

2.4GHz Cordless Phone with Answering Machine

43-3823

10 Number Memory Dialing—stores 10 numbers in memory for easy dialing. See “Making Calls with Memory Dialing” on Page 15.

Long Battery Life—the supplied battery pack (when fully charged) provides about 7 hours of talk time or 14 days of standby time.

20 Channels—automatically selects a clear channel when you make or answer a call. You can also manually change channels during a call. See “Selecting a Different Channel” on Page 14.





Headset Jack—connects an optional headset (available at your local RadioShack store) for hands-free convenience. See “Headset Installation” on Page 32.

Toll-Saver—lets you avoid unnecessary charges when you call by long distance to check your messages. See “Setting the Ring Time” on Page 21.



! IMPORTANT !

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

 — Warning  — Important  — Caution
 — Note

OWNER'S MANUAL

Please read before using this equipment.

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(Continued)

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



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.

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 uninsulated telephone wires or terminals unless the telephone line has been disconnected at the network interface.
6. Use caution when installing or modifying telephone lines.
7. Do not affix 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, or 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 telephone's cabinet and the back or bottom are provided for ventilation. To protect the telephone 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.
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 serviceman when service or repair work is required. Opening or removing covers may expose you to dangerous voltages 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 services personnel under the following conditions:
 - When the power cord plug is damaged or frayed.
 - If liquid has been spilled into the product.

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(continued)

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**CAUTION**

TO REDUCE THE RISK OF
FIRE OR INJURY, READ
AND FOLLOW THESE
INSTRUCTIONS.



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

- If the product has been exposed to rain or water.
 - If the product does not operate normally by following the operating instructions.
18. Adjust only those controls that are covered by the operating instructions because improper adjustments of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to normal operation.
 19. If the product has been dropped or the cabinet has been damaged.
 20. If the product exhibits a distinct change in performance.
 21. Avoid using a telephone (other than a cordless type) during an electrical storm. There may be a remote risk of electric shock from lightning.
 22. Do not use the telephone to report a gas leak while in the vicinity of the leak.

BATTERY SAFETY INSTRUCTIONS

- Use only the appropriate type and size battery pack specified in the instruction manual provided for this product.
- Do not dispose of the battery pack in a fire. The cell may explode. Check with local codes for possible special disposal instructions.
- 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.
- 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.

- Charge the battery pack provided with or identified for use with this product only in accordance with the instructions and limitations specified in the instruction manual provided for this product.
- Observe proper polarity orientation between the battery pack and battery charger.

SAVE THESE INSTRUCTIONS

INTRODUCTION

Thank you for purchasing a RadioShack 2.4 GHz Cordless Telephone. Your telephone provides excellent clarity and range and a digital answering system into one space-saving device. The 2.4 GHz band provides superior audio quality and extended range.

The digital answering system provides clear reliable messaging with call screening, day/time stamp, call counter, remote access and instant skip or replay messaging. !

READ THIS BEFORE INSTALLATION

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

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

! IMPORTANT !

Cordless phones such as this one require AC power to operate. When the AC power is off, you cannot dial out or receive incoming calls using your phone. To be safe, 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.

When AC power is lost, the phone loses the security access-protection code connection between the base and the handset. When power is restored, put the handset on the base briefly to restore this connection.

The digital answering system stores up to 13 minutes of messages on a computer chip and records each message's day and time. This gives you advanced capabilities over tape-based answering machines:

- You can delete individual messages and save the rest.
- There are no tapes to bother with and no tape mechanisms to wear out.

The remote operation feature lets you operate your answering system from a touch-tone phone (or from a rotary phone with a pocket tone dialer).

INSTALLATION

MOUNTING THE PHONE

You can place the phone on a desk or table, mount it on a standard wall plate, or directly on a wall.

Choose a location that is:

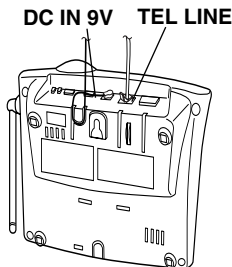
- near an AC outlet
- near a modular telephone line jack
- out of the way of normal activities
- away from electrical machinery, electrical appliances, metal walls or filing cabinets, wireless intercoms, alarms, and room monitors
- away from other cordless phones

You can try different locations to see which provides the best performance. ⚡

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 online at RadioShack.com), 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 USOC number of the jack to be installed is RJ11C (RJ11W for a wall plate).

On a Desk Top

1. Plug one end of the supplied long modular cord into the **TEL LINE** jack on the base's back.
2. Plug the modular cord's other end into a modular telephone line jack.



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.

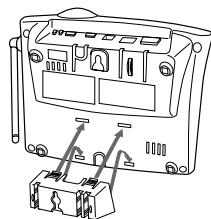
- Always connect the AC adapter to the phone before you connect it to AC power. When you finish, disconnect the adapter from AC power before you disconnect it from the phone.

3. Insert the supplied AC adapter's barrel plug into the **DC IN 9V** jack on the back.
4. Route the adapter's cord through the strain relief slot on the base's bottom.
5. Plug the adapter into a standard AC outlet.
6. Lift the base's antenna to a vertical position.

On a Wall Plate or Wall

To mount the phone directly on a wall, you need two screws (not supplied) with heads that fit into the keyhole slots on the base. Drill two holes $3^{15}/16$ inches apart. Thread a screw into each hole, letting the heads extend about $1/8$ inch.

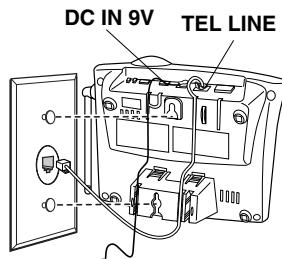
1. Insert the two tabs at the top of the narrow end of the supplied bracket into the base's upper tab slots, then press down on the bracket's latches and insert them into the lower slots.



2. Plug one end of the supplied modular cord (short for a wall plate, long for direct wall mounting) into the **TEL LINE** jack on the base's back.

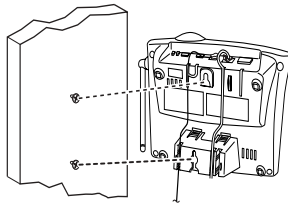
3. Insert the supplied AC adapter's barrel plug into the **DC IN 9V** jack.

4. Route the adapter and modular cords through the base's grooves.

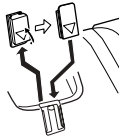


5. For a wall plate, plug the modular cord's other end into the wall plate jack, then align the base's keyhole slots with the wall plate studs and slide the base downward to secure it.

For direct wall mounting, align the base's keyhole slots with the mounting screws and slide the base downward to secure it.



6. Plug the adapter into a standard AC outlet.
7. Press and lift out the handset holder, flip it over as shown, then snap it back into place so it holds the handset.
8. Lift the base's antenna to a vertical position.



CONNECTING, CHARGING AND REPLACING THE BATTERY PACK

The phone comes with a rechargeable Ni-Cd (nickel-cadmium) battery pack installed in the handset, but not connected. Before using your phone, you must connect the battery pack, then charge it for about 24 hours.

1. Press down and slide off the battery pack compartment cover.
2. Lift the battery pack out of the compartment.

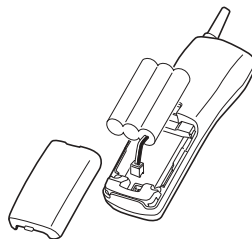
! IMPORTANT !

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

NOTE

- If the phone does not work, recharge the battery pack. (The battery power might be too low for the display to operate.)
- If the battery pack becomes weak during a call, the handset beeps and **TALK/BATT LOW** LED flashes. When this happens, you cannot make a call on the phone until you recharge the battery pack.
- If the battery pack is completely discharged or the base loses power while the handset is away from it, place the handset on the base to change the security access-protection code. If it was the handset that lost power, recharge the battery pack.

3. Plug the battery pack's connector into the socket in the compartment. The connector fits only one way.
4. Put the battery pack in the compartment.
5. Replace the cover.



To charge the battery pack, place the handset on the base, face up or down. The base's **CHARGE/IN USE** indicator lights. **!**

Recharge the battery pack when **TALK/BATT LOW** LED flashes. ✓

When you first use the phone after charging or recharging the battery pack, the phone might not work and you might hear error beeps. If this happens, while holding **find hs**, place the handset to the base for about 5 seconds to change the security access-protection code.

Using a pencil eraser, clean the charging contacts on the handset and the base about once a month.

About once a month, fully discharge the battery pack by keeping the handset off the base until **TALK/BATT LOW** LED flashes. Otherwise, the battery pack loses its ability to fully recharge.

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 new 3.6V, 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 (or online at RadioShack.com). Install the new battery pack and charge it for about 24 hours. ⚠

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

Recycling Ni-Cd Batteries.

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.



CHOOSING THE DIALING MODE

Most phone systems use tone dialing which sends standard 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:

WARNING

Dispose of the old battery pack promptly and properly. Do not burn or bury it (see "Battery Safety Instructions" on Page 4 for additional information on proper battery handling).

NOTE

- If you are not sure of your dialing system, make a trial call. If the call connects, leave the setting as is, otherwise set for pulse dialing.
- If your phone system requires pulse dialing and you need to send the standard tones for certain situations during a call, you may "switch-over" to tone dialing (refer to "Tone Dialing Switch-over" on page 13).

1. Press and hold the **FLASH** until you hear a confirmation tone.
2. To set the dial mode for pulse dialing, press #.

Or to set the dial mode for tone dialing, press ***/tone**.

You hear a confirmation tone to indicate the setting is complete.

OPERATION

MAKING AND RECEIVING CALLS

Even when you turn off the base's ringer, you can still make or receive calls using this phone.

Telephones on the same line and the handset (if its ringer is not turned off) still ring when there is an incoming call.

Action	Handset On Base	Handset Off Base
To receive a call	Pick up the handset (Auto Talk).	Press talk/FLASH , any number, */tone or #.
To make a call	<ol style="list-style-type: none"> 1) Pick up the handset. 2) Press talk. The TALK/BATT LOW LED flashes and turns on. 3) Listen for the dial tone. 4) Dial the number. 	<ol style="list-style-type: none"> 1) Press talk. The TALK/BATT LOW LED flashes and turns on. 2) Listen for the dial tone. 3) Dial the number.
To hang up	Press end or return the handset to the base (Auto Standby).	
To redial	<ol style="list-style-type: none"> 1) Pick up the handset. 2) Press talk. 3) Listen for the dial tone. 4) Press REDIAL/PAUSE. 	<ol style="list-style-type: none"> 1) Press talk. 2) Listen for the dial tone. 3) Press REDIAL/PAUSE.

ADJUSTING THE HANDSET RINGER AND EARPIECE VOLUME

Handset Ringer Tone

When the phone is in standby mode, press **VOL/RING** repeatedly to listen to the two ringer tone options.

Earpiece Volume

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

Temporarily Mute Ringer

If the handset is off the base, simply press **end** to temporarily mute the incoming ring. The ringer will sound with the next incoming call.

REDIAL

The **REDIAL/PAUSE** key redials the last number dialed. The redialed number can be up to 24 digits long.

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

☑ NOTE ☑

- 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 (See page 15).

 **NOTE** **Page**

Paging is also canceled when the phone receives an incoming call.

Flash and Call Waiting

You must subscribe through your local telephone company to receive Call Waiting Service.

TRAVELING OUT-OF-RANGE


During a call, as you begin to move your handset too far from your base unit, your call will terminate within 1 minutes.

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.


Press **CHANNEL**. The **TALK/BATT LOW** LED flashes, indicating the phone is changing to another channel.

PAGE

To locate the handset (while it's off the base), press **find hs** on the base. The handset beeps for 60 seconds. 

Paging is canceled when pressing any handset key, **find hs** on the base or the handset is returned to the base.

FLASH AND CALL WAITING

If you have "Call Waiting" service and a call waiting tone sounds while you are on a call, press **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 **FLASH** again. 

MEMORY DIALING

STORING PHONE NUMBERS IN MEMORY

Memory Dialing allows you to dial a number using just a few key presses. Your phone stores up to 10 numbers in the handset. ☑

1. When the phone is in the stand-by mode, press **MEM**. The **TALK/BATT LOW** LED flashes.
2. Enter the phone number, up to 20 digits. If a pause is needed during the dialing sequence, press **REDIAL/PAUSE** to insert a pause. Each pause counts as a digit and represents a two second delay in time between digits as they are sent.
3. Press **MEM** again.
4. Enter the memory location (0 - 9) on the keypad. A tone indicates that the number is stored. If you enter a number in a location that has a previously stored number it will overwrite the existing number without warning.

MAKING CALLS WITH MEMORY DIALING

1. Press **talk**, then press **MEM**. ☑
2. Enter the memory location (0 - 9) on the keypad. The stored number is automatically dialed. ☑

CHAIN DIALING

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



Storing Phone Numbers in Memory

- In memory dialing operation, you must press a key within 30 seconds. Otherwise, an error tone will sound and the phone will return to standby. If you return the handset to the base, the phone will also return to standby.
- The pause feature is useful for long distance calling, credit card dialing, or sequences that require a pause between digits.
- The pause key counts as one digit. Pressing **REDIAL/PAUSE** more than once increases the length of pause between numbers.

Making Calls With Memory Dialing

- To exit the memory function without dialing, press **end**. The handset returns to standby.
- If you select a memory location that does not have a stored number, an error tone sounds and the phone will not dial.

An example of this is a bank account number. Once you have called your bank, and are prompted to enter the account number, press **MEM** and the location number where the special number has been stored.

Store your special number in memory as you would store a phone number. (See “Storing Phone Numbers in Memory” on Page 15.)

ERASING A STORED NUMBER FROM MEMORY

1. Press **MEM** twice.
2. Press the memory location (0-9). You hear a confirmation tone and the stored number is erased from memory.

Testing Stored Emergency Numbers

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

ONE-TOUCH SPEED DIAL

You can store your most frequently dialed number in the One-touch Speed Dial location. The One-touch Speed Dial allows you to dial a number with one key press. (There is no need to press **talk**. The phone will automatically dial the number stored.)

STORING THE SPEED DIAL

1. When the phone is in the standby mode, press **MEM**. The **TALK/BATT LOW** LED flashes.
2. Enter the phone number, up to 20 digits.
3. Press **MEM** again.

NOTE

Number stored in Speed Dial is independent from the numbers stored in Memory Dial.

4. To actually store a number, press **SPEED DIAL**. A tone indicates that the number is stored. If there is a number already stored, the new number will be overwritten without warning.

MAKING CALLS WITH THE SPEED DIAL

When the phone is in the standby mode, simply press **SPEED DIAL**. The number stored in the Speed Dial memory location is instantly dialed. ☞

DELETING THE SPEED DIAL

1. Press **MEM** twice.
2. Press **SPEED DIAL**. You hear a confirmation tone and the stored number is erased.

THE INTEGRATED ANSWERING DEVICE

The phone has a built-in answering system that answers and records incoming calls. You can also use your answering system to record a conversation, leave a voice memo message, or to announce a special outgoing message to callers when you're away from your phone.



If the Speed Dial does not have a stored number, the handset will beep rapidly and the phone will not dial.

FEATURES

- Digital Tapeless Recording
- 13 minutes of Recording Time
- Call Screening
- Selectable Outgoing Messages
- Voice Prompts for Guidance
- Time and Day Announcement
- Remote Message Retrieval
- Toll Saver
- Conversation Recording
- Voice Memo

(Bi-lingual Announcement Option)

Digital Tapeless Recording allows you to quickly review, save, or delete the messages you choose. You will never have to worry about a tape wearing out, jamming, or resetting improperly.

The Integrated Answering System is easy and convenient to use, but **please read** through all of the instructions carefully.

TURNING THE ANSWERING SYSTEM ON/OFF

1. To turn the answering system on, press **ANSWER**.

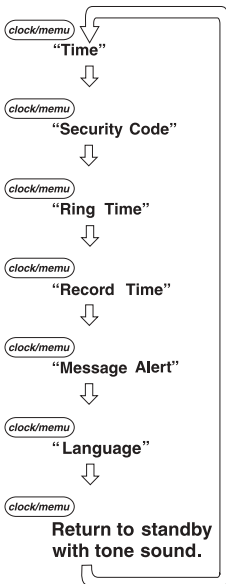
“Answering system is on” and the current greeting message will be played and you will hear a confirmation tone. The message counter displays the number of messages stored in memory. If the display flashes, then there are new messages waiting for you.

- To turn the answering system off, press **ANSWER** again. After the announcement "Answering system is off" the message counter display will no longer be illuminated.

SETTING UP YOUR ANSWERING SYSTEM

Using the Menu Mode

The Menu mode allows you to set the following Answering System functions. ↵



- To scroll through the menu options, repeatedly press **clock/memo**. The system returns to standby after the last menu option. You hear a confirmation tone to indicate standby mode.
- If any of the following occurs during menu setup, the operation is canceled. Start over with the menu function prior to the interruption.
 - Press **talk**
 - Press **▷/◁**
 - 10 second lapse of time
 - Receive a call

- The idle time default setting is 10 seconds. If the base remains idle for 10 seconds, an error tone sounds and the system returns to standby.


NOTE

- For your convenience, voice prompts will guide you through the menu mode.
- After the setting, press **▷/◁** to exit the menu mode, or **clock/memo** to move to the next menu option. Or the system automatically returns to standby in 10 seconds after the setting.
- You have 5 seconds of idle time just after the first and last guidance of each menu setting.

 **NOTE** 

- Normally the idle time for the menu mode is 10 seconds before the system returns to standby. However for setting the time, the idle time is extended to two minutes.
- Press and hold **SELECT/VOLUME/▲** or **SELECT/VOLUME/▼** to quickly scroll through the numbers on the display.

Setting the Time

The clock on the answering system starts when power is supplied to the base. Follow these steps to set the clock to the correct time. 


1. Press **clock/menu**.

The system announces “Time”, the current time and the guidance for setting the time.

2. Press **SELECT/VOLUME/▲** or **SELECT/VOLUME/▼** until the correct day is announced. The numbers [1] through [7] are displayed on the base.
3. Press **set** to select the day.
4. Press **SELECT/VOLUME/▲** or **SELECT/VOLUME/▼** until you hear the correct hour setting. The numbers [1] through [12] are displayed on the base as each hour is announced.
5. Press **set** to select the hour.
6. Press **SELECT/VOLUME/▲** or **SELECT/VOLUME/▼** until you hear the correct minute setting. The numbers [00] through [59] are displayed on the base as each minute is announced.
7. Press **set** to select the minute.
8. Press **SELECT/VOLUME/▲** or **SELECT/VOLUME/▼** until you hear the correct AM or PM setting. The message counter displays [A] or [P].
9. Press **set** to select the AM/PM setting.

You hear a confirmation tone, then the announcement “Time” and the time and day are announced for your review. After a few seconds, the system announces “To set security code, press menu again”.

Setting a Personal Security Code (PIN)

To play your messages from a remote location, you need to enter a two-digit Personal Identification Number (PIN) code (01-99). To select a PIN, perform the following steps: 

1. Press **clock/menu** twice in standby mode.
 “Security code” and the current PIN code is announced as it is displayed on the base.
 Then the system announces the guidance for setting the PIN code.
2. Press **SELECT/VOLUME/▲** or **SELECT/VOLUME/▼** until the desired number appears.
3. Press **set** to select the PIN code. You hear a confirmation tone, then the announcement “Security code” and the new PIN code is announced. After a few seconds, the system announces “To set ring time, press menu again”.

Setting the Ring Time

The ring time setting allows you to set the number of rings the caller hears before your answering system plays the outgoing message. You can set the ring time to answer after two, four, or six rings. Set to **£5** (Toll Saver) so the answering system picks up after two rings if you have new messages, and after four rings if there are none. This way, if you make a long distance call to check your messages, you can hang up after the second ring to avoid billing charges.

1. Press **clock/menu** three times in standby mode.
 You hear “Ring time” and the current ring time ([2] 2, [4] 4, [6] 6, [£5] Toll saver), and it is displayed on the base. Then you hear the guidance for setting the ring time.



NOTE

The PIN code is set to “80” when you purchase your phone.

2. Press **SELECT/VOLUME/▲** or **SELECT/VOLUME/▼** until the desired ring time appears.
3. Press **set** to select the new ring time. You hear a confirmation tone, then the announcement “Ring time” and the new ring time is announced. After a few seconds, the system announces “To set record time, press menu again”.

Selecting the message Record Time

You have three record time options. The options “1 minute” or “4 minutes” set the duration for recording the incoming messages. “**Announce only**” answers the call with the preset greeting or your personal greeting but prevents the caller from leaving a message.

1. Press **clock/menu** four times in standby mode.

You hear “Record time” and the current recording time ([*!*] 1 minute, [*4*] 4 minutes, [*R*] Announce only, No recording), and it is displayed on the base. Then you hear the guidance for setting the record time.

2. Press **SELECT/VOLUME/▲** or **SELECT/VOLUME/▼** until the desired time appears.
3. Press **set** to select the new recording time. You hear a confirmation tone, then the announcement “Record time” and new recording time is announced. After a few seconds, the system announces “To set message alert, press menu again”.

▼ **Announce only feature**

The announce only feature plays a prerecorded outgoing message “Hello, no one is available to take your call. Please call again.”, and it will not allow the caller to leave a message. To set “Announce only”, follow the steps above. The

outgoing message automatically switches to announce only message.

To scroll between the prerecorded message or your own personal greeting, press **greeting** when the outgoing message is played. If you want to use your own greeting, or want to change your greeting to omit the prompt “to leave a message”, refer to “Recording a personal outgoing message” (Greeting) on page 25.

Setting the Message Alert tone

Message Alert feature lets you know you have new messages by sounding a short beeping tone. If you set the Message Alert to On and when a new message is received, the alert tone will sound every 15 seconds.

1. Press **clock/menu** five times in standby mode.

You hear “Message alert” and the current setting ([**Off**] Off or [**On**] On), and it is displayed on the base. Then you hear the guidance for setting the message alert.

2. Press **SELECT/VOLUME/▲** or **SELECT/VOLUME/▼** to select [**Off**] or [**On**].
3. Press **set** to select the new setting. You hear a confirmation tone, then the announcement “Message Alert” and the current setting you have selected is announced. After a few seconds, the system announces “To set language, press menu again”. When the first new message is received, the beeping tone will begin to sound.

Turning the Message Alert tone Off by pressing any key.

1. To quickly turn Message Alert tone off, **press any key** on the base unit and the tone will

automatically deactivate. To reset, go back into the menu setup mode (steps 1 - 3 on page 23).

Turning Message Alert tone Off when you're away from your phone.

1. When all **new messages** are played back using the remote playback feature (see page 30) the Message Alert tone will automatically deactivate. The tone will not deactivate until all messages are played back.

Selecting the Language

The answering system voice announcements can be heard in English or French.

To choose the language of the answering system voice announcements:

1. Press **clock/menu** six times in standby mode.

You hear the announcement "Language, English" followed by the guidance for setting the language. The current setting (*E* or *F*) appears on the base.

2. Press **SELECT/VOLUME/▲** or **SELECT/VOLUME/▼** to select the desired language.
3. Press **set**. A confirmation tone is heard along with the setting in the language selected.

Setting Your Outgoing Message (Greeting)

When you receive a call, the answering system automatically plays either a preset message or your own greeting.

▼ Preset message

The following message is prerecorded:

“Hello, no one is available to take your call. Please leave a message after the tone.”

▼ Recording a personal outgoing message (Greeting)

1. Press and hold **greeting**.

You hear the announcement “Record Greeting” and a confirmation tone. [--] flashes on the message counter.

2. Start recording your message. You have 30 seconds, and the message counter starts to count down [30] to [:] every second.
3. When you are finished recording your greeting, press **greeting**, **▷** or **set**. You hear a confirmation tone, and then your greeting plays back for you.

▼ Choosing between the two outgoing messages

Press **greeting**. Then press **greeting** again when the outgoing message is played. This switches between the prerecorded greeting or the personal greeting. After finishing playing back the message, a confirmation tone is heard.

NOTE

- You can record a greeting up to 30 seconds long.
- Position yourself as near to the base as possible and speak clearly when recording your outgoing message.
- See “Selecting the message Record Time”, page 22 how to set the announce only feature.
- To delete the personal Greeting, press **DELETE** during the announcement and the system announces “Greeting has been deleted”.

**NOTE****Setting the base ringer volume**

When you have set the base ringer to off and the handset is on the base, you will still hear the ringer from the handset.

Adjusting the speaker volume level

When you press **SELECT/VOLUME/▲** at 9 or **SELECT/VOLUME/▼** at 0, an error tone sounds.

Setting the base ringer volume

You have three ringer options. One allows you to turn the ringer off. The other two are volume levels.

1. Press **ringer**.

You hear the ringer at the current volume level ([**H**] High, [**L**] Low, [**OFF**] off) (if you set the base ringer volume to off, "Ringer off" is announced) and it is displayed on the base.

2. Press **ringer** until the desired ringer option appears.

3. The system displayed new ringer volume.

Temporarily Mute the Base Ringer

Press **Ⓜ** to temporarily mute the incoming ring. The ringer will sound with the next incoming call.

Adjusting the speaker volume level

You can adjust the volume of the base speaker by pressing **SELECT/VOLUME/▲** or **SELECT/VOLUME/▼** on the base. Press **SELECT/VOLUME/▲** for louder or **SELECT/VOLUME/▼** for softer during the base speaker is being used except for menu mode.



The numbers **0-9** are displayed on the base indicating the volume levels. **0** being the softest and **9** being the loudest.

USING YOUR ANSWERING SYSTEM

The message counter displays the number of messages stored in memory. If the display flashes, then there are new messages waiting for you. The flashing number represents the number of new messages, not total messages. This phone is designed to play your new messages first. After you play all your new messages, you can then play your old messages. ☑

Playing your messages

1. Press \triangleright/\square .

The system announces the number of new and old messages. The LED displays the number of new messages, and the number flashes. The day and time that each message was received are announced after the message is played. The message counter displays the number of current messages stored.

When all new messages have been played, you hear a confirmation tone and an announcement "End of messages". The system returns to standby.

2. After you have reviewed your new messages, you can play your old messages by again pressing \triangleright/\square . Once you have listened to a new message, it becomes an old message. The old messages will be played in the order in which they were received.

Repeating a message

1. Press \triangleright/\square to review your messages. The number of stored messages are announced.
2. After a message has played for a few seconds, press \lll to replay the message. If you have several messages, press \lll repeatedly until you return to the message you want to replay.

NOTE

- When the answering system is full, [FL] is displayed on the base, and the system announces "No remaining time". You should delete some messages so that the system can record new messages. (Refer to "Deleting a message" on page 28.)
- To stop playing your messages, press \triangleright/\square again at any time.

3. Press **⏮** at any time to stop reviewing messages and return to standby. The message counter shows the number of messages stored in memory.

*To quickly scroll backwards through a message, press and hold **⏮**.*

Skipping a message

1. Press **⏮** to review your messages. The number of messages is announced.
2. Press **⏭** at anytime to skip to the next message.


Each time **⏭** is pressed, the system scans forward one message. If you have several messages, press **⏭** repeatedly to find the message you want to play.

3. Press **⏮** at any time to stop reviewing your messages and return to standby. The message counter shows the number of messages stored in memory.

*To quickly scroll forward through a message, press and hold **⏭**.*

Deleting a message

To maintain maximum record time, delete the old messages.

1. Press **⏮** to review your messages.
2. Press **DELETE** anytime during the message to delete. 
3. You hear a confirmation tone and the message is deleted.

NOTE

When you press **DELETE**, you are permanently deleting the message. Once deleted, the message cannot be replayed.

You can also delete all the messages.

1. Press **DELETE** in standby mode.


You hear an announcement "To delete all messages, press delete again".

2. Press **DELETE** again.

You hear a confirmation tone and \emptyset is displayed on the base. All the messages are deleted.

When you try to delete all messages without first listening to your new messages, you hear several short beeps followed by an announcement "Please playback all messages". This protects you from accidentally erasing messages you have not yet reviewed.

Voice memo


The voice memo function allows the user to record messages (up to 4 minutes). 

1. Press and hold **memo rec.**

You hear an announcement "Record memo message" and a tone. [--] flashes on the message counter.

2. Start your recording.
3. When you have finished, press \triangleright/\square , **memo rec** or **set** to stop recording. You hear a confirmation tone and the system returns to standby.

Recording a conversation

You can record up to 10 minutes of conversation while you are using your phone. ! 

1. During a conversation from the handset, press and hold **memo rec.** The unit begins recording and [--] flashes on the message counter.

A beep that can be heard by both parties, sounds during recording.

NOTE

- The voice memo function is completely independent of the greeting message.
- The voice memo messages are recorded as incoming messages.

! IMPORTANT !

Every state has different regulations governing the recording of conversations over the telephone. Be sure to check your local, state and federal laws before using this product to record any telephone conversation in order to determine that your use is in compliance with such laws or guidelines.

NOTE


- A recorded conversation is treated as a typical message and will be added to the stored messages.
- When recording a conversation, all dialing features except for flash operation (see page 14) are disabled. Stop recording if you need to enable any other handset keys.
- If you receive a call waiting tone while recording a conversation, press **FLASH** to accept the waiting call. The recording feature continues recording the new call. The original call is put on hold.


 **NOTE** 

- The system will only playback messages for four minutes and then it returns to command waiting mode. To continue playing your messages, press **0** then **2** again within 15 seconds.
- You must enter a command within 15 seconds of entering command waiting mode or the answering system automatically hangs up and returns to standby.

2. To stop recording, press **▷□** or **memo rec.** You hear a confirmation tone.

Remote access away from home

You can operate your answering system from a remote location using any touch-tone telephone. Use this function to check for recorded messages, to play or delete messages, even to record a new greeting message. 

1. Call your telephone number.
2. During the greeting message, press **0** and enter your PIN code. (See “Setting a Personal Security Code”, page 21).
3. The answering system announces the current time and the number of messages stored in memory. Then you hear “To play incoming messages, press **02**. For help, press **10**”.
4. You may continue to listen to the Help Guidance, or you may select a command from the following chart. 

Command	Function
0 then 1	Repeat a Message
0 then 2	Playing Incoming Messages
0 then 3	Skipping a Message
0 then 4	Deleting a Message
0 then 5	Stop Operation
0 then 6	Answering System On
0 then 7	Memo Record/Stop*
0 then 8	Greeting Message Record/Stop*
0 then 9	Answer System Off
1 then 0	Help Guidance

*For Memo Record and Greeting Message Record function, the first time you enter the corresponding command, it starts the Recording function. If you want to stop the recording, enter the command again.

5. After all of the Help Guidance prompts have played, you hear intermittent beeps indicating that the system is in the command waiting mode. You may enter another command at this time from the chart.
6. When you are finished, hang up to exit the system. The answering system automatically returns to standby.

Turn on the answering system remotely

If you have forgotten to turn on your answering system, you can turn it on remotely from any touch-tone telephone.

1. Call your telephone number.
2. Wait ten rings until the system answers. You hear a beep.
3. Press **0** and then enter your PIN code. The answering system announces the current time and the number of messages stored in memory. You hear "To play incoming messages, press **02**. For help, press **10**".
4. Press **0** then **6** to turn the answering system On. You hear the outgoing message and a confirmation tone.
5. Hang up the phone and subsequent calls will be answered by the system.

ADDITIONAL INFORMATION

INSTALLING THE OPTIONAL BELTCLIP

To attach the beltclip

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

To remove the beltclip

Pull both sides of the beltclip to release the tabs from the holes.

HEADSET INSTALLATION

You can connect an optional headset with a $\frac{3}{32}$ -inch (2.5-mm) plug. Contact RadioShack for a suitable headset.

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

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 .

Problem	Solution
The CHARGE/IN USE LED won't illuminate when the handset is placed on the base.	Make sure the AC adapter is plugged into the base and wall outlet.
	Make sure the handset is properly seated on the base.
	Make sure the charging contacts on the handset and base are clean.
The audio sounds weak and/or scratchy.	Make sure that the base antenna is in a vertical position.
	Move the handset and/or base to a different location away from metal objects or appliances and try again.
	Press CHANNEL in the Talk mode to help eliminate background noise.
	Make sure that the handset is not too far from the base.
Can't make or receive calls.	Check both ends of the telephone line cord.
	Make sure the AC adapter is plugged into the base and wall outlet.
	Disconnect the AC adapter for a few minutes, then reconnect it
	Make sure that the handset is not too far from the base.
The handset doesn't ring or receive a page.	The battery pack may be weak. Charge the battery for 24 hours.
	The handset may be too far from the base unit.
	Place the base unit away from appliances or metal objects.
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 answering system does not work.	Make sure the base unit is plugged in.
	Make sure the answering system is turned on.
Cannot record any messages.	Set the record time to either the one minute or four minute option.
	The memory may be full. Delete some or all of the saved messages.

Problem	Solution
Messages are incomplete.	The incoming messages may be too long. Remind callers to leave a brief message.
	The memory may be full. Delete some or all of the saved messages.
After a power failure, the outgoing message is deleted.	Record your personal outgoing message again. The default message should remain.
No sound on the base unit speaker during call monitoring or message playback.	Adjust the speaker volume on the base unit.
Cannot access remote call-in features from another touch-tone phone.	Make sure you're using the correct PIN code.
	Make sure that the touch-tone phone you're using can transmit the tone for at least two seconds. If it cannot, you may have to use another phone to access your messages.

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

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.

IMPORTANT INFORMATION

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

FCC STATEMENT

Your telephone complies 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. 

NOTE

You must not connect your telephone to:

- coin-operated systems
- most electronic key phone systems


 **NOTE** 

Some cordless telephones operate on frequencies that might cause interference to nearby TVs and VCRs. To minimize or prevent such interference, the base of the cordless telephone should not be placed near or on top of a TV or VCR.

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 PROTECTION

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

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

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Limited One-Year Warranty

This product is warranted by RadioShack against manufacturing defects in material and workmanship under normal use for one (1) year from the date of purchase from RadioShack company-owned stores and authorized RadioShack franchisees and dealers. EXCEPT AS PROVIDED HEREIN, RadioShack MAKES NO EXPRESS WARRANTIES AND ANY IMPLIED WARRANTIES, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE DURATION OF THE WRITTEN LIMITED WARRANTIES CONTAINED HEREIN. EXCEPT AS PROVIDED HEREIN, RadioShack SHALL HAVE NO LIABILITY OR RESPONSIBILITY TO CUSTOMER OR ANY OTHER PERSON OR ENTITY WITH RESPECT TO ANY LIABILITY, LOSS OR DAMAGE CAUSED DIRECTLY OR INDIRECTLY BY USE OR PERFORMANCE OF THE PRODUCT OR ARISING OUT OF ANY BREACH OF THIS WARRANTY, INCLUDING, BUT NOT LIMITED TO, ANY DAMAGES RESULTING FROM INCONVENIENCE, LOSS OF TIME, DATA, PROPERTY, REVENUE, OR PROFIT OR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, EVEN IF RadioShack HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

In the event of a product defect during the warranty period, take the product and the RadioShack sales receipt as proof of purchase date to any RadioShack store. RadioShack will, at its option, unless otherwise provided by law: (a) correct the defect by product repair without charge for parts and labor; (b) replace the product with one of the same or similar design; or (c) refund the purchase price. All replaced parts and products, and products on which a refund is made, become the property of RadioShack. New or reconditioned parts and products may be used in the performance of warranty service. Repaired or replaced parts and products are warranted for the remainder of the original warranty period. You will be charged for repair or replacement of the product made after the expiration of the warranty period.

This warranty does not cover: (a) damage or failure caused by or attributable to acts of God, abuse, accident, misuse, improper or abnormal usage, failure to follow instructions, improper installation or maintenance, alteration, lightning or other incidence of excess voltage or current; (b) any repairs other than those provided by a RadioShack Authorized Service Facility; (c) consumables such as fuses or batteries; (d) cosmetic damage; (e) transportation, shipping or insurance costs; or (f) costs of product removal, installation, set-up service adjustment or reinstallation.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

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