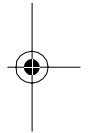Cat. No. 43-999
OWNER'S MANUAL
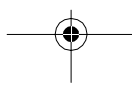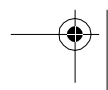
Please read before using this equipment.

Caller ID System 999

Big Button Caller ID Phone with Call Waiting

®

RadioShack ®

FEATURES

Your RadioShack Caller ID System 999 Big Button Caller ID Phone with Call Waiting combines a telephone and a Caller ID unit in one system. The System 999 displays the caller's telephone number (and name, if available in your area) and the current time, as provided by your local telephone company to Caller ID service subscribers.

Important Information:

- To use the telephone's Caller ID feature, you must be in an area where Caller ID service is available and you must subscribe to the service.

- The telephone displays the caller's name only if this feature is available in your area.

Your system 999 includes these features:

Caller ID Memory — stores up to 50 Caller ID records.

13-Number Memory Dialing — lets you store up to 13 phone numbers in memory for easy dialing — 3 emergency or priority (one-touch) numbers and ten standard numbers.

3-Line Liquid Crystal Display with Contrast Control — shows you an entire Caller ID record on one screen and lets you adjust the display's contrast.

Clock — displays the current time as provided to Caller ID service subscribers by your local telephone company.

Time and Date Display — displays the time and day.

Adjustable Ringer — choose one of three ringer tones, or turn the ringer off.

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

Mute — lets you talk to someone else in the room without being overheard by the person on the phone.

Flash — sends an electronic switch-hook signal for use with special phone services, such as Call Waiting.

Redial — lets you quickly redial the last number dialed.

Big Button Keypad — makes it easy to dial your calls.

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

Wall Mountable — you can easily mount the System 999 on a wall to save desk space.

Pulse/Tone Option — lets you use your phone with pulse or tone service and lets you easily switch from pulse to tone dialing for long-distance, bank-by-phone, or other special services.

Note: To protect the information stored in memory, your system requires four AA batteries (not supplied).

We recommend you record your system's serial number here. The number is on the bottom of the system.

Serial Number: _____

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

Warning: To prevent 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-SERVICE-ABLE PARTS INSIDE. REFER SERVIC-ING TO QUALIFIED PERSONNEL.

⚡ This symbol is intended to alert you to the presence of uninsulated danger-ous voltage within the product's enclo-sure that might be of sufficient magnitude to constitute a risk of elec-tric shock. Do not open the product's case.

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

3

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* (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.

FCC STATEMENT

Your telephone complies with Part 68 of *FCC Rules*. Upon request, you must provide the phone's FCC registration number and REN to your telephone company. These numbers are shown on the bottom of the phone.
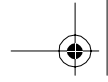
Note: You must not connect your telephone to:

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

The telephone complies with the limits for a Class B 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 telephone 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 TV's receiving antenna.
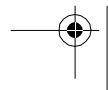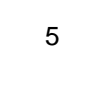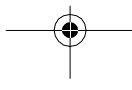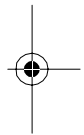- Increase the distance between the telephone and the radio or TV.

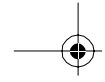Consult your local RadioShack store if the problem still exists.

CONTENTS

INSTALLATION

Follow this sequence to ensure your phone will work properly.

- Install the batteries (see "Installing Backup Batteries").

- Reset the phone (see).

- Mount the phone (see).

If your phone does not work, disconnect it from the phone line, remove the batteries, then repeat the above sequence.

INSTALLING BACKUP BATTERIES

Your phone requires four AA batteries (not supplied) to protect its memory. We recommend you use Radio Shack alkaline batteries.

Cautions:

- Use only fresh batteries of the required size and type.

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

- Never leave dead or weak batteries in the phone.

- Dispose of old batteries promptly; do not bury or burn them.

Follow these steps to install batteries.

1. If the desk top stand is connected, remove it by pressing the two tabs on the stand then lifting it off.

Illustration showing phone stand removal

2. Using a flat-bladed screwdriver, remove the battery compartment cover's screw on the bottom of the system and remove the cover.

Illustration showing battery cover removal
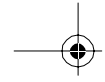
3. Place four AA batteries in the battery compartment as indicated by the polarity symbols (+ and –) marked inside.

Illustration showing inserting batteries

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

The telephone automatically tests the batteries each time it receives a call. If (batt icon) appears on the display or the display dims, replace the batteries.

6

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 AC outlet
- near a modular phone line jack
- out of the way of normal activities

Notes:

- Your telephone connects directly to a modular phone line jack. If your phone line jack is not modular, you can update it yourself, using jacks and adapters available from your local RadioShack store. Or, you can let the telephone company update it for you.
- The USOC number of the jack to be installed is RJ11C for a baseboard, or RJ11W for a wall plate.

Caution: The supplied AC adapter was designed specifically for your System 999. Use only the supplied adapter.

1. Remove the mounting bracket by pressing

On a Desk

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

*Illustration,
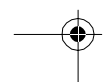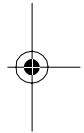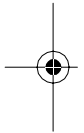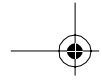connecting long line cord*

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

4. Insert the tabs on the narrow end of the desk top stand into both upper slots. Then snap both of the bottom tabs of the stand into place.

Illus. showing desk top stand

5. Insert the supplied AC adapter's barrel plug into the **DC 9V** jack on the back of the phone.

*Illus. showing **9V** AC jack.*

7

On a Wall Plate

Note: Check for the proper viewing angle of the liquid crystal display before mounting this system to a wall plate.

1. Plug one end of the supplied short modular phone cord into the **TEL. LINE** jack on the phone.

*Illustration,
connecting short line cord*

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

*Illustration,
routing cord through strain relief slot*

3. Insert the tabs on the narrow end of the stand into the matching slots near the top of the phone, making sure the cord is routed through the opening in the stand. Then snap the stand into place by pressing in the two tabs toward the bottom of the phone.

*Illustration,
connecting phone stand*

4. Plug the other end of the phone cord into the phone jack on the wall plate.

5. Align the phone stand's keyhole slots with the wall plate studs and slide the phone downward until it snaps into place.

*Illustration,
mounting phone to wall plate*

6. Slide out the handset holder, flip it over as shown, then slide it back into place.

*Illustration,
flipping handset holder*

8
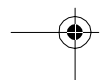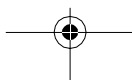
On a Wall

To mount the System 999 directly on the wall, you need two screws (not supplied) with heads that fit into the keyhole slots on the bottom of the base.

Note: Check for the proper viewing angle of the liquid crystal display before mounting this system to a wall.

1. Drill two holes, one above the other, $3^1/_4$ inches apart. Thread a screw into each hole, letting the heads extend about $^1/_8$ inch from the wall.
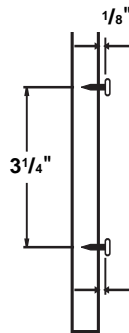
2. Plug one end of the supplied long modular phone cord into the **TEL. LINE** jack on the phone.

Illustration,
connecting cord to phone

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

Illustration,
routing cord through strain-relief slot

4. Insert the tabs on the narrow end of the stand into the matching slots near the top of the phone, making sure the cord is routed through the opening in the stand. Snap the stand into place by pressing in the two tabs toward the bottom of the phone.

Illustration,
attaching phone stand

5. Plug the other end of the modular phone cord into a modular phone jack.

6. Align the phone stand's keyhole slots with the screws and slide the phone down until it snaps into place.

Illustration,
mounting phone on screws

7. Slide out the handset holder, flip it over as shown, then slide it back into place.

Illustration,
flipping handset holder

9

CONNECTING THE HANDSET

Plug one end of the supplied coiled cord into the modular jack on the side of the phone, and the other end into the modular jack on the handset.

Illustration,
connecting handset cord

Notes:

- Your local RadioShack store sells a variety of longer coiled handset cords, which are especially useful when you mount the phone on the wall.

- You can place the handset on the holder on top of the phone without disconnecting a call

Illustration,
top handset holder

SETTING THE RINGER

If you do not want to hear the phone ring, set the **RINGER** to **OFF**. You can still make calls with the ringer off, and you can answer calls if you hear another phone on the same phone line ring. If you want to hear the phone ring, set the **RINGER** to **ON**.

Illustration,
RINGER

To change the ringer's frequency, set **RINGER FREQ**. to **A** (highest pitch), **B**, or **C** (lowest pitch).

Illustration showing
RINGER FREQ.

10

SETTING THE DIALING MODE

Set **TONE/PULSE** (located on the back of the telephone) for the type of service you have. If you are not sure which type you have, do this simple test.

1. Be sure **TONE/PULSE** is set to **TONE**.

Illustration,
TONE/PULSE

2. Lift the handset and listen for a dial tone.

3. Press any number except 0.

   Notes: 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 number either.

   If the dial tone stops, you have touch-tone service. Leave **TONE/PULSE** set to **TONE**.

   If the dial tone continues, you have pulse service. Set **TONE/PULSE** to **PULSE**.

SETTING THE HANDSET VOLUME

Slide the **HANDSET VOLUME** to **HIGH, MED** or **LO**.

Illustration,
HANDSET VOLUME*.*

SETTING THE DISPLAY CONTRAST

Note: If you wait more than 30 seconds between keypresses while setting the display contrast, the phone exits the set-up process without saving the new setting.

1. Hold down ◄◄ and ►► until **ADJUST CONTRAST** appears.

Illustration,
arrow buttons

2. Press ◄◄ or ►► to change the display contrast.

STORING YOUR AREA CODE

To quickly dial a number from a Caller ID record (see "Dialing from a Caller ID Record" on Page 16), you must store your local area code in the System 999's memory. Then, when you dial from a Caller ID record, the system skips the area code if it matches the one you stored.

Follow these steps to store your area code.

1. Leave the handset resting on the base, press **MEM**.

2. Press **DIAL BACK**. **Enter area code..** appears.

Illustration,
DIAL BACK

3. Enter your three-digit area code. The phone beeps signaling that the area code is stored.

To change an area code, store a new one in its place.

OPERATION

To make a call, pick up the handset. When you hear the dial tone, dial the number. The display shows the number you are dialing.

To answer a call, lift the handset and begin talking.

To end a call, return the handset to the base.

MEMORY DIALING

The System 999 lets you store three types of number for fast memory dialing.

- You can store up to three emergency numbers that you can dial by pressing one of three priority buttons.

- You can store up to 13 indirect memory numbers that you can dial by pressing two buttons.

- You can store a voice mail access code that you can dial by pressing a single button.

Storing a Number in the Emergency Memory

Follow these steps to store emergency phone numbers.

Notes:

- The 3 emergency memory buttons are set with the factory default "911."

- Should you store your own emergency numbers in the emergency memory buttons, when a power failure occurs the emergency memory buttons return to the factory default setting. You must restore your emergency numbers.

With the handset on the base, press **MEM**.

Illustration,
MEM

4. Enter an emergency phone number, up to __ digits, then press **MEM** again.

5. Press either (cross icon), (fire icon) or (police icon) to store the number in that memory location. **"NUMBER STORED"** appears.

Storing a Number in Indirect Memory

Follow these steps to store a number in an indirect memory location.

1. With the handset on the base, press **MEM**.

2. Enter the phone number, up to __ digits, then press **MEM** again.

3. Press a number key (0–9) to store the phone number in that location. "**NUMBER STORED**" appears.

Dialing a Stored Number

To dial a number stored in an emergency memory location, press either emergency memory key.

To dial a number stored in the indirect memory location, press **MEM** and then the desired memory number (0–9).

STORING A NUMBER IN VOICE MAIL MEMORY

If you subscribe to a message waiting service from your local telephone company, the phone company will assign you an access number for retrieving your messages. The System 999 lets you store this access code and dial it with the touch of a button.

Follow these steps to store your voice mail access code.

1. With the handset on the base, press **MEM**.

2. Enter the access code, up to __ digits, then press **MEM** again.

3. Press **VOICE MAIL**.

Illustration,
VOICE MAIL

When your voice mail system prompts you for the access code, press **VOICE MAIL**.

USING FLASH

FLASH performs the electronic equivalent of a switchhook operation for special services, such as Call Waiting.
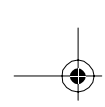
Illustration,
FLASH

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 the current call.

USING REDIAL

You can quickly dial the last number dialed. When you hear a dial tone, simply press **REDIAL.**
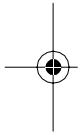
Illustration,
REDIAL

14

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 special tone services by following these steps.

1. Be sure **TONE/PULSE** is set to **PULSE.**

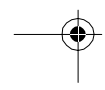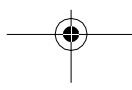*Illustration,*
TONE/PULSE

2. Dial the service's main number.

3. When the service answers, press ✳. Any additional numbers you dial are sent as tone signals.
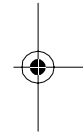
Illustration,
✳

4. The phone automatically resets to pulse dialing when you hang up.

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CALLER ID OPERATION

If you subscribe to Caller ID service, the phone company sends information about the call, as well as the time and date, between the first and second rings of every call you receive.

The System 999 displays this information when it receives a call, and it stores up to 50 Caller ID records for later review. It also shows if the name or number were unavailable or blocked by the caller (see "Caller ID Messages" on Page 21).

When a call comes in, ___ appears on the display, then the Caller ID record appears.

If the phone's Caller ID memory becomes full, any new call replaces the oldest call record.

REVIEWING CALLER ID RECORDS

When you have new Caller ID records (ones you have not reviewed), ___ appears.To review Caller ID records, repeatedly press ▶▶ to see the older records or ◀◀ to see the newer.

Illustration,
CID record example (?)

Notes:

- If there is no call record in memory, the display shows, "**NO CALLER ID**".

- If you wait more than 30 seconds between keypresses while reviewing Caller ID records, the telephone automatically returns to the time display.

DIALING FROM A CALLER ID RECORD

To dial a local number stored in a Caller ID record, recall the record, then lift the handset and press **DIAL BACK**.

Illustration,
DIAL BACK

Caller ID Messages

Display	Description
ERASE	Appears if you select to delete a caller ID record.
ERASE ALL	Appears if you select to delete all caller ID records.
ERROR	Appears if all caller ID information was garbled. Minor electrical disturbances can affect Caller ID information. Occasional errors are normal. If this happens often, contact your local telephone company and ask them to correct the problem,
END OF LIST	Appears when you reach the end of the information while reviewing stored information.
MESSAGE WAIT-ING	Flashes if you subscribe to a message waiting service and a message is waiting.
MSG WAITING OFF	Appears when you hang up call about 30 seconds after checking the message by the message waiting service.
NO CALLER ID	Appears if there is no Caller ID information stored in the system's memory.
OUT OF AREA	Appears if the Caller is not within a Caller ID service area, or during the following types of incoming calls.
PRIVATE	Appears (if available) if the caller chose to block sending Caller ID information. No Caller information appears.
#	Shows the number of a stored call.
NEW	Flashes during a new incoming call, and appears at the first time you review a Call's information. A new call is an incoming call where the caller's number and name (if available) is not already stored in the system's Caller ID memory.
ADJUST CON-TRAST	Appears while you adjust the display's contrast for the best readability.

STORING VIP CALLS

If you receive a call from an important caller (someone you call frequently, for example), the System 999 lets you store that caller's call record as a VIP call. The System 999 lets you know you have a VIP call by sounding an alert tone. You can also call back a VIP number with the touch of a button.

The System 999 lets you store up to 10 call records as VIP calls, and review and delete the marks at any time.

Follow these steps to store a VIP call:

1. To store a VIP number, recall the desired Caller ID record, then press **VIP**.

Illustration,
VIP

To call back a VIP number, press **VIP**. Press or until you see the desired VIP number, then lift the handset and press **DIAL**.

DELETING CALLER ID RECORDS

You can delete a single Caller ID record, or you can delete all records at once.

To delete a single Caller ID record while it is on the display, press **ERASE** until "**ERASE CALL ID?**" appears. The phone beeps twice.

Illustration,
ERASE

To delete all Caller ID records, follow these steps.

1. Press ◄◄ or ►► to enter the records you want to delete.
2. Hold down **ERASE** until "**ERASE ALL?**" appears.
3. Press **ERASE**. The phone beeps twice.

Note: The VIP call record will not be deleted when you delete all records.

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TROUBLESHOOTING

We do not expect you to have any problems with your telephone, but if you do, the following suggestions might help.

Problem	Suggestion
No dial tone.	Check that the phone line and handset cords are securely connected.
Display is blank.	Batteries are weak or not installed and AC adapter is not connected.
⚡ appears.	AC power is interrupted. Be sure AC adapter is correctly and securely connected.
Volume drops or you hear unusual sounds.	Someone has picked up another phone on the same line. Hang up the other phone.
Call is noisy.	Check that the phone line and handset cords are securely connected.
	Hang up and redial the number.
Phone dials 1+area code+number when dialing a local number from a Caller ID record.	Store the local area code (see "Setting the Area Codes" on Page 11).
Can receive calls, but cannot make calls.	Set **T**/**P** correctly for the type of service you have (see "Setting the Dialing Mode" on Page 10).

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 System 999 to your local RadioShack store for assistance.

CARE AND MAINTENANCE

Your RadioShack Caller ID System 999 Telephone Big Button Caller ID is an example of superior design and craftsmanship. The following suggestions will help you care for your phone so you can enjoy it for years.

Keep the phone dry. If it gets wet, wipe it dry immediately. Liquids might contain minerals that can corrode the electronic circuits.

Use and store the phone only in normal temperature environments. Temperature extremes can shorten the life of electronic devices and distort or melt plastic parts.

Keep the phone away from dust and dirt, which can cause premature wear of parts.

Handle the phone gently and carefully. Dropping it can damage circuit boards and cases and can cause the phone to work improperly.

Use only fresh batteries of the required size and type. Old batteries can leak chemicals that damage your phone's electronic parts.

Wipe the phone with a damp cloth occasionally to keep it looking new. Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the phone.

Modifying or tampering with the phone's internal components can cause a malfunction and might invalidate your phone's 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 phone lines, the phone company might ask you to disconnect your phone until you solve the problem.
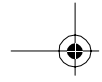
THE FCC WANTS YOU TO KNOW

In the unlikely event that your telephone causes problems on the telephone line, the telephone company can disconnect your service. The telephone company normally attempts to notify you in advance. If advance notice is not practical, the telephone company notifies you as soon as possible and advises you of your right to file a complaint with the FCC.

Also, the telephone 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.

LIGHTNING

Your telephone has built-in protection circuits to reduce the risk of damage from surges in telephone line current. These protection circuits meet or exceed the FCC requirements. However, lightning striking the telephone 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 telephone during storms to reduce the possibility of damage.
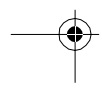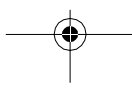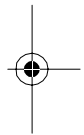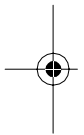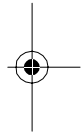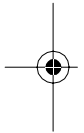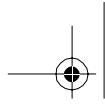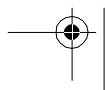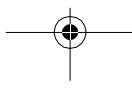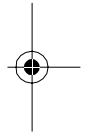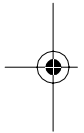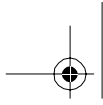
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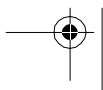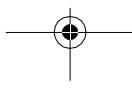**A Division of Tandy Corporation**
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