RadioShack®

ET-3507
900 MHz Dual Handset Phone

with Caller ID/Call Waiting

☐ *Contents*

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**	⚡ 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.
CAUTION: TO REDUCE THE RISK OF ELECTRICAL SHOCK, DO NOT REMOVE COVER OR BACK. NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED PERSONNEL.	⚠ The exclamation symbol is intended to inform you that important operating and maintenance instructions are included in the literature accompanying this product.

❒ *Important Information*

READ THIS BEFORE INSTALLATION

Your phone is ETL listed to UL standards and meets all applicable FCC standards.

We have designed your telephone to conform to federal regulations, and you can connect it to most telephone lines. However, each device 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. The REN is on the bottom of your telephone's base.

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.

IMPORTANT CALLER ID INFORMATION

To use the phone's Caller ID and Call Waiting features, you must be in an area where Caller ID and Call Waiting services are available and you must subscribe to the services.

Where Caller ID is offered, one or more of the following options are generally available:

- caller's number only

- caller's name only

- caller's name and number

For the phone's Caller ID memory dial feature to operate, you must receive the caller's number.

Your telephone operates on standard radio frequencies as allocated by the FCC. Even though the access protection code prevents unauthorized use of your phone line, it is possible for other radio units operating on similar frequencies within a certain area to unintentionally intercept your conversations and/or cause interference. This lack of privacy can occur with any cordless phone.

☐ *Introduction*

Your RadioShack ET-3507 900 MHz Dual Handset Phone offers the latest advances in cordless phone technology. The corded base and cordless handset operate through one phone jack. It saves up to 35 Caller ID records that you can review and call back using the corded base or cordless handset.

An FCC-compliant telephone cord with a modular plug is provided with this equipment. This equipment is designed to be connected to the telephone network or premises wiring using a compatible modular jack which is FCC Part 68-compliant. See "Installing the Corded Phone" on Page 6 for details.

This equipment is hearing aid compatible.

3-Line Backlit Display — lets you view a caller's name and number on both phones' screens.

10-Memory Speed Dial — stores up to 10 frequently called phone numbers for easy dialing.

Call Waiting ID — displays Caller ID information about an incoming call when you are on the phone (if you subscribe to this service from your local phone company).

VIP Memory with Distinctive Ringer — lets you store up to 5 records, complete with a distinctive ring for easy identification.

Three-Way Conference — lets you talk with someone on an outside telephone line, the corded phone, and the cordless handset.

Corded Phone (Base)

Hands-Free Speakerphone – lets you talk on the phone without picking up the handset.

RJ11C Data Port – lets you connect the phone to a computer modem.

Message Waiting/New Call Indicators — let you see at a glance that you have messages or new Caller ID records.

Note: You must subscribe to your phone company's special services in order to use these features.

Page/Intercom — lets you page the cordless handset and carry on a conversation.

Contrast Control — lets you adjust the backlit display's contrast for easy viewing.

Cordless Handset

10-Channel Auto Scan — automatically selects a clear channel when you make or answer a call.

Built-In Compander Noise Reduction Circuit – ensures clear and crisp conversations.

Ample Talk and Standby Time — when fully charged (about 12 hours), the supplied battery provides about 7 hours of talk time or 7 days of standby time.

Security Access-Protection Code — prevents other cordless phone users from using your phone line.

❒ *Preparation*

CHOOSING A LOCATION

The corded phone and cordless handset (with charging cradle) require only one phone jack for both phones. You can place the cordless handset and the charging cradle anywhere in your house, such as the kitchen, workshop or garage, without using a separate phone jack.

INSTALLING THE CORDED PHONE

You can place the corded phone on a desk or table, or mount it on a standard wall plate or directly on a wall. Use the supplied 12V, 300-mA AC/DC adapter to power the corded phone.

Select a location that is:

- near an easily accessible AC outlet

- near a telephone line jack

- out of the way of normal activities

- away from electrical machinery, electrical appliances, metal walls, filing cabinets, wireless intercoms, security alarms, and room monitors. The corded phone's location affects the phone's range. If you have a choice of several locations, try each to see which provides the best performance.

Cautions:

⚠️ You must use a Class 2 power source that supplies 12V DC and delivers at least 300 mA. Its center tip must be set to positive and its plug must fit the corded phone's **DC 12V 300mA** 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.

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
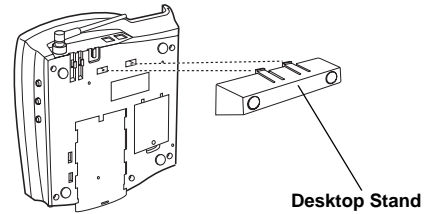
Desktop Stand

1. Insert the tabs on the top of the desktop stand into the slots on the phone's base, then snap the stand's bottom tabs into place.

2. Plug one end of the supplied modular cord into the **TEL LINE** jack on the back of the corded phone.

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

4. Insert the supplied AC adapter's barrel plug into the **DC 12V 300mA** jack on the back of the corded phone.

5. Route the adapter's cord through the strain relief slot.

6. Plug the adapter into a standard AC outlet.

7. Lift the corded phone's antenna to a vertical position.

On a Wall Plate or Wall

1. Insert the bracket's tabs into the corded phone's tab slots, then press down on the bracket's clips and insert them into the clip slots.
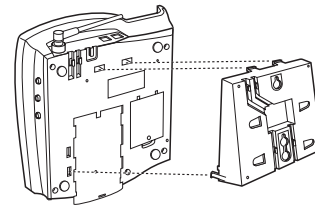
2. Plug one end of the supplied modular cord into the **TEL LINE** jack on the back of the corded phone.

3. Insert the supplied AC adapter's barrel plug into the **DC 12V 300mA** jack on the back of the corded phone.

4. Route the adapter and modular cord through the groove on the bottom of the bracket.

5. Plug the modular cord's other end into the wall plate jack, then align the bracket's keyhole slots with the wall plate studs and slide the corded phone downward to secure it.

6. Plug the adapter into a standard AC outlet.

7. Press and lift out the handset holder, turn it upside down so its tabbed edge faces up, then slide it back down into its slot.

Note: 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. Follow the steps under "On a Wall Plate or Wall" on Page 6 then apply these additional instructions for placement on a wall.

1. Drill two holes $3^{15}/_{16}$ inches (100 mm) apart. Thread a screw into each hole, letting the heads extend about $^5/_{16}$ inch (8 mm) from the wall.

2. Align the bracket's keyhole slots with the mounting screws and slide the corded phone downward to secure it.
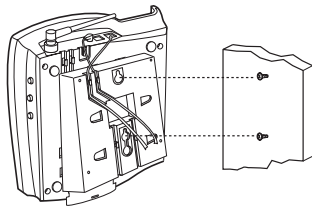
Connecting the Corded Handset

Plug one end of the supplied coiled cord into the modular jack on the corded phone's side, then plug the other end into the modular jack on the corded handset.

Installing the Corded Phone's Batteries

Your corded phone requires 4 AAA batteries (not supplied) for Caller ID (CID) memory backup in case of power failure. For the best performance and longest life, we recommend RadioShack alkaline batteries.

Cautions:

• Use only fresh batteries of the required size and recommended type.

• Do not mix old and new batteries, different types of batteries (standard, alkaline, or rechargeable), or rechargeable batteries of different capacities.

Follow these steps to install the batteries.

1. Use a Phillips screwdriver to loosen the screw in the battery compartment on the bottom of the corded phone. Lift up the cover.

2. Install the batteries according to the polarity symbols (+ and –) marked inside.

3. Replace the cover and secure it with the screw.

When there is no battery installed or the batteries are low, LOW flashes on the display. Replace the batteries.

Warning: Dispose of old batteries promptly and properly. Do not burn or bury them.

Caution: If you do not plan to use the corded phone with batteries for a month, remove the batteries. Batteries can leak chemicals that can destroy electronic parts.

INSTALLING THE CORDLESS PHONE

You can place the cordless phone's charging cradle on a desk or table. Use the supplied 12V 200mA AC/DC adapter to power the charging cradle.

Cautions:

⚠ You must use a Class 2 power source that supplies 12V DC and delivers at least 200 mA. Its center tip must be set to positive and its plug must fit the charging cradle's **DC 12V 200mA** jack. The supplied adapter meets these specifications. Using an adapter that does not meet these specifications could damage the charging cradle or the adapter.

• Always connect the AC/DC adapter to the charging cradle before you connect it to AC power. When you finish, disconnect the adapter from AC power before you disconnect it from the charging cradle.

Plug the supplied AC/DC adapter's barrel plug into the charging cradle's **DC 12V 200mA** jack, then plug the adapter into a standard AC outlet.

Connecting, Charging and Replacing the Cordless Handset's Battery Pack

The cordless handset comes with a rechargeable nickel-cadmium battery pack. You must connect the battery pack and charge it for at least 12 hours before you use the phone for the first time.

1. Slide off the battery compartment cover.

2. Unfasten the retainer strap and 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 replace the battery pack and fasten the retainer strap.
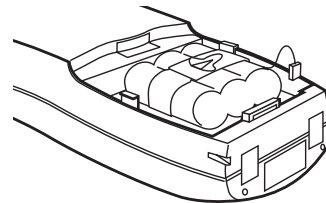
4. Replace the cover.

To charge the battery pack, place the handset in the charging cradle. The CHARGE indicator lights.

Notes:

- The CHARGE indicator lights even if the battery pack's connector is not plugged into the compartment. Be sure the battery pack is properly connected before charging.

- Recharge the battery pack if **LOW BATTERY** appears and the cordless handset beeps twice every 7 seconds while you are using the phone, or if **LOW BATTERY** appears when the phone is not in use.

- If the handset does not work immediately after charging or recharging the battery pack, reset the cordless handset's security access-protection code. (See "Resetting the Security Access-Protection Code" on Page 9.)

- About once a month, fully discharge the battery pack by keeping the phone off the cradle until **LOW BATTERY** appears. Otherwise, the battery pack loses its ability to fully recharge.

- If the CHARGE indicator does not light when you place the handset on the charging cradle, be sure the AC/DC adapter is correctly and securely connected.

- Check the charging contacts on the handset and charging cradle. If the contacts are dirty or tarnished, clean them with a pencil eraser.

- If you are not going to use your phone for a month or longer, disconnect its battery pack. This helps increase the battery pack's life.

The supplied battery pack should last 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 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 your local RadioShack store. Install the new battery pack, place the handset in the charging cradle, and charge the battery for 12 hours before using it.

Note: To avoid losing numbers stored in memory, you must install and begin charging the new battery pack within 2 minutes of removing the old one.

Warning: Dispose of the old battery pack promptly and properly. Do not burn or bury it.

Cautions:

- You must use a replacement battery pack of the same size and type.

- Do not dispose of the battery pack in a fire because it might explode.

- Do not open or mutilate the battery pack.

- Be careful not to short the battery pack by touching the connector's pins with conducting materials, such as rings, bracelets, and keys. The battery pack or conductor might overheat and burn.

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

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.

SETTING UP THE CORDED PHONE

Setting the Dialing Mode

Set **TONE/PULSE** on the side of the corded phone for the type of service you have. If you are not sure which type you have, do this simple test.

1. Set **TONE/PULSE** to **TONE**.

2. Lift the corded handset.

3. Press any number other than **0**.

   Note: If your phone system requires that you dial an access code (**9**, for example) before you dial an outside number, do not press the access code either.

   If the dial tone stops, you have touch-tone service. If the dial tone continues, you have pulse service.

4. If you have tone service, leave **TONE/PULSE** set to **TONE**. If you have pulse service, set **TONE/PULSE** to **PULSE**.

5. To hang up, return the corded handset to its cradle.

Adjusting the Display Contrast

You can lighten or darken the corded phone's display following these steps:

1. Hold down **FUNCTION** until **I ----- I LCD CONTRAST** appears. **-** indicates the level of the contrast. There are eight levels.

2. Press ▶▶ to darken the display, or ◀◀ to lighten the display.

   Note: The phone sounds 3 beeps when you reach the lowest or highest contrast level.

3. Press **FUNCTION** to save the new setting and enter the area code setting mode. ᗩᖇᗴᗩ ᑕOᗪᗴ = --- appears.

Note: In Steps 2 and 3, if you do not press a key within 12 seconds, the corded phone exits the display contrast setup.

STORING YOUR AREA CODE

To dial a number from a Caller ID or VIP record (see "Dialing a Number From a VIP or Caller ID Record" on Page 17), you must first store your local area code in the phone's memory. Then, when you dial from a Caller ID or VIP record, the system skips the area code if it matches the one you stored.

Note: Do not store the area code if your area requires ten digit dialing. Otherwise, it dials incorrectly on call back.

Corded Phone

When ᗩᖇᗴᗩ ᑕOᗪᗴ = --- appears, enter your three-digit area code within 12 seconds. The phone beeps twice. The area code is stored and the phone returns to standby mode. To replace a stored area code, store a new one in its place.

Note: If you are not in the Area Code setting mode, hold down **FUNCTION** for 2 seconds, then press **FUNCTION** again to skip the display contrast mode. ᗩᖇᗴᗩ ᑕOᗪᗴ = --- appears.

### Cordless Handset

Press and hold **#/FUNC** on the cordless handset until ᗩᖇᗴᗩ ᑕOᗪᗴ = --- appears. Enter your three-digit area code within 12 seconds. The cordless handset beeps twice. The area code is stored and the cordless handset returns to standby mode. To replace a stored area code, store a new one in its place.

USING THE DATA PORT

The corded phone is equipped with an extra phone jack that allows you to connect to a computer modem. You need a modular cord (available at your local RadioShack store) to connect the phone to a computer modem.

DC 12V 300mA Jack — **DATA PORT** — **TEL LINE**
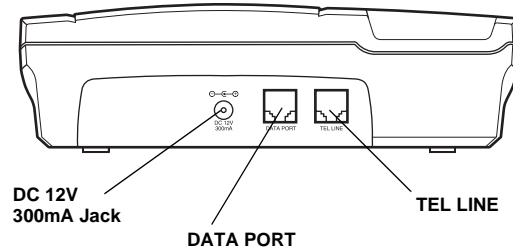
Plug one end of the modular cord into the **DATA PORT** jack on the back of the corded phone. Plug the modular cord's other end into a computer modem's telephone line jack.

Note: You cannot use the data port and the telephone at the same time.

SETTING UP THE CORDLESS HANDSET

Resetting the Security Access-Protection Code

If the cordless handset does not work immediately after charging or recharging the battery pack, you must reset the security access-protection code (see "Connecting, Charging and Replacing the Cordless Handset's Battery Pack" on Page 7).

1. Hold down **DELETE** on the corded phone for until ᕼᔕ ᖇᗴᘜIᔕTᖇᗩTIOᑎ appears.

2. Within 12 seconds, hold down **FLASH/DELETE** on the cordless handset until IᑎITIᗩᒪIᘔᗩTIOᑎ... appears.

   Note: If you wait longer than 12 seconds, the phone exits security code setup.

3. Once the cordless handset successfully receives the security code from the corded phone, the cordless handset and the corded phone beeps twice. ᑕOᑎᖴIᖇᗰᗴᗪ appears on both phones.

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. Contact your local RadioShack store for a suitable headset.

To connect the headset, insert the headset plug into the headset jack on the cordless handset.
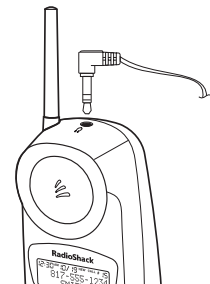
SETTING THE RINGERS

To have the phone ring when a call comes in, set **RINGER** to **ON**. To turn the ringer off, set **RINGER** to **OFF**. With **RINGER** set to **OFF**, you can still make outgoing calls. If you hear an extension telephone ring, you can answer the incoming call on this phone. The NEW CALL indicator on the corded phone flashes until you answer the call. The display lights on both the corded phone and the cordless handset, and automatically turns off after 12 seconds.

You can adjust the base ringer's frequency by sliding **RINGER FREQ A/B/C** on the side of the base.

SETTING THE DATE AND TIME

The phones' dates and times are automatically updated by the Caller ID information from the telephone company. You cannot set the time and date manually.

Note: If you do not apply Caller ID service, the date and time cannot be stored.

When you first install the phone, ask someone to call you. The phones' dates and times are automatically updated by the Caller ID information from the telephone company. The dates and times are not updated when you make a call.

Every time the phones receive calls, the dates and times are updated by the Caller ID information from the phone company. But if the date or time of the Caller ID information is invalid (i.e., 28:00, or 8/32), the incorrect date or time is not stored.

☐ *Operation*

A QUICK LOOK AT YOUR PHONE
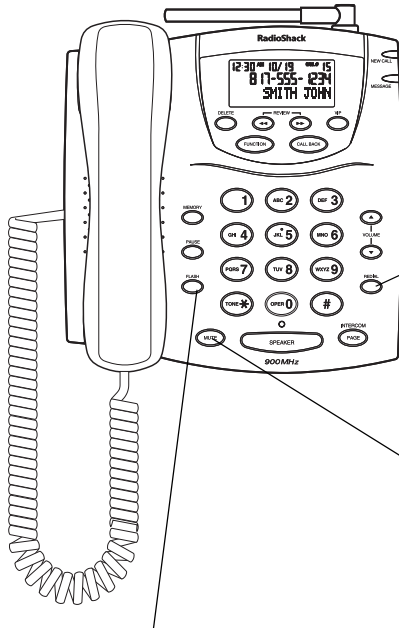
REDIAL — To quickly redial the last number dialed, pick up the corded handset or press **SPEAKER**, then press **REDIAL**.
To redial a busy number, press **REDIAL** without hanging up the phone. **FLASH** appears and a dial tone sounds for about 2 seconds, then the number automatically redials.
Notes:
The redial memory holds up to 32 digits, so you can redial long-distance as well as local numbers.
The redial memory can also store tone entries and pause entries (see "Using Tone Services on a Pulse Line" on Page 12 and "Entering a Pause" on Page 14).

MUTE — To talk to someone else in the room without the person on the other end of the phone line hearing your conversation, press **MUTE** on the corded phone. **MUTE** appears. Press **MUTE** again to resume your phone conversation.

FLASH — provides the electronic equivalent of a switchhook signal for special phone services such as Call Waiting.
If you have Call Waiting, press **FLASH** to answer an incoming call without disconnecting the current call. **FLASH** appears. Press **FLASH** again to return to the first call. **FLASH** appears.
Note: If you do not have any special phone services, pressing **FLASH** might disconnect your current call.

CH — If you hear interference during a call, repeatedly press **CH** on the cordless handset to change the channel until you hear a clear one.

FLASH/DELETE — provides the electronic equivalent of a switchhook signal for special phone services such as Call Waiting.
If you have Call Waiting, press **FLASH/DELETE** to answer an incoming call without disconnecting the current call. **FLASH** appears. Press **FLASH/DELETE** again to return to the first call. **FLASH** appears.
Note: If you do not have any special phone services, pressing **FLASH/DELETE** might disconnect your current call.

REDIAL — To quickly redial the last number dialed, press **TALK** then **REDIAL/CALL BACK**.
To redial a busy number, press **REDIAL/CALL BACK** without hanging up the phone. **FLASH** appears and a dial tone sounds for about 2 seconds, then the number automatically redials.
Notes:
The redial memory holds up to 32 digits, so you can redial long-distance as well as local numbers.
The redial memory can also store tone entries and pause entries (see "Using Tone Services on a Pulse Line" on Page 12 and "Entering a Pause" on Page 14).

MAKING AND ANSWERING A CALL

Corded Phone

To make a call using the corded phone, pick up the corded handset or press **SPEAKER** to use the speakerphone. You hear a dial tone and **ENTER NUMBER ?** appears (if you are using speakerphone, the red SPEAKER indicator also lights). Dial the desired number.

Note: When you press ✳ or #, the corded phone's display shows **A** or **b** respectively.

To answer a call, pick up the corded handset or press **SPEAKER**.

To end a call, press **SPEAKER** or return the corded handset to its cradle.

Note: Even when there is an AC power failure and no battery is installed in the corded phone, you can still make and receive calls using the corded handset. But you cannot use the cordless handset or the speakerphone, or other functions of the phone.

Cordless Handset

To make a call using the cordless handset, lift the cordless handset, then press **TALK**. **WAITING** appears. When the cordless handset links up with the corded phone, the channel, call duration timer and the receiver volume level appear. You hear a dial tone. Dial the desired number.

To answer a call, lift the cordless handset, then press **TALK**.

To end a call, press **TALK** or place the cordless handset on its cradle.

Notes:

• The call duration timer starts counting from **00:00** when you dial the number or receive a call, and stops counting when you hang up the phone. The call duration appears briefly after you hang up the phone.

• When you press a button, a single tone indicates that the phone has accepted the command. Three tones indicate that you pressed a button in error, or there is severe interference.

• If interference is severe, the cordless handset might lose communication with the corded phone and the call might disconnect. If this happens, reset the cordless handset's security access-protection code (see "Resetting the Security Access-Protection Code" on Page 9).

ADJUSTING THE VOLUME

Corded Phone

To adjust the corded handset's volume, pick up the corded handset, then repeatedly press **VOLUME** ▲ or ▼ . The volume level (up to 4 levels) you selected appears. The volume level remains set after you hang up.

To adjust the speakerphone's volume, press **SPEAKER**, then repeatedly press **VOLUME** ▲ or ▼ . The volume level (up to 8 levels) you selected appears. The volume level remains set after you press **SPEAKER** again.

Cordless Handset

To adjust the cordless handset's volume, press **TALK**. Then repeatedly press **VOL/CID** ▲ or ▼ . The volume level (up to 4 levels) you selected appears. The volume level remains set after you hang up.

Note: The corded phone or the cordless handset sounds 3 beeps when you reach the lowest or highest listening level.

USING TONE SERVICES ON A PULSE LINE

Some special services, such as bank-by-phone, require tone signals. If you have pulse service, you can still use these tone services by following these steps:

1. Dial the service's main number.

2. When the service answers, press **TONE/✳/VIP** on the cordless handset or **TONE/✳** on the corded phone. Any additional numbers you dial are sent as tone signals.

3. After you complete the call, hang up the phone. The phone automatically resets to pulse dialing.

USING PAGE/INTERCOM

Using the corded phone, you can send a page to the cordless handset to locate it when it is away from the charging cradle and not in use. You can use the corded phone's intercom feature to carry on a conversation with a person using the handset.

To page the cordless handset, press **PAGE/INTERCOM** on the corded phone. The cordless handset beeps for about 15 seconds. Hold down **PAGE/INTERCOM** for about 3 seconds. The cordless handset beeps for about 1 minute. **PAGING** appears on both the corded phone's and the cordless handset's displays. Press **INTCM** on the cordless handset to talk with the corded phone. The channel, **INTCM** and the volume level appear on both the corded phone's and cordless handset's displays.

To send an intercom signal from the cordless handset to the corded phone, press **INTCM** on the cordless handset. **INTERCOM** appears on both the corded phone's and the cordless handset's displays. The corded phone beeps for about 15 seconds. Press **PAGE/INTERCOM** on the corded phone to talk with the cordless handset. The channel, **INTCM** and the volume level appear on both the corded phone's and cordless handset's displays. Pick up the corded handset to talk if you do not want to use the speakerphone.

To exit the intercom mode, press **PAGE/INTERCOM** or **SPEAKER** on the corded phone, or **INTCM** or **TALK** on the cordless handset.

Note: If an incoming call is detected while using the intercom, the corded phone and the cordless handset beep about once every 4 seconds and the NEW CALL indicator on the corded phone flashes. To answer the call, press SPEAKER on the corded phone or **TALK** on the cordless handset, or pick up the corded handset.

TRANSFERRING A CALL

Between the Corded Handset and the Speakerphone

To transfer a call from the speakerphone to the corded phone, pick up the corded handset. The speakerphone turns off and the call is transferred to the corded handset. The SPEAKER indicator turns off.

To transfer a call from the corded phone to the speakerphone, press **SPEAKER**. The call is transferred to the speakerphone, and the SPEAKER indicator turns on. Place the corded handset in its cradle.

From the Corded Phone or the Speakerphone to the Cordless Handset

1. Press **PAGE/INTERCOM** on the corded phone to page the cordless phone. The call is placed on hold. **PAGING** appears on both the corded phone's and the cordless handset's displays, and the cordless handset beeps.

2. Press **INTCM** on the cordless handset to talk to the corded phone.

3. Press **SPEAKER** on the corded phone or hang up the corded handset to transfer the call to the cordless handset.

From the Cordless Handset to the Corded Phone

1. Press **INTCM** on the cordless handset to hold the call and send an intercom signal to the corded phone. **INTERCOM** appears on both the corded phone's and

the cordless handset's displays. The corded phone beeps.

2. Press **PAGE/INTERCOM** on the corded phone to talk to the cordless handset.

3. Press **TALK** on the cordless handset to transfer the call to the corded phone.

CONFERENCING

You can use the corded phone and the cordless handset to talk with an outside line at the same time.

When the corded phone is in use, press **TALK** on the cordless handset to start the conference call.

When the cordless handset is in use, pick up the corded handset or press **SPEAKER** to join the conversation. **BASE IN USE** appears on the cordless handset. **HANDSET IN USE** appears on the corded phone. Both phones sound three short beeps.

☐ *Memory Operation*

You can store up to 10 numbers (up to 24 digits) in each phone's memory.

Notes:

- To keep your accounts secure, we recommend you do not store your personal access code for services such as bank-by-phone in a memory location.

- When storing numbers for special services (such as alternate long-distance or bank-by-phone), store the service's main phone number in one memory location and numbers for additional information in other locations.

STORING A NUMBER

1. Press **MEM** on the cordless handset or **MEMORY** on the corded phone. MEMO# -- appears on the display of the chosen phone.

2. Within 12 seconds, press the memory location number (**1**–**0**) where you want to store a number. The number you entered appears.

    Note: To enter a number into the tenth memory location, press **0**.

3. Press **MEM** or **MEMORY** on the chosen phone again. ENTER NAME ? appears on the corded phone, and ENTER NAME appears on the cordless handset.

4. Enter the name (up to 15 characters) using the following table:

# Presses	1	2	3	4	5	6	7	8	9
1		A	D	G	J	M	P	T	W
2	-	B	E	H	K	N	Q	U	X
3	*	C	F	I	L	O	R	V	Y
4	!	(	)	$	'	;	S	?	Z

    Notes:

    - If you make a mistake, press **FLASH/DELETE** on the cordless handset or **DELETE** on the corded phone to delete a letter.

    If you are using two consecutive letters that reside in the same number key, press **FUNCTION** on the corded phone (or **#/FUNC** on the cordless handset) between the letters. For example, for "Tammy Smith," enter **8 2 6 FUNC 6 999 1 7777 6 444 8 44**.

    If you do not press any number keys (**1**–**9**) within 12 seconds, the phone exits memory number storage setup.

5. Press **MEM** or **MEMORY** on the chosen phone again. ENTER TEL NUMBR appears.

6. Dial the desired number (up to 24 digits).

    Note:

    - If you enter ✳ or # in the stored number, the corded phone's display shows **A** or **b** (respectively) instead.

    - You must press a number key within 12 seconds, or the phone exits memory number storage setup.

7. Press **MEM** or **MEMORY** on the chosen phone again to store the number. The cordless handset or the corded phone sounds two long beeps.

    Note: If you hear three short beeps, the number did not store successfully. Start again from Step 6.

8. Write down the stored name and number on the memory label provided.

Note: If the low battery warning tone sounds or LOW BATTERY appears on the cordless handset's display, recharge the battery within two minutes, or the numbers stored in memory will be lost.

Entering a Pause

In some telephone systems, you must dial an access code (**9**, for example) and wait for a second dial tone before you can dial an outside number. You can store the access code with the phone number. However, if you do, you should also store a pause after the access code to allow the outside line time to connect. After entering the access code, press **PAUSE** on the corded phone or **REDIAL/CALL BACK** on the cordless handset to enter a 2-second pause.

DIALING A NUMBER

Corded Phone

1. Press **SPEAKER** on the corded phone, or pick up the handset. ENTER NUMBER ? appears.

2. When you hear the dial tone, press **MEMORY**. SELECT MEMO 1-0 appears.

3. Enter the memory location number (**1**–**0**). The memory location number appears and the phone dials the number.

You can also dial a stored number by pressing **MEMORY**, then **REVIEW** ◀◀ or ▶▶ (to display the desired number),

then **CALL BACK**. The speaker turns on and dials the desired number.

Cordless Handset

1. Press **TALK** on the cordless handset and wait for a dial tone.

2. Press **MEM**. MEMO# -- appears.

3. Enter the memory location number (**1**–**0**). The memory location number appears and the phone dials the number.

You can also dial a stored number by pressing **MEM** then **VOL/CID** ▲ or ▼ to display the desired number, then pressing **REDIAL/CALL BACK**. The phone dials the number.

REVIEWING STORED NUMBERS

Corded Phone

Press **MEMORY**. Enter the desired memory location number (**1**–**0**), or press **REVIEW** ◀◀ or ▶▶ to scroll through the memory locations.

Cordless Handset

Press **MEM**. Enter the desired memory location number (**1**–**0**), or press **VOL/CID** ▲ or ▼ to scroll through the memory locations.

Note: If the stored number is more than 15 digits, press **FUNCTION** on the corded phone or **#/FUNC** on the cordless handset to view the remaining digits.

DELETING A STORED NUMBER

1. Press **MEMORY** on the corded phone or **MEM** on the cordless handset, then, within 12 seconds, enter the memory location number of the number.

2. Press **DELETE** on the corded phone or **FLASH/ DELETE** on the cordless handset. ERASE MEMO ? appears.

3. Within 12 seconds, press **DELETE** on the corded phone or **FLASH/DELETE** on the cordless handset again to clear the memory. Two long beeps sound to confirm the number is deleted.

MESSAGE WAITING

If you subscribe to a message waiting service with your local telephone company, the MESSAGE indicator on the corded phone flashes and MESSAGE WAITING appears for 12 seconds on the corded phone's and cordless handset's displays when you have a new message waiting. ⊠ appears on the corded phone's display. The indicator continues to flash until you listen to all of your

messages. After you listen to all of your messages, MSG WAITING OFF appears on the display briefly.

Note: When you are using the phone and there is a message waiting, MESSAGE WAITING does not appear, but the MESSAGE indicator on the corded phone flashes.

CHAIN-DIALING SERVICE NUMBERS

For quick recall of numbers for special services (such as alternate long distance or bank by phone), store each group of numbers in its own memory location.

When calling special services, dial the service's main number first. Then, at the appropriate place in the call, press **MEMORY** on the corded phone or **MEM** on the cordless handset, then the number for the location where the additional numbers are stored.

Note: If you use pulse dialing, be sure you have stored a tone entry in another memory location (see "Using Tone Services on a Pulse Line" on Page 12).

TESTING STORED EMERGENCY NUMBERS

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

☐ *Caller ID Operation*

If you subscribe to Caller ID service from your phone company, the system automatically displays information about calls you receive and stores the information in Caller ID memory. Each phone can store up to 35 number records (the most recent is 35), replacing the oldest call with each new one.

The first line of the Caller ID record shows the calling time, date and the number of calls. The second line shows the caller's phone number. The third line shows the caller's name, if available. (See "Caller ID Messages.")

When the corded phone rings, the NEW CALL indicator flashes, and **NEW** appears. The latest Caller ID record appears on both phones, and **NEW CALL #** or **REPT** remains on the display after the last incoming call.

CALL WAITING

If you subscribe to Call Waiting and a call comes in while you are on the phone, you hear a tone that indicates you have another call. The system displays the Caller ID/Call Waiting information for about 12 seconds, then stores the information.

To answer the incoming call, press **FLASH** on the corded phone or **FLASH/DELETE** on the cordless phone. **FLASH** appears. To resume the previous conversation, press **FLASH** or **FLASH/DELETE** again.

CALLER ID MESSAGES

Display	Description
NEW CALL #	Indicates the call number.
PRIVATE	The caller chose not to send information.
OUT OF AREA	The caller is not within a Caller ID service area.
END OF LIST	Appears when you reach the last call.
REPT	Appears if you have received a call from the same phone number more than once.
NO DATA	No Caller ID data sent.
ERROR	Caller's information was distorted before reaching the system.
MESSAGE WAITING	A message is waiting. (You must subscribe to your phone company's message waiting service to see this.)
MSG WAITING OFF	All new messages have been played.

Display	Description
LONG DISTANCE	Appears if your phone company sends information indicating that an incoming call is long distance. • If the call is private and long distance, the display toggles between **PRIVATE** and **LONG DISTANCE**. • If the call is out of area and long distance, the display toggles between **OUT OF AREA** and **LONG DISTANCE**. • If the caller's name is available and the call is out of area and long distance, the display toggles between the caller's name and **LONG DISTANCE**.
CALL FORWARD	The call was forwarded from a number set up to forward all calls. The display toggles between the caller's name and **CALL FORWARD**.
CALL FWD BUSY	The call was forwarded from a number set to forward a call if the line is busy. The display toggles between the caller's name and **CALL FWD BUSY**.
NEW = XX TOTAL = XX	Indicates the number of new calls and all calls. **XX** is the number of calls.

REVIEWING RECORDS

Each time you receive a call, your system stores a Caller ID record that you can review later. Each record includes:

• call number

• time and date of the call

• caller's telephone number (if available)

• caller's name (if available)

Repeatedly press **REVIEW ▶▶** on the corded phone or **VOL/CID ▲** on the cordless phone to review from the first call forward, or press **REVIEW ◀◀** on the corded phone or **VOL/CID ▼** on the cordless handset to review records from the most recent call backward.

Notes:

• The displays show the first 15 characters of the caller's name and the last 15 digits of the phone number.

- Empty Caller ID memory locations do not appear.

- When a repeat call is received, the old record will be removed from the Caller ID List and **REPT** appears.

- When the list is full, the oldest caller's information is replaced by the newest one.

DELETING RECORDS

1. *To delete a single record*, repeatedly press **REVIEW** ◀◀ or ▶▶ on the corded phone or **VOL/CID** ▲ or ▼ on the cordless handset to select the record you want to delete. Press **DELETE** on the corded phone or **FLASH/DELETE** on the cordless handset. **ERASE CALL ID ?** appears.

   To delete all records, hold down **DELETE** on the corded phone or **FLASH/DELETE** on the cordless handset for 3 seconds. **ERASE ALL ?** appears.

2. Press **DELETE** on the corded phone or **FLASH/DELETE** on the cordless handset again. Two long beeps sound upon deletion.

VIP RECORDS

You can store up to 5 VIP Caller ID records with a distinctive ring for each record in the corded phone and the cordless handset.

1. Press **REVIEW** ◀◀ or ▶▶ on the corded phone or **VOL/CID** ▲ or ▼ on the cordless handset to select the Caller ID record you want to store in the VIP record.

2. Hold down **VIP** on the corded phone or **TONE/*/VIP** on the cordless handset for 2 seconds.

   The Caller ID record is transferred to the VIP record. **VIP STORED** appears, and two long beeps sounds.

Note: When the VIP memory is full, **VIP MEMO FULL!** appears and you hear three short beeps. Delete some VIP records from memory.

Reviewing VIP Records

1. Press **VIP** on the corded phone or **TONE/*/VIP** on the cordless handset. **VIP** appears.

2. To review from the oldest VIP record, press **REVIEW** ▶▶ on the corded phone or **VOL/CID** ▲ on the cordless handset.

   To review from the latest VIP record, press **REVIEW** ◀◀ on the corded phone or **VOL/CID** ▼ on the cordless handset.

Deleting VIP Records

1. Press **VIP** on the corded phone or **TONE/*/VIP** on the cordless handset. **VIP** appears.

2. To delete a single record, repeatedly press **REVIEW** ◀◀ or ▶▶ on the corded phone or **VOL/CID** ▲ or ▼ on the cordless handset to find the desired number, then press **DELETE** on the corded phone or **FLASH/DELETE** on the cordless handset. **ERASE VIP ?** appears.

   To delete all records, hold down **DELETE** on the corded phone or **FLASH/DELETE** on the cordless handset. **ERASE ALL VIP ?** appears.

3. Press **DELETE** on the corded phone or **FLASH/DELETE** on the cordless handset again. Two long beeps sound.

DIALING A NUMBER FROM A VIP OR CALLER ID RECORD

The system cannot dial a number if the Caller ID record consists of a name only.

1. Select the desired record by reviewing the Caller ID or VIP record.

2. Repeatedly press **FUNCTION** on the corded phone or **#/FUNC** on the cordless phone until you see the desired combination of local number, area code, and/or long distance prefix (1).

   Note: If the area code is the same as the one you stored in the phone, you do not need to dial it.

3. Press **CALL BACK** on the corded phone or **REDIAL/CALL BACK** on the cordless handset. The system dials the caller's phone number.

STORING A CALLER ID/VIP RECORD IN MEMORY

1. Press **REVIEW** ◀◀ or ▶▶ on the corded phone or **VOL/CID** ▲ or ▼ on the cordless handset to find the desired caller or VIP number.

2. Press **FUNCTION** on the corded phone or **#/FUNC** on the cordless handset to store the number as specified in Step 2 of "Dialing a Number From a Caller ID or VIP Record".

3. Press **MEMORY** on the corded phone or **MEM** on the cordless handset. **SELECT MEMO 1-0?** appears.

4. Enter the memory location number. The corded phone or the cordless handset sounds two long beeps.

   Note: If the handset sounds three short beeps, the caller's number is not stored. Start over from Step 1.

☐ *Troubleshooting*

We do not expect you have any problems with your telephone, but if you do, the following suggestions might help. If you still have problems, check the other phones on the same line to see if they work properly. If they do, and the problem does not seem to be with your phone service, take the phone to your local RadioShack store for assistance.

Problem	Suggestion
The cordless handset does not work.	Move the cordless handset closer to the corded phone.
	Raise the corded phone's antenna to a vertical position.
	Ensure the phone's modular cord and the AC adapter are correctly and securely connected.
	Recharge the cordless handset's battery pack.
	Reset the security access-protection code.
Call is noisy.	Keep the cordless handset and the corded phone away from interference sources such as computers, remote control toys, wireless alarm systems, wireless intercoms and room monitors, fluorescent lights, and electrical appliances.
	If the interference is severe, turn off the interfering device.
	Move the cordless handset closer to the corded phone.
	Hang up and redial the number. Press **CH** to change the channel.
The range decreases.	Ensure the corded phone's antenna is raised and is not touching a metal surface.
	Recharge the cordless handset's battery pack.
The handset battery pack does not charge.	Check the charging contacts on the handset and base. If they are dirty, clean them with a pencil eraser.
	Be sure the battery pack is connected correctly.
	Be sure the handset is properly seated on the charging cradle.
	Replace the battery pack (see "Connecting, Charging and Replacing the Cordless Handset's Battery Pack" on Page 7).
You have an incoming call, but do not receive any Caller ID information.	Check that the phone is correctly and securely connected.
	Check with you phone company to verify that your Caller ID service is active.
Can receive calls, but cannot make calls.	Set **TONE/PULSE** correctly for the type of service you have (see "Setting the Dialing Mode" on Page 8).

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.

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. If your phone is not performing as it should, take it to your local RadioShack store for assistance. If the trouble is affecting the telephone lines, the phone company can ask you to disconnect your phone until you have resolved the problem.

FCC STATEMENT

Your telephone complies with Part 68 of *FCC Rules*. You must, upon request, provide the FCC registration number and the REN to your telephone company. Both numbers are on the bottom of the telephone's base.

Note: You must not connect your telephone to:

- coin-operated systems
- party-line systems
- most electronic key telephone systems

THE FCC WANTS YOU TO KNOW

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 telephone. 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 equipment complies with the limits for a Class B digital device as specified in Part 15 of *FCC Rules*. These limits provide reasonable protection against radio and TV interference in a residential area.

However, your equipment might cause TV or radio interference even when it is operating properly. To eliminate interference, you can try one or more of the following corrective measures:

- reorient or relocate the receiving antenna

- increase the distance between the equipment and the radio or TV

- use outlets on different electrical circuits for the equipment and the radio or TV

Consult your local RadioShack store if the problem still exists.

Warning: Changes or modifications to this phone not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

LIGHTNING

Your telephone has built-in lightning protection to reduce the risk of damage from surges in telephone line and power line current. This lightning protection meets or exceeds 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.

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