

900 MHz Headset Phone

43-3522/3523

OWNER'S MANUAL — Please read before using this equipment.

Thank you for shopping at RadioShack. Your 900MHz Headset Phone gives you communication with both portability and convenience. It comes in two parts, a headset and a base.

The phone's headset connects to a cordless remote keypad, so you can make calls away from its base. The headset lets you keep your hands free to do other things. The base's space saving, upright design makes it perfect for areas where space is limited.

Your phone includes:

Advanced Super CCT Circuitry — provides sound clarity comparable to that of a corded phone.

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

10-Number Memory Dialing — lets you store ten numbers in memory for easy dialing.

10-Channel Auto Scan — automatically selects a clear channel when you pick up the phone. You can also manually switch to another channel.

Redial — lets you easily redial the last number dialed.

Mute — prevents the person on the other end of the phone line from hearing you as you talk to someone else in the room.

Flash — sends an electronic switchhook signal for use with special phone services such as Call Waiting.

Touch-Tone or Pulse Dialing — lets you use your phone with either type of service.

Belt Clip — lets you carry the phone's remote keypad on your belt for easy portability.

Hearing-Aid Compatibility — lets you use your phone with hearing aids that have a T (telephone) switch.

Cord Clip — lets you position the headset cord.

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 telephone. 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

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receive calls if there is an AC power failure.

Note: Your phone operates on standard radio frequencies as allocated by the FCC. It is possible for other radio units operating nearby on similar frequencies to unintentionally intercept your conversation or cause interference. This possible lack of privacy can occur with any cordless phone.

FCC STATEMENT

Your headset phone 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 phone's base.

Note: You must not connect your telephone to:

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

We have designed your headset phone to conform to federal regulations, and you can connect it to most telephone lines. However, each headset phone (and each additional

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 bottom of your phone'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.

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.

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 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 WARNING: To reduce the risk of fire or shock hazard, do not expose this product to rain or moisture.		The exclamation mark symbol is intended to inform you that important operating and maintenance instructions are included in the literature accompanying this product.
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This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the *FCC Rules*. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult your local RadioShack store or an experienced radio/TV technician for help.
- If you cannot eliminate the interference, the FCC requires

that you stop using your headset phone.

Changes or modifications not expressly approved by RadioShack may cause interference and void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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

LIGHTNING

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.

INSTALLATION

Selecting a Location

You can place the phone on a desktop, shelf, or table. 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 base's location affects the phone's range. If you have a choice of several locations, try each 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 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).

Using AC Power

Power the headset telephone using the supplied 12V, 200mA AC/DC adapter.

Cautions:



You must use a Class 2 power source that supplies 12V DC and delivers at least 200mA. Its plug must fit the telephone's **DC 12V 200mA** jack. The supplied adapter meets these specifications. Using an adapter that does not meet these specifications could damage the telephone or the adapter.

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

Follow these steps to connect the adapter to the telephone.

1. Plug the supplied AC adapter's barrel plug into the **DC 12V 200mA** jack on the back of the base.
2. Plug the adapter into a standard AC outlet.

Connecting the Phone

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

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

Plug the supplied AC adapter's barrel plug into the **DC 12V 200mA** jack on the back of the base.

Plug the adapter into a standard AC outlet.

Connecting, Charging, And Replacing The Battery Pack

The phone comes with a rechargeable nickel-cadmium battery pack. You must connect the battery pack and charge it for at least 15 hours before you use the phone for the first time.

1. Use a Phillips screwdriver to remove the screw on the battery compartment cover, then remove the cover.
2. Plug the battery pack's connector into the socket in the compartment (the connector fits only one way).
3. Replace the cover and secure it with the screw.

To charge the battery pack, place the remote keypad on the base. The **IN USE/CHARGE** indicator.

Notes:

- Recharge the battery pack when the **TALK/LOW BATT** indicator lights.
- When you first use the phone after charging or recharging the battery

pack, the phone might not work. Return the remote keypad to the base for about 5 seconds to reset the security access-protection code.

- About once a month, fully discharge the battery pack by keeping the remote keypad off the base until the **TALK/LOW BATT** indicator lights. Otherwise, the battery pack loses its ability to fully recharge.
- If the **IN USE/CHARGE** indicator does not light when you place the remote keypad on the base, be sure the AC adapter is correctly and securely connected. Also, check the charging contacts on the remote keypad and the base. If the contacts are dirty or tarnished, clean them with a pencil eraser.
- When the remote keypad is on the base, the **IN USE/CHARGE** indicator lights even when the battery pack is not connected. If your phone does not work, be sure the battery pack is properly connected.
- If the battery pack becomes completely discharged or the base loses power while the remote keypad is away from it, place the remote keypad on the base for about 5 seconds to reset the security access-protection code. If the remote keypad loses power,

leave it on the base to charge the battery pack.

- If you will not use your phone for a long time, 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 new 3.6V, 600mAh Ni-Cd rechargeable 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 remote keypad on the base, and charge the battery for 15 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 them.

Cautions:

- You must use a replacement battery pack of the same size and type.
- Do not dispose of the battery pack in fire because it might explode.
- Do not open or mutilate the battery pack.

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

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.

Attaching the Headset Holder

Put the headset holder into the slot on the back of the base and slide it into place.

Connecting and Adjusting the Headset

Insert the headset's plug into the jack on the side of the remote keypad.

Put on the headset, and adjust the band until it rests with almost no pressure on your ear and the top of your head.

If the headset is loose, remove it and gently push the headset band inward slightly to tighten it. If the headset is tight, gently pull the headset band out to loosen it.

Hold the headset in place, and turn the microphone boom until it is about 2 inches from your mouth.

When you are not using the headset, place it on the headset holder.

Setting the Ringer

To have the phone ring when a call comes in, set **RINGER ON/OFF** on the remote keypad to **ON**. To turn off the ringer, set it to **OFF**. With the 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 **TALK/LOW BATT** indicator and the **IN USE/CHARGE** indicator flash until you answer the call.

Setting the Dialing Mode

Set **TONE/PULSE** at the bottom of the base for the type of service you have.

If you are not sure which type you have, do this simple test after charging the battery pack.

1. Set **TONE/PULSE** to **TONE**.
2. Lift the remote keypad from the base and press **TALK/HANG UP** so the **TALK/LOW BATT** indicator and the **IN USE/CHARGE** indicator, then listen for a dial tone.
3. Press any number other than 0 and 1.

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.

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

To hang up, place the remote keypad on the base or press **TALK/HANG UP**.

Using the Belt Clip

Use the belt clip to hang the remote keypad on your belt or waistband for hands-free carrying.

Using the Cord Clip

Insert the cord into the cord clip's hook, then attach the cord clip to your lapel or shirt to position the cord.

communication with the base and the call might be disconnect. If this happens, return the remote keypad to the base for about 5 seconds to reset the security access-protection code.

OPERATION

Making And Receiving Calls

Before using the phone, put the headset on and adjust it as needed.

To make a call, lift the remote keypad, then press **TALK/HANG UP**. You hear a dial tone, the TALK/LOW BATT indicator and the IN USE/CHARGE indicator. Dial the desired number.

To answer a call, lift the remote keypad, then press **TALK/HANG UP**. The TALK/LOW BATT indicator and IN USE/CHARGE indicator.

To disconnect a call, press **TALK/HANG UP** or place the remote keypad on the base.

Notes:

- 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 there is severe interference, move the remote keypad closer to the base before you press any key.
- If the interference is severe, the remote keypad might lose

Changing Channels

Your phone has an Auto Scan feature that automatically selects a clear channel when you press **TALK/HANG UP**. If you experience interference during a call, press **CHANNEL** to switch to another channel until you have good reception.

Setting the Volume

To adjust the volume, lift the remote keypad, press **TALK/HANG UP**. Then repeatedly press **VOLUME ▲** or **▼**. There are four levels. The phone beeps 3 times when you reach the lowest or highest level. The volume level remains set after you hang up.

Using Redial

To quickly redial the last number dialed, lift the remote keypad, press **TALK/HANG UP** then **REDIAL/PAUSE**.

To redial a busy number, press **REDIAL/PAUSE** without returning the phone to the base.

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.

Using Mute

Press **MUTE** to talk to someone else in the room without the person on the other end of the phone line hearing your conversation. You can still hear the person on the other end of the phone line. Press **MUTE** to resume your phone conversation.

Using Flash

Flash provides the electronic equivalent of a switchhook signal for special phone services such as Call Waiting.

For example, if you have Call Waiting, you can put your current call on hold and answer a second call by pressing **FLASH**. Press **FLASH** again to alternate between the two calls.

Note: If you do not have any special phone services, pressing **FLASH** might disconnect your current call.

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:

Dial the service's main number.

When the service answers, press **TONE***. Any additional numbers you dial are sent as tone signals.

After you complete the call, press **TALK/HANG UP** or return the remote keypad to the base. The phone automatically resets to pulse dialing.

MEMORY DIALING

You can store up to 10 numbers, each with up to 16 digits.

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 in Memory

1. Press and release **MEM**. The **TALK/LOW BATT** indicator flashes.

Note: If you do not press any button on the remote keypad within about 10 seconds, a buzz sounds and the phone exits the number storing process. Start again from Step 1.

2. Dial the desired number (up to 16 digits).
3. Press and release **MEM** again.
4. Press and release the memory location number (**0-9**) to store the number. Two long beeps sound, and the number is stored in memory.

Use the memory index card at the bottom of the base to write the name in the respective memory location number on the memory index card.

Notes:

- If you receive a call while you are storing a number in memory, press **TALK/HANG UP** to answer the call. After the call, begin again at Step 1.
- To change a number stored in memory, simply store a new number in that memory location.
- To clear a memory location so no number is stored there, press **MEM** twice, then press the memory location number. Two long beeps sound, and the number is cleared from memory. If a buzz sounds, you did not successfully clear the memory location. Repeat the process.

Entering a Pause in a Memory Number

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 **REDIAL/PAUSE** to enter a pause. To enter another pause, press **REDIAL/PAUSE** again.

Dialing a Stored Number

Lift the remote keypad, press **TALK/HANG UP**, and when you hear a dial tone, press **MEM** then the memory location number. The phone dials the stored number.

Chain Dialing Service Numbers

To quickly recall special services numbers (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 **MEM**, 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 9).

Testing Stored Emergency Numbers

If you store an emergency service's number (police department, fire

department, or ambulance, for example) 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.

TROUBLESHOOTING

We do not expect you have any problem with your telephone, but if you do, these suggestions might help.

Problem	Suggestion
The remote keypad does not work.	Move the remote keypad closer to the base.
	Raise the base's antenna to a vertical position.
	Make sure the phone's modular cord and the AC adapter are correctly and securely connected.
	Recharge the remote keypad's battery pack.
	Place the remote keypad on the base for about five seconds to reset the security access-protection code.
	Make sure the battery pack in the remote keypad is connected and charged.
The call is noisy.	Keep the remote keypad and base away from interference sources such as computers, radio frequency emitting items, fluorescent lights, and electrical appliances. If the interference is severe, turn off the device.
	Move the remote keypad closer to the base.
	Hang up and redial the number.
	Press CHANNEL to change the channel.
The range decreases.	Make sure the base's antenna is raised and is not touching a metal surface.
	Recharge the remote keypad's battery pack.
You can receive calls, but cannot make call.	Set TONE/PULSE correctly for the type of service you have.
The volume level drops or you hear unusual sounds when someone picks up another phone on the same line.	Hang up the second phone.

If additional phones have been added to the line, recalculate the REN (see "FCC Statement" on Page 2).

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

CARE

Keep the phone dry; if it gets wet, wipe it dry immediately. Use and store the telephone 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.

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, lighting 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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