cadmium (Ni-Cd) battery indicates RadioShack is voluntarily participating in an industry program to collect and recycle these batteries at the end of their useful life, when taken out of service in the United States or Canada. The RBRC program provides a convenient alternative to placing used Ni-Cd batteries into the trash or the municipal waste stream, which may be illegal in your area. Please call 1-800-THE-SHACK (1-800-843-7422) for information on Ni-Cd battery recycling and disposal bans/restrictions in your area. RadioShack's involvement in this program is part of the company's commitment to preserving our environment and conserving our natural resources.

Installation

BASICS

MAKING AND RECEIVING CALLS

☑ NOTES ☑

- You must have a 2- line subscription from your phone company to use the 2-line features.
- See "To Change Your Auto Talk and CIDCW:" on page 22.

Basic 2-line operation ☑

Action	Handset On Base ☑	Handset Off Base	Base Only
To answer a call	Pick up the handset (Auto Talk) or pick up the handset and press **line 1** or **line 2**.	Press **line 1** or **line 2**, any number, ✳**/tone/<** or **#/>** keys (Auto Talk: On).	Press **line 1** or **line 2**.
To make a call	1) Pick up the handset. 2) Press **line 1** or **line 2**. 3) Listen for the dial tone. 4) Dial the number. OR 1) Pick up the handset. 2) Dial the number, then press **line 1** or **line 2**.	1) Press **line 1** or **line 2**. 2) Listen for the dial tone. 3) Dial the number. OR Dial the number, then press **line 1** or **line 2**.	1) Press **line 1** or **line 2**. 2) Listen for the dial tone. 3) Dial the number.

Action	Handset On Base	Handset Off Base	Base Only
To hang up	Press **line 1** or **line 2**, or return the handset to the base (Auto Standby).		Press **line 1** or **line 2**.
To redial	1) Pick up the handset. 2) Press **line 1** or **line 2**. 3) Listen for the dial tone. 4) Press **REDIAL/ PAUSE.** OR 1) Pick up the handset. 2) Press **REDIAL/ PAUSE**, then press **line 1** or **line 2**.	1) Press **line 1** or **line 2**. 2) Listen for the dial tone. 3) Press **REDIAL/ PAUSE**. OR Press **REDIAL/ PAUSE**, then press **line 1** or **line 2**.	1) Press **line 1** or **line 2**. 2) Listen for the dial tone. 3) Press **REDIAL/P.**

ADJUSTING THE RINGER AND EARPIECE/SPEAKER VOLUME

Ringer Volume
When the phone is in standby mode, pressing the **SELECT/VOL/RING** on the handset selects the handset ringer volume. There are three (High, Low, Off) ringer volume settings. Press the **SELECT/VOL/ RING** key to listen to volume levels.

The phone keeps the last ringer volume setting selected.

Earpiece Volume
The handset earpiece volume settings (Low, Medium, High and Maximum) can only be adjusted during a call. Press **SELECT/VOL/RING** repeatedly to select Low, Medium, High or Maximum. When you hang up, the phone keeps the last volume setting selected.

Basics

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Base Ringer Volume

The ringer control for the base of your cordless phone allows you turn the ringer OFF or to select LO/HI volume for each line 1 or line 2.

Base Speaker Volume

To control the speaker volume of the base, press **VOLUME/∨** or **VOLUME/∧** during a call. There are 7 speaker volume levels.

REDIAL

The **REDIAL/PAUSE** key redials the last number dialed. The redialed number can be up to 32 digits long. ☑

Handset

Press **line 1** or **line 2**, then press **REDIAL/PAUSE**.

Or press **REDIAL/PAUSE**, then press **line 1** or **line 2**.

Base

Press **line 1** or **line 2**, then press **REDIAL/P**.

If any key is pressed before **REDIAL/P**, the last number will not redial.

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. 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

☑ NOTES ☑

Redial
The cordless phone has two independent last number redial memories; one in the handset, the other in the base.

Tone Dialing Switch-over
• The tone feature only applies when the dial mode is set to pulse.

• This special number can be stored in a memory location. This is referred to as Chain Dialing.

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digits will be sent as tone dialing. Once the call ends, the tone mode is canceled and pulse dialing mode resumes. ▯

TRAVELING OUT-OF-RANGE

During a call, as you begin to move your handset too far from your base unit, noise increases. If you pass the range limits of the base unit, your call will terminate within 60 seconds.

SELECTING A DIFFERENT CHANNEL

If you encounter interference while using your phone, you can manually change the phone's channel for clear operation. This function works only when the phone is in use.

The **CHANNEL** on the handset allows you to choose between 20 different channels. During the course of a conversation, if you hear static or noise which makes it difficult to hear, press **CHANNEL**. The phone changes to a different channel.

USING THE PAGE FEATURE

1. To locate the handset (when it is off the base), press **INTERCOM** on the base.

   The handset beeps for 60 seconds.

2. Press any key on the handset to connect to the base.

3. Press **INTERCOM, ∧/INTCM,** or return the handset to the base to return to standby.

FLASH AND CALL WAITING

If you have "Call Waiting" service and a call waiting tone sounds while you are on a call,

Answering a Call from the Handset

If you set the handset to Auto Talk On, and the handset is on the base, just pick up the handset and speak.

Each line setting is independent for this feature.

press **DELETE/FLASH** to accept the waiting call. There is a short pause, then you will hear the new caller.

To return to the original caller, press **DELETE/FLASH** again. ☑

USING THE SPEAKERPHONE

You may use the phone as a speakerphone to answer calls by pressing the **line 1** or **line 2** button on the base. To hang up, press **line 1** or **line 2** again.

The base microphone is located under the phone. Position yourself as near to the base as possible and speak clearly.

If the handset is on the base, you may use either the base keypad or memory dialing to place a call.

ANSWERING A CALL FROM THE BASE

1. The base rings. The corresponding line 1 LED on the base flashes.

2. Press **line 1** and speak.

3. When you finish the call, press **line 1** to hang up.

ANSWERING A CALL FROM THE HANDSET

1. The handset rings and (Call) Line 1 appears.

2. Press **line 1** to answer your call. ☑

3. When you finish the call, press **line 1** on the handset, or return the handset to the base.

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MAKING A CALL FROM THE BASE

1. Press **line 1**.

2. Dial the number on the keypad, or use one of the memory features. (See "Making Calls with Memory Dialing" on page 29.)

3. When you finish the call, press **line 1** to hang up.

MAKING A CALL FROM THE HANDSET

Dialing from Talk Mode

1. Pick up the handset.

2. Press **line 1**.

   Dial the number on the keypad. Or use one of the memory features. (See "Making Calls with Memory Dialing" on page 29.)

   You have to use number keys when you use memory key.

3. When you finish the call, press **line 1** or, return the handset to the base.

Dialing from Standby Mode

To call a number while the handset is in standby mode, dial the number on the keypad, or use one of the memory features. Press **line 1**. (See "Making Calls with Memory Dialing" on page 29.) ✐

PLACING A CALL ON HOLD

Use either the keypad on the handset or the keypad on the base.

Basics

✐ **NOTE** ✐

If a line is in use, or a phone is off the hook, "**In Use Line 1** (or **Line 2**)" appears on the display.

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1. To place line 1 on hold at the base, press **HOLD**. The line 1 red LED flashes.

2. To place line 1 on hold at the handset, press **CID/MENU/HOLD**.

3. To pick up the call that is holding, press **line 1** on the base or handset.

USING THE SPEAKERPHONE MUTE FEATURE

Your cordless phone allows you to mute your conversation from the base. This prevents the party you are speaking to from hearing what you, or someone else in the room, is saying.

For example, to use this privacy feature while using line 1.

1. Press **MUTE**.

   The line 1 LED flashes green.

   You can hear the party on line 1, but they cannot hear you.

2. When you are ready to continue your conversation with the party on line 1, press **MUTE** or **line 1** again. The line 1 LED stops flashing.

2-LINE FEATURES

2-LINE OPERATION

The handset and the base can be used on separate telephone lines at the same time. For example, if the handset is on a call using line 1, you can make, or receive calls at the base on line 2. ☑

☑ **NOTE** ☑

When you attempt to make a call, the cordless phone informs you if a line is currently in use.

The line 1 LED on the base flashes green to indicate line 1 is in use at the handset.

When line 1 is in use at the base, the LCD screen displays (Base) Line 1.

Extension In Use
The Extension in use feature prevents accidental interruption of ongoing telephone conversations.

If you attempt to make a call and another phone is in use on line 1, the handset LCD indicates an extension is in use. (The line 1 LED at the base blinks.)

3-WAY CONFERENCING
This feature lets you add a third party to your conversation from either the handset or the base.

For example, to add a party to the current call on line 1 at the base:

1. Press **HOLD** to place the caller on hold.

   The line 1 LED turns from green to flashing red.

2. Press **line 2**.

3. Dial the number of the person you want to add to the conversation.

   When the person answers, you can speak privately before bringing the original caller back on the line.

4. Press **conf** to bring the original call back on line. The line 1 and line 2 LEDs are green. ✒

   If the third person's number is busy or doesn't answer, press **line 2** to hang up.

✒ **NOTES** ✒
- The flash feature does not function when the phone is in conference mode.
- If you want to join a conversation on an extension currently in use, press **line 1** or **line 2.**

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Return to the original call by pressing **line 1**.

5. To remove either caller from your conversation, ask one of the parties to hang up. Press the corresponding line button to end the call.

   Follow steps 1-5 to conference using the handset. When you return the handset to the base, all calls are disconnected.

4-WAY CONFERENCING

A fourth person, at either the handset or the base, may be added to conference call.

For example, to add a fourth party at the handset to an ongoing conference call at the base:

1. Press **HOLD**. The line 1 and line 2 LEDs flash red.

2. Press **INTERCOM** on the base to contact the handset.

3. Press ∧**/INTCM** on the handset.

   Speak to answer the page.

4. Press **conf** on the base or ∨**/CONF** at the handset to bring the party at the handset in on the call. The line 1 and line 2 LEDs are green.

5. To remove either caller from your conversation, ask one of the parties to hang up.

   Press the corresponding line button to end the call.

USING YOUR CORDLESS PHONE INTERCOM

Paging from the Base to Handset

1. Press **INTERCOM** on the base.

   The handset beeps. (If no answer, press **INTERCOM** on the base again to disconnect.)

2. Press any key on the handset.

   Speak into the mouthpiece to answer the page.

3. To turn off the intercom, press **INTERCOM** on the base or ∧**/INTCM** on the handset.

Paging from the Handset to Base

1. Press ∧**/INTCM** on the handset. (If no answer, press ∧**/INTCM** on the handset to disconnect.)

2. At the base, press **INTERCOM**.

   Speak into the base microphone to answer the page.

3. To turn off the intercom, press **INTERCOM** at the base or ∧**/INTCM** on the handset.

TRANSFERRING CALLS

1. To transfer a call from the base or handset, press **HOLD** or **CID/MENU/HOLD.** The line 1 LED flashes red.

2. Press **INTERCOM** or ∧**/INTCM**.

3. Answer the transferred call by pressing ∧**/INTCM** or **INTERCOM**. On the base the CHARGE/IN USE LED illuminates.

2-Line Features

You may then announce the call with the intercom.

4. To speak to the caller, press **line 1**.

   If no one is available to take the call, you can return to the caller by pressing **line 1** to take a message or complete the call.

SETTING MENU OPTIONS

There are four setup options available. They are Caller ID options [Auto Talk, CIDCW (Caller ID on Call Waiting), Area Code], and Language. See "To Enter Your Area Code" on page 24.

Auto Talk allows you to answer the phone without pressing the **line 1** key or the **line 2** key. If the phone rings when Auto Talk is on, simply remove the handset from the base and the phone automatically answers the call. Or if the handset is not on the base, press any key on the handset to answer the call. If the phone rings when Auto Talk is off, you must press the **line 1** key or the **line 2** key to answer the call.

Caller ID on Call Waiting (CIDCW) performs the same as regular Caller ID on a call waiting number. You must subscribe to CIDCW from your phone company in order to use this feature.

To Change Your Auto Talk and CIDCW:
1. When the phone is in the standby mode, press and hold the **CID/MENU/HOLD** key until the Caller ID setting screen appears.

2. Press the ∧/**INTCM** key or the ∨/**CONF** key to select "Line 1" or "Line 2".

3. Press **#/>**.

4. Press the ∧/**INTCM** key or the ∨/**CONF** key to move the cursor to the selection that you would like to change. Press the **SELECT/VOL/RING** key to toggle between "On" and "Off".

5. After you have made your selections, press the **CID/MENU/HOLD** key or return the handset to the base. ☑

Choosing the Dialing Mode
Most phone systems use tone dialing which sends DTMF tones through the phone lines. However some phone systems still use pulse dialing such as in rural areas. The default setting is tone dialing. Depending on your dialing system, set the mode as follows: ☑

1. Press and hold the **FLASH** key on the base until you hear a confirmation tone.

2. To set the dial mode for pulse dialing, press **#** on the base. Or to set the dial mode for tone dialing, press ∗/**tone** on the base. A confirmation tone sounds to indicate the setting is complete.

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

• If your phone dialing system requires pulse dialing and you need to send DTMF tones for certain situations during a call, you may "switch-over" to tone dialing. (See "Tone Dialing Switch-over" on page 14.)

☑ **NOTES** ☑

To Change Your Auto Talk and CIDCW:
Please return the handset to the base after you set CIDCW.

Choosing the Dialing Mode
Make sure your battery pack is fully charged before setting Caller ID options.

Setting Menu Options

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To Enter Your 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 messages. Do not program this option, if your calling area requires 10-digit dialing. When reviewing Caller ID messages, you will see only the local seven digit number. For calls received from outside your local area code, you will see a full 10-digit number. ✒

1. When the phone is in the standby mode, press and hold **CID/MENU/HOLD** until the Caller ID setting screen appears.

2. Press ∧/**INTCM** or ∨/**CONF** to select "**Line 1**" or "**Line 2**".

3. Press **#/>**.

4. Press ∧/**INTCM** or ∨/**CONF** to select "**Area Code**".

5. Press **SELECT/VOL/RING**.

6. Use the dial buttons (**0 - 9**) to enter the 3-digit area code.

7. Press **SELECT/VOL/RING**. A tone sounds and the displayed area code is entered.

8. Press **CID/MENU/HOLD** to complete the setting. Or return the handset to the base unit. The handset returns to standby mode. ✒

Setting the Language

1. When the phone is in the standby mode, press and hold **CID/MENU/HOLD**.

Setting Menu Options

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2. Press ∨/**CONF** twice to select "Language".

3. Press **SELECT/VOL/RING** to toggle between "Eng"(English) and "Fr."(French) for each setting.

4. Press **CID/MENU/HOLD** or return the handset to the base unit. The handset returns to the standby mode.

MEMORY FEATURES

STORING PHONE NUMBERS AND NAMES

Memory Dialing allows you to dial a number using just a few key presses.

Your cordless phone stores up to 30 names/ numbers in the handset plus 10 numbers in the base. Memory locations are shared by both lines. ☑

With the Handset

1. Pick up the handset from the base.

2. Press **MEMORY**.

3. Use the ∧/**INTCM** and ∨/**CONF**, or number keypad **(01-30)**, to choose the memory location to store a name/ number.

4. Press **SELECT/VOL/RING**.

5. Press **SELECT/VOL/RING**.

6. Entering a stored name - "Use the number keys, *∗/tone/<*, *#/>*, or **DELETE/ FLASH** to edit the name. (See "If you

☑ **NOTE** ☑

Whenever you are using a menu screen, you must press a key within 30 seconds or the phone will return to standby. You may also press **MEMORY** to exit a memory menu at anytime.

Memory Features

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make a mistake while entering a name" on page 27.)

To edit only the phone number, skip this step.

7. When you have finished entering a name, press **SELECT/VOL/RING**.

The cursor flashes, indicating that the display is ready for a number to be entered.

8. Enter the phone number with the number keypad. If you want to change the entered number, press **DELETE/ FLASH** and the cursor will move one space to the left and delete that number.

When entering numbers, you may press **REDIAL/PAUSE** to enter a pause in the dialing sequence. The display shows a "**P**".

The phone number cannot exceed 20 digits. ⩗

9. When you have finished entering a name/number, press **SELECT/VOL/ RING**.

You will hear a confirmation tone.

With the Base

1. Press **MEMORY**. The CHARGE/IN USE LED blinks.

2. Dial the number you wish to store.

The phone number cannot exceed 20 digits.

⩗ **NOTE** ⩗

Each pause counts as one digit and represents a two second delay of time between the digits as they are sent. The pause feature is useful for long distance calling, credit card dialing, or any other dialing sequence requiring a pause between digits.

Memory Features

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3. Press **MEMORY**. Enter the memory location number **(0 - 9)** on the keypad.

   The CHARGE/IN USE LED is no longer illuminated. A confirmation tone indicates the number is stored.

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 numeric key, the displayed character appears in the following order: Upper case letters first, lower case letters next and finally the number corresponding to the key. ☑

If you make a mistake while entering a name

Use the ∗**/tone/<** or **#/>** key to move the cursor to the incorrect character.

Press **DELETE/FLASH** to erase the wrong character, then enter the correct character.

To delete all characters, press and hold **DELETE/FLASH**.

For example, to enter Movies.

1. Pick up the handset. Press **MEMORY**.

2. Enter a number or press the ∧**/INTCM** or ∨**/CONF** key to select a memory location.

3. Press **SELECT/VOL/RING**.

4. Press **SELECT/VOL/RING**. (When there is information already stored in the selected memory location, ¨**Edit MemoryXX**¨ is displayed. See page 30

☑ **NOTE** ☑

If the next character uses the same number key, you must press **#/>** to move the cursor over. Otherwise the next time you press the number key, it changes the character that was previously set.

for information on "Editing a Stored Name and/or Phone Number".)

5. Press **6** then press **#/>** to move the cursor to the right.

6. Press **6** six times.

7. Press **8** six times.

8. Press **4** six times.

9. Press **3** five times.

10. Press **7** eight times.

11. When finished, press **SELECT/VOL/ RING**.

To continue to store the telephone number, proceed to step 8 on page 26.

	Number of times key is pressed								
keys	1	2	3	4	5	6	7	8	9
1	1								
2abc	A	B	C	a	b	c	2		
3def	D	E	F	d	e	f	3		
4ghi	G	H	I	g	h	i	4		
5jkl	J	K	L	j	k	l	5		
6mno	M	N	O	m	n	o	6		
7pqrs	P	Q	R	S	p	q	r	s	7
8tuv	T	U	V	t	u	v	8		
9wxyz	W	X	Y	Z	w	x	y	z	9
0	✳	♯	—	&	(	)	(blank)	0	

MAKING CALLS WITH MEMORY DIALING

Follow the steps below to dial a number using a programmed memory location: ✓

With the Handset
1. Press **MEMORY**. The handset displays your programmed memory locations. ✓

2. Press ∧/**INTCM** and ∨/**CONF**, or enter the number **(01-30)** to select the memory location you would like to dial.

3. Press **line 1** or **line 2**.

   The number dials.

With the Base
1. Press **line 1** or **line 2**.

   The line's LED illuminates.

2. Press **MEMORY**. Enter the memory location number **(0-9)**, to dial the number.

CHAIN DIALING
The 30 memory locations on the handset are not limited to phone numbers.

You may want to store in memory 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. Once you have called your bank, when you are prompted to enter the account number, simply press **MEMORY** and then select the location where the special number has been stored.

✓ **NOTES** ✓

- To exit the memory function without dialing press **MEMORY**. The handset returns to standby.

- When reviewing memory location you must press a key within 30 seconds or the phone will return to standby.

Memory Features

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Store your special number in memory as you would a phone number.

(See "Storing Phone Numbers and Names" on page 25.)

Enter a "pause" in the sequence as necessary. A "pause" counts as one digit and represents a two second delay in time between digits as they are sent.

EDITING A STORED NAME AND/OR PHONE NUMBER

To edit a number you have stored in the handset.

1. Pick up the handset from the base.

2. Press **MEMORY.** The display shows the "Select Memory" screen and any saved names/numbers. ☑

3. Use the ∧/**INTCM** and ∨/**CONF**, or number keypad, to select the memory location **(01-30)** you would like to edit.

4. Press **SELECT/VOL/RING**.

5. Press **SELECT/VOL/RING**. The display shows the memory location you have selected. ☑

6. Press **SELECT/VOL/RING** again to enter the "Edit Memory" mode.

7. A cursor flashes indicating that the display is ready to edit the name.

8. Entering a stored name - "Use the number keys, ✱/**tone/<**, **#/>**, or **DELETE/ FLASH** to edit the name. (See page 28) To edit only the phone number, skip this step."

Memory Features

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9. Press **SELECT/VOL/RING**.

   A cursor flashes indicating that the display is ready for the number to be edited.

10. Enter the phone number with the number keypad (direct entry).

    Press **DELETE/FLASH** to remove any unwanted character.

    Press and hold **DELETE/FLASH** to clear the entire number.

11. Press **SELECT/VOL/RING**. If you changed either name or phone number, a confirmation display shows up.

    If it is correct, press ∧**/INTCM** and press the **SELECT/VOL/RING** key again. You will hear a confirmation tone.

12. The display then returns to the "Select Memory" screen. You may select another number to edit (return to step 3) or press **MEMORY** to return to standby. To edit a number stored in the base, repeat the steps for storing numbers in the base. (See page 26.) This will simply overwrite the number that was previously stored in the location.

ERASING A STORED NAME AND PHONE NUMBER

With the Handset
1. Pick up the handset from the base.

2. Press **MEMORY** . The handset shows the "Select Memory" screen with saved name/numbers displayed.

3. Use the ∧**/INTCM** and ∨**/CONF**, or number keypad **(01-30)**, to select the memory location you would like to delete.

4. Press **SELECT/VOL/RING**.

5. Press **SELECT/VOL/RING**.

6. Use the ∨**/CONF** to move the cursor to "Delete MemoryXX".

7. Press **SELECT/VOL/RING**.

8. Use the ∧**/INTCM** to move the cursor to "Yes".

9. Press **SELECT/VOL/RING** or **DELETE/ FLASH**.

   There is a confirmation tone.

10. The display then returns to the "Select Memory" screen. You may select another number to delete (return to step 3) or you may press **MEMORY** to return to standby.

With the Base

1. Press **MEMORY**.

2. Press **MEMORY** again. Enter the memory location **(0-9)** of the number you wish to delete.

   A confirmation tone indicates the number has been deleted.

CALLER ID FEATURES

CALLER ID

You must subscribe to Caller ID from your phone company to use this feature.

When the telephone rings, the Caller ID feature allows you to review caller's name and phone number on the display before you answer the phone. At the second ring, the handset displays the phone number of the incoming call, the name. If your Caller ID service is number only, the name does not appear on the second line.

If a name or number is not available, the display shows a message such as "Incomplete Data", "Private Number", "Private Name", "Unknown Name", etc.

Additionally, you can dial the displayed number and store the information for memory dialing. Make sure you have turned on the Caller ID/Call Waiting feature (See page 22).

WHEN THE TELEPHONE RINGS

When the Caller ID message is received, the display shows the caller's phone number along with the name. The incoming call information is stored in the Caller ID record. If the Caller ID service includes the caller's name, the caller's name appears on the display (up to 15 letters).

VIEWING THE CALLER ID MESSAGE LIST

The Caller ID list stores information for up to 80 incoming calls - even unanswered calls.

To review your Caller ID names/numbers, follow the steps below:

1. Press **CID/MENU/HOLD**. ✓

2. Use ✳/**tone/<** or **#/>** to select "Line 1" or "Line 2" for Caller ID.

✓ NOTES ✓

- If you have no Caller ID name/numbers, then the total is shown as "00".

- Once a Caller ID message has been viewed, it is no longer considered a new message.

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3. Press ∨**/CONF** to see the next message.

   Or press ∧**/INTCM** to see previous message. ☐

4. Press **CID/MENU/HOLD** to return to standby.

USING THE CALLER ID LIST

Calling a Caller ID name/number
You can place a call from the Caller ID list. The cordless phone stores up to 80 messages.

1. Press **CID/MENU/HOLD**. The Caller ID summary screen shows the number of new callers and total number of calls. ☐

2. Use ✳**/tone/<** or **#/>** to select "**Line 1**" or "**Line 2**" Caller ID.

3. Press ∨**/CONF** to scan forward.

   Press ∧**/INTCM** to scan backwards through the list.

4. Select the name/number that you would like to dial.

5. Press **line 1** or **line 2**. The number automatically dials.

Long Distance Calls and Area Code Setting/Cancellation
Pressing **1** while the incoming Caller ID information is displayed (in step 3) will place the prefix "**1**" in the display to setup for a long distance call.

☐ **NOTES** ☐

- In Caller ID operation, if no key is pressed for more than 30 seconds, an error tone sounds and the telephone returns to the standby mode.

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

- Each message can be up to 15 characters for the phone number and the name.

- The number of calls from the same Caller ID appears next to the received time.
  Once you view the new calls, the number will be cleared and disappeared.

Pressing **3** will set or cancel an area code setting.

Storing a Caller ID Number in a Memory Location

1. Press **CID/MENU/HOLD**. The Caller ID summary screen shows the number of new callers and total number of calls.

2. Use ✳**/tone/<** or **#/>** to select "**Line 1**" or "**Line 2**" Caller ID.

3. Press ∧**/INTCM** or ∨**/CONF** to find the name/number that you would like to store.

4. Press **MEMORY** to store the selected message.

5. The "**Select Memory**" screen appears. Use the ∧**/INTCM** and ∨**/CONF**, or enter the number **(01-30)** to select a blank memory location where you would like to store the number.

   (If you want to replace an existing number with the Caller ID number, skip to step 7).

6. Press **SELECT/VOL/RING**. A confirmation tone sounds. The number is programmed.

7. If you choose to replace an existing number with the Caller ID number, press **SELECT/VOL/RING**.

8. Use the ∧**/INTCM** to move the cursor to "**Yes**". Press **SELECT/VOL/RING**.

   A confirmation tone sounds and the number is programmed. ✐

✐ **NOTE** ✐

If you select "**No**", then the Caller ID screen returns.

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DELETING INFORMATION FROM THE CALLER ID LIST

The cordless phone stores up to 80 messages. If the phone receives the 81st message for each line, the oldest one in the list is automatically deleted. Caller ID data can also be deleted manually.

Deleting a Caller ID Message

To delete a single Caller ID message, follow the steps below.

1. Press **CID/MENU/HOLD**. The Caller ID summary screen shows the number of new callers and total number of calls.

2. Use ✳ **/tone/<** or **#/>** to select "**Line 1**" or "**Line 2**" Caller ID.

3. Press ∧**/INTCM** or ∨**/CONF** to find the name/number.

4. Press **DELETE/FLASH**.

5. Press **SELECT/VOL/RING** or **DELETE/FLASH**. A confirmation tone sounds. The Caller ID screen returns with the next name/number displayed. ☑

   If you select "**No**", the Caller ID screen returns.

6. Press **CID/MENU/HOLD** to return to standby.

Deleting All Caller ID Name/Numbers

To delete all of your Caller ID messages, follow the steps below.

1. Press **CID/MENU/HOLD**. the Caller ID summary screen shows the number of new callers and total number of calls.

2. Use ✱**/tone/<** or **#/>** to select "`Line 1`".

3. Press **DELETE/FLASH** to delete name/ numbers on line 1.

4. Use the ∧**/INTCM** to move the cursor to "`Yes`".

5. Press **DELETE/FLASH** or **SELECT/VOL/ RING**. A confirmation tone sounds.

6. Repeat steps 3 through 5 for line 2.

   All your Caller ID messages are deleted.

USING CIDCW (CALLER ID ON CALL WAITING)

1. During a call, when you hear the Caller ID tone, check the handset display for the name and the number of the incoming call.

2. Press **DELETE/FLASH** to accept the incoming call. See "Flash and Call Waiting" on page 15.

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.

☑ **NOTES** ☑

• If you place the handset on the base to recharge it while the headset is connected, be sure the handset seats propely.

• 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.

Using a Headset

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SELECT/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.

TROUBLESHOOTING

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

Symptom	Suggestion
The CHARGE/IN USE LED won't light when the handset is placed on the base unit.	• Make sure the AC adapter is plugged into the base unit and wall outlet. • Make sure the handset is properly seated on the base unit. • Make sure the charging contacts on the handset and base unit are clean.
The audio sounds weak and/or scratchy.	• Press **CHANNEL** during a call to help eliminate background noise. • Make sure that the base unit antenna is in a vertical position. • Move the handset and/or base unit to a different location away from 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 unit telephone line cord. • Make sure the AC adapter is plugged into the base unit and wall outlet. • Disconnect the AC adapter for a few minutes, then reconnect it. • Change the digital security code (See page 11). • Make sure **line 1** or **line 2** is pressed.
The handset doesn't ring or receive a page.	• The battery pack may be weak. Charge the handset on the base unit for more than 15 hours. • The handset may be too far away from the base unit. • Place the base unit away from appliances or metal objects. • Change the digital security code (See page 11).
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/CIDCW 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 • Make sure that the CIDCW option is set to "On".

Troubleshooting

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. Check the REN (See "FCC Statement"). If you cannot find the problem, take the phone to your local RadioShack store for assistance.

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.

FCC STATEMENT

Your telephone compiles with Part 68 of the FCC Rules.Upon request, you must provide the phone's FCC registration number and REN to your phone company. These numbers are on the base unit.

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. ✍

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

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.

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.

SURGE PROECTION
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,

☑ **NOTE** ☑

You must not connect your phone to:

- coin-operated systems
- most electronic key telephone systems

Service and Repair

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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.

Service and Repair

NOTE

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