

For: Blanche - 127 7/11

Update

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900 MHz Cordless Telephone with 10 Memory Speed Dial

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

FEATURES

Your RadioShack 900 MHz Cordless Phone offers the latest advances in cordless phone technology. Its headset jack lets you connect an optional headset for hands-free convenience while you use the phone. The base's space-saving design makes it perfect for areas where space is limited.

Your phone has these features:

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 while the keypad is off the base.

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

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

Headset Jack — lets you connect an optional headset (available at your local RadioShack store) for hands-free convenience.

 **RadioShack**
www.radio shack.com

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Volume Control — lets you control the volume of the sound you hear through the handset.


Page — lets you send a paging signal from the base to the handset to help locate a misplaced handset or page someone at the handset.

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

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

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

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

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

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READ THIS BEFORE INSTALLATION

Each device that you connect to the phone line draws power from the phone line. We refer to this power draw as the device's ringer equivalence number, or REN. The REN is on the bottom of the base.

If you are using 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 phone might not ring. If ringer operation is impaired, remove a device from the line.

FCC STATEMENT

This telephone complies with Part 68 of FCC Rules. You must, upon request, provide the FCC registration number and the REN to your phone company. These numbers are on the bottom of the base.

Note: You must not connect your phone to any of the following:

- coin-operated systems
- party-line systems
- most electronic key phone 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.

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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 advances, 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 Radio Shack store if the problem still exists.

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 requirement. However, lightning striking the telephone or power lines can damage your telephone.

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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.

PREPARATION

Mounting the Phone

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

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

Caution: The supplied AC adapter was designed specifically for your phone. Use only the supplied adapter.

Notes:

- Your telephone connects directly to a modular telephone line jack. If your phone line jack is not a modular jack, you can update the wiring yourself, using jacks and adapters available at your local RadioShack store. Or, you can let the phone company update the wiring for you.
- The USOC number of the jack to be installed is RJ11C.

On a Desk

You can power the base using the supplied 12V, 200mA AC/DC adapter.

Cautions:



You must use a 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 phone's DC 12V, 200mA 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 to AC power. When you finish, disconnect the adapter from AC power before you disconnect it from the phone.

Follow these steps to place the base on a desk or table using the supplied bracket.

1. Insert the bracket's tabs into the base's upper tab slots as shown, then press down on the bracket's clips and insert them into the clip slots.



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

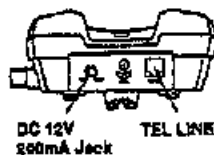
3. Plug the modular cord's other end into a modular phone line jack.

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

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

6. Plug the adapter into a standard AC outlet.

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



On a Wall Plate or Wall

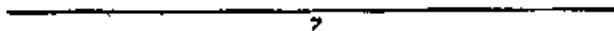
1. Insert the supplied bracket's tabs into the base's lower tab slots, then press down on the bracket's clips and insert them into the clip slots.

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

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

4. Route the adapter's cord through the narrow groove on the bottom of the bracket.

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



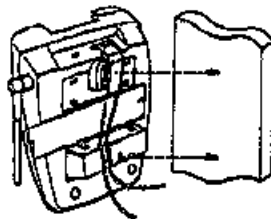
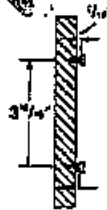
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6. Plug the adapter into a standard AC outlet.
7. Press and lift out the handset holder, turn it over and upside down so its tabbed edge faces up, then slide it back down into its slot.
8. Lift the base's antenna to a vertical position.

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 bottom of the base.

Follow the steps under "On a Wall Plate or Wall" on Page 7 then apply these additional instructions.

1. Drill two holes $3\frac{1}{16}$ inches (100mm) apart. Then thread a screw into each hole, letting the heads extend about $\frac{5}{16}$ inch (8mm) from the wall.
2. Plug one end of the supplied long modular cord into the TEL LINE JACK on the back of the base.
3. Align the keyhole slots with the mounting screws and slide the base downward to secure it.



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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 12 hours before you use the phone for the first time.

1. Press down and slide off the battery pack 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 either faceup or facedown on the base. The CHARGE/IN USE indicator lights.

Notes:

- Recharge the battery pack if the handset beeps and the IN USE/LOW BATT indicator on the handset flashes while you are using the phone, or if the IN USE/LOW BATT indicator flashes when the phone is not in use.

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- When you first use the phone after charging or recharging the battery pack, the phone might not work. Return the 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 phone off the base until the low battery warning tone sounds. Otherwise, the battery pack loses its ability to fully recharge.
- If the CHARGE/IN USE indicator does not light when you place the handset on the base, be sure the battery pack and AC adapter are correctly and securely connected. Also, check the charging contacts on the handset and base. If the contacts are dirty or tarnished, clean them with a pencil eraser.
- If the battery pack becomes completely discharged or the base loses power while the handset is away from it, place the handset on the base for about 5 seconds to reset the security access-protection code. If the handset loses power, leave it on the base to charge the battery pack.
- If you are not going to use your phone for an extended period of time, disconnect its battery pack. This helps increase the battery pack's life.
- When the handset is on the base, the CHARGE/IN USE/MESSAGE indicator lights even when the battery pack is not connected. If your phone does not work, be sure the battery pack is properly connected.

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 3.6-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.

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:

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

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

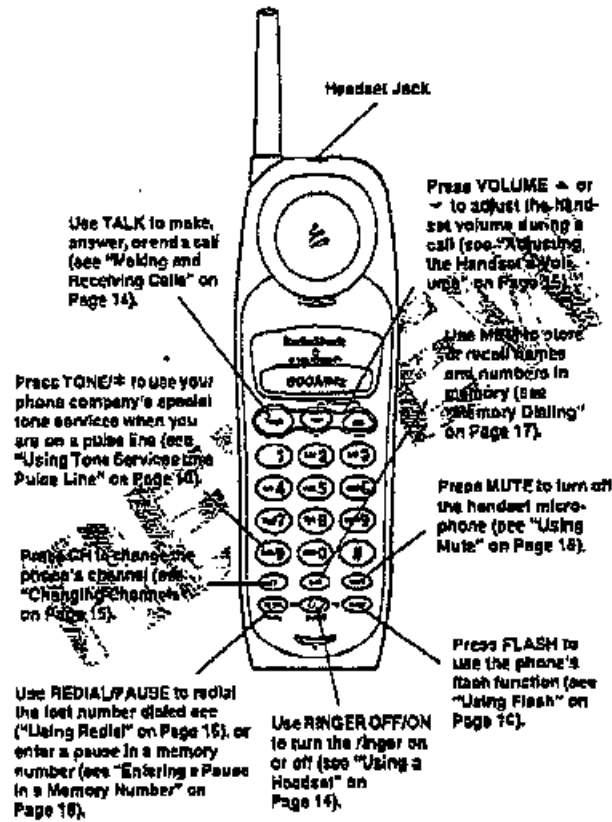
Important: The EPA-certified RBRC® Battery Recycling Seal on the nickel-cadmium (Ni-Cd) battery indicates RadioShack is voluntarily participating in an industry program to collect and recycle these batteries at the end of their useful life, when taken out of service in the United States or Canada. The 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.



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A Quick Look at the Handset



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Setting the Ringer

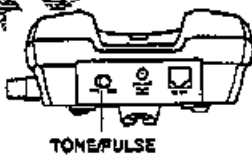
OFF/ON RINGER controls the handset ringer. To have the phone ring when a call comes in, slide **RINGER** to **ON**. To turn the ringer off, slide **RINGER** to **OFF**.

When **RINGER** is set to **OFF**, the phone does not ring, but you can still make outgoing calls. If you hear an extension telephone ring, you can answer the incoming call on this phone. The **CHARGE/IN USE** indicator on the base and **IN USE/LOW BATT** on the handset indicator flash until you answer the call.

Setting the Dialing Mode

Set **TONE/PULSE** on the back of the phone 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** before use.
2. Press **TALK**. The **CHARGE/IN USE** indicator lights when 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.

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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, place the handset on the base or press TALK.

Using a Headset

You can make or answer calls with hands-free convenience using an optional headset that has a 3/32-inch (2.5mm) plug. Contact your local RadioShack store for a suitable headset. To connect the headset, insert the headset plug into the jack on the handset.

BASIC OPERATION

Making and Receiving Calls

To make a call, lift the handset from the base, then press TALK. You hear a dial tone and the CHARGE/IN USE indicator on the base and the IN USE/ON-BATT indicator on the handset light. Dial the number.

To answer a call, lift the handset from the base, then press TALK. The CHARGE/IN USE indicator lights.

To end a call, place the handset on the base or press TALK.

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. (See "Changing Channels" on Page 15).

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- If interference is severe, the handset might lose communication with the base and the call might disconnect. If this happens, return the handset to the base for about 5 seconds to reset the security access-protection code.

Adjusting the Handset's Volume

To adjust the handset's volume, repeatedly press VOLUME ▲ or ▼ during a call until the sound level is comfortable. The volume remains set even after you hang up.

Note: The handset beeps 3 times when you reach the lowest or highest volume level.

Changing Channels

Every time you press TALK, the phone automatically selects a clear channel it uses for communication between the handset and the base. If you hear interference during a call, repeatedly press CH to change the channel until you get a clear one.

Using Redial

To redial the last number dialed, press TALK then REDIAL/PAUSE.

You can also redial a busy number quickly without hanging up the phone. Press REDIAL. You hear a dial tone then the phone automatically redials the number.

Notes:

- The redial memory holds up to 32 digits, so you can redial long-distance as well as local numbers.

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- The redial memory can also store tone and pause entries (see "Using Tone Services on a Pulse Line" on Page 16 and "Entering a Pause in a Memory Number" on Page 16).

Using 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. Press MUTE again to resume your phone conversation.

Using Flash

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

For example, if you have Call Waiting, press FLASH to answer an incoming call without disconnecting the current call. Press FLASH again to return to the first call.

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:

1. Dial the service's main number.
2. When the service answers, press TONE/*. Any additional numbers you dial are sent as tone signals.
3. After you complete the call, press TALK or return the handset to the base. The phone automatically resets to pulse dialing.

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Using Page

You can send a page to the handset to locate it when it is away from the base and not in use. To page the handset, press PAGE on the base. The handset rings for about 15 seconds. To find the handset, press and hold PAGE. The handset rings for about 1 minute. Press any key on the handset or PAGE on the base to silence it sooner.

MEMORY DIALING

You can store up to 10 numbers of 16 digits each in the 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 in Memory

1. Press MEM on the handset.
2. Dial the desired number (up to 16 digits including any pause entries).
3. Press MEM again to store the number.

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4. Press the memory location number (1-0) you want to store. The handset sounds two long beeps.

Note: If you hear three short beeps, you did not store the number successfully. Start again from step 1.

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

Note:

- If the low battery warning tone sounds and the **USE LOW BATT** indicator flashes, recharge or replace the battery within 2 minutes, or the phone will not retain the numbers stored in memory.
- If you receive a call while you are storing a number in memory, press **TALK** 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.

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 2-second pause.

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Dialing a Stored Number

Press TALK. When you hear the dial tone, press MEM then the memory location number (1-0). The phone dials the 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 call, press MEM then the number for the location where the additional numbers are stored.

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 this test call during the late evening or early morning, or avoid peak demand periods. Remain on the line to explain the reason for your call.

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TROUBLESHOOTING

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

Problem	Suggestion
The handset does not work.	Move the handset 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.
	Make sure the handset's battery pack is properly connected and charged.
	Recharge the handset's battery pack.
The call is noisy.	Place the handset on the base for about five seconds to reset the security access protection code.
	Keep the handset and base 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 device.
	Move the handset closer to the base.
	Hang up and redial the number.
	Press CH to change the channel.

Problem	Suggestion
The range decreases.	Make sure the base's antenna is raised and is not touching a metal surface. Recharge the handset's battery pack.
You can receive calls, but cannot make call.	Set TONE/PULSE correctly for the type of service you have (see "Setting the Dialing Mode" on Page 13).

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 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.

Modification 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.

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