



Cat. No. 43-997 (white) / 998 (black)  
**OWNER'S MANUAL**



Please read before using this equipment.

**System 997/998**



**45-Memory Caller ID  
with 2-Line Display**



**RadioShack®**



**RadioShack™**



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

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

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RadioShack is a registered trademark used by Tandy Corporation.



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.

Your System 997/998 is ETL listed to UL standards and meets all applicable FCC standards.

## **FEATURES**

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Your RadioShack System 997/998 45-Memory Caller ID is the latest in telephone technology. The system can display a caller's telephone number, name (if available) and the date and time the call was received. It can store up to 45 single (number only) or multiple (name and number) Caller ID records.

Your System 997/998 has these features:

**Caller ID Memory** — stores up to 45 Caller ID records with name and number or number only, depending on the information your phone company provides.

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**Two-Line Liquid Crystal Display** — makes it easy to see the caller information and the current time and date, all at once.

**Call Counter** — shows the number of calls you have received.

**New Call Indicator** — lets you see at a glance that you have new calls.

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

**Mounting Options** — you can place the system on a desk or table, or mount it on a wall.

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**Message Waiting** — tells you when you have received a voice mail message (if you subscribe to the message waiting service from your local phone company).

**Note:** The Message Waiting feature does not work with stutter dial tone service.

**Easy Installation** — the system easily connects to your telephone line so you can begin using it immediately.

**Note:** You need four AAA batteries (not supplied) to power the System 997/998.

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

Serial Number: \_\_\_\_\_

### Important Caller ID Information

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

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

- caller's number only
- caller's name only
- caller's name and number

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## FCC INFORMATION

We have designed your System 997/998 to conform to federal regulations, and you can connect it to most telephone lines. However, each Caller ID system (and each device, such as a telephone or answering machine) that you connect to the telephone line draws power from the line. We refer to this power draw as the system'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, your phones might not ring. In rural areas, a total REN of three might impair ringer operation. If ringer operation is impaired, remove one of the devices from the line.

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Your system complies with Part 68 of *FCC Rules*. You must, upon request, provide the Federal Communications Commission (FCC) registration number and the REN to your phone company. These numbers are on the label on the bottom of the system.

**Note:** You must not connect your System 997/998 to:

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

This system 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 System 997/998 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 radio or TV antenna.
- Increase the distance between the System 997/998 and the radio or TV.
- Use outlets on different electrical circuits for the System 997/998 and the radio or TV.

Contact your local RadioShack store if the problem continues.

# CONTENTS

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<b>Preparation .....</b>	<b>12</b>
Installing Batteries .....	12
Connecting to a Phone .....	16
Connecting to an Answering Machine .....	17
Mounting the System .....	19
<b>Operation .....</b>	<b>22</b>
Reviewing Call Records .....	23
Caller ID Messages .....	25
Deleting Caller ID Records .....	27
<b>Troubleshooting .....</b>	<b>29</b>
<b>Care and Maintenance .....</b>	<b>30</b>
The FCC Wants You to Know .....	33
Lightning .....	34

## **PREPARATION**

### **INSTALLING BATTERIES**

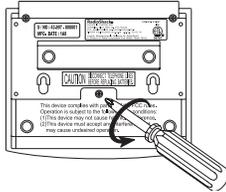
You need four AAA batteries (not supplied) to power the System 997/998. For the best performance, we recommend alkaline batteries, such as RadioShack Cat. No. 23-555.

**Cautions:**

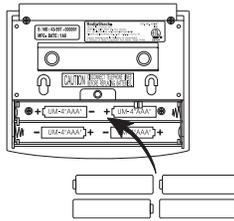
- Always use fresh batteries of the required size and recommended type.
- Do not mix old and new batteries, different types of batteries (standard, alkaline, or rechargeable), or rechargeable batteries of different capacities.

Follow these steps to install batteries.

1. If you are replacing old batteries, disconnect both modular line cords from the System 997/998.
2. Use a Phillips screwdriver to remove the screw in the battery cover on the bottom of the system, then slide the cover off.



- Put four fresh AAA batteries into the compartment as indicated by the polarity symbols (+ and -) marked inside.



- Replace the cover and secure it with the screw. If you are replacing the batteries, reconnect the modular line cords.

Replace the batteries when  flashes on the display or the display dims.

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**Note:** If the battery is out of the System 997/998 for more than about a minute, the time and date will be lost (but be reset when you receive the next call). The Caller ID records, however, remain in the system's memory.

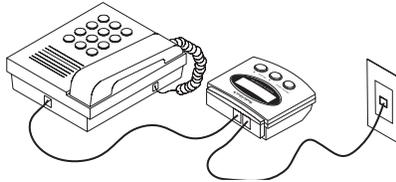
**Cautions:**

- Always remove old or weak batteries. Batteries can leak chemicals that can damage your system.
- Dispose of old batteries promptly and properly. Do not burn or bury them.

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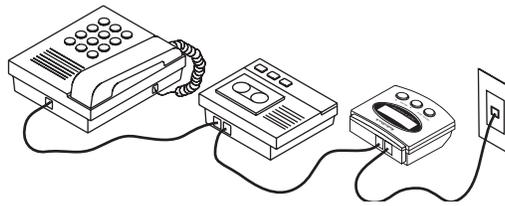
## CONNECTING TO A PHONE



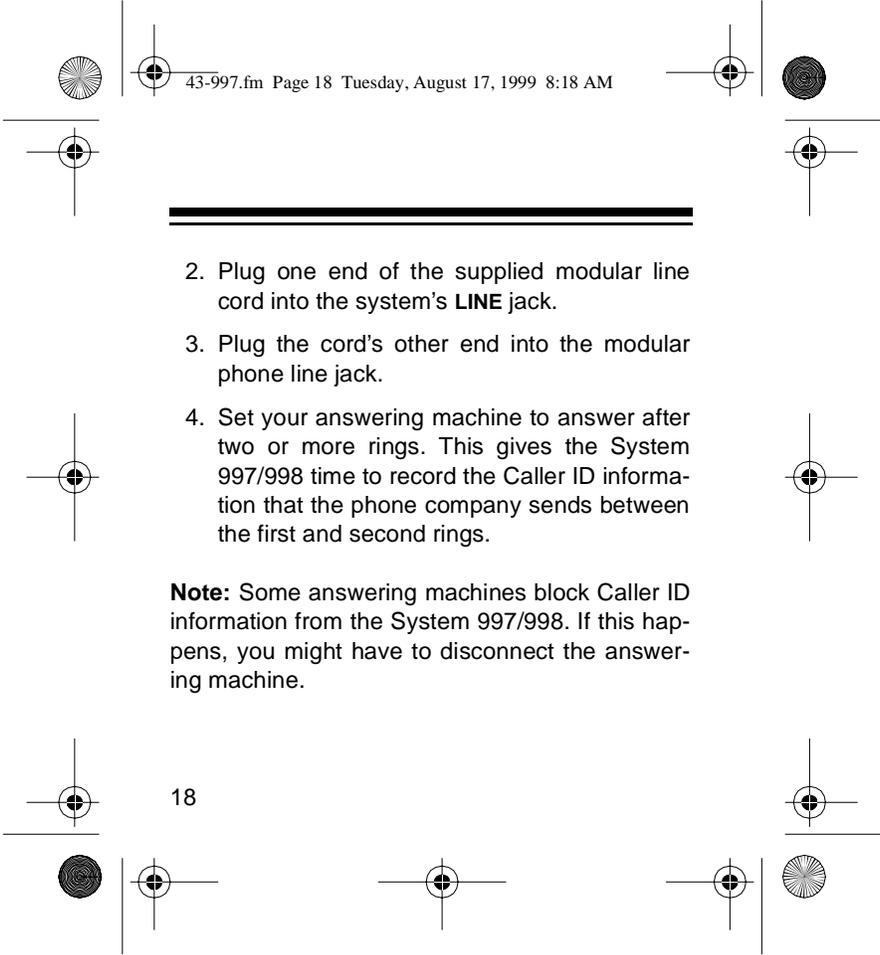
1. Disconnect your telephone's line cord from the modular phone line jack and plug it into the system's **PHONE** jack.
2. Plug one end of the supplied modular line cord into the system's **LINE** jack.
3. Plug the cord's other end into the modular phone line jack.

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## CONNECTING TO AN ANSWERING MACHINE



1. Disconnect the modular line cord that connects your answering machine to the modular phone line jack, then plug it into the system's **PHONE** jack.

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2. Plug one end of the supplied modular line cord into the system's **LINE** jack.
  3. Plug the cord's other end into the modular phone line jack.
  4. Set your answering machine to answer after two or more rings. This gives the System 997/998 time to record the Caller ID information that the phone company sends between the first and second rings.

**Note:** Some answering machines block Caller ID information from the System 997/998. If this happens, you might have to disconnect the answering machine.

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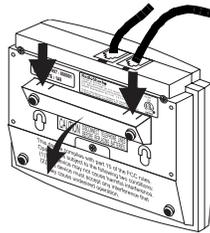
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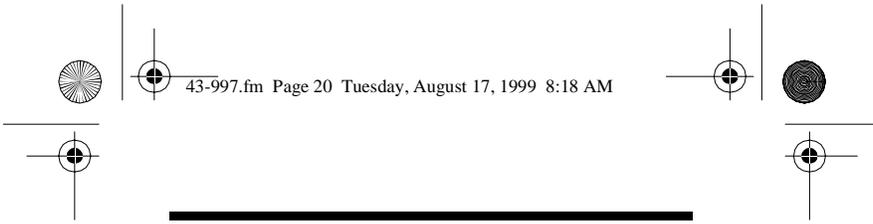
## MOUNTING THE SYSTEM

You can place the System 997/998 on a flat surface such as a desk, or mount it on a wall.

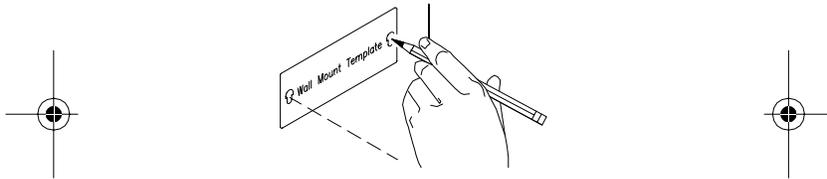
Follow these steps to mount the system on a wall.

1. Press in the two tabs on the stand and lift the stand to remove it.

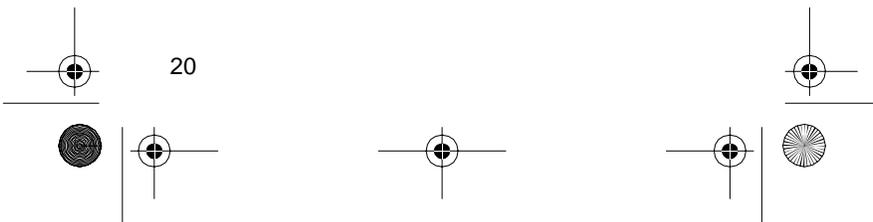


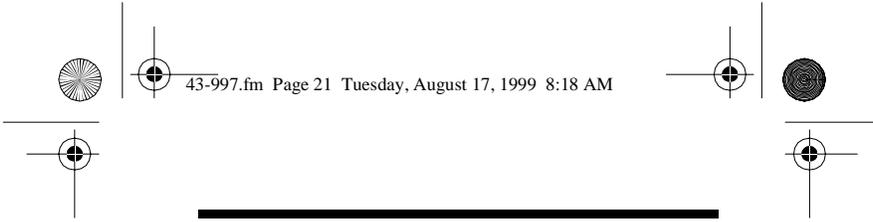


2. Select a location near the phone line jack, then use the supplied template to mark the mounting screw locations on the wall.

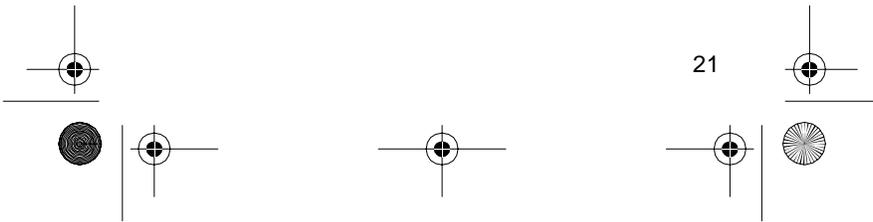
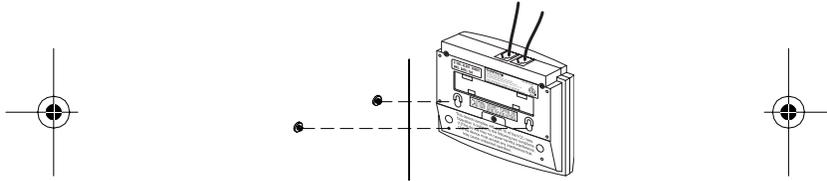


3. Drill a hole in the wall at each marked location.
4. Thread one of the supplied screws into each hole, letting the head extend  $\frac{1}{8}$ " from the wall.





5. Align the slots on the back of the system with the screws in the wall. Then gently push the system downward to secure it.





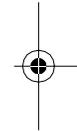
## **OPERATION**

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If you subscribe to Caller ID service from your phone company, the phone company sends information about the caller, as well as the time and date, between the first and second rings of every call you receive. The System 997/998 displays this information and updates the system's clock. (You cannot manually set the date and time.)



**CALL** flashes on the display during an incoming call, then the Caller ID information appears. After 20 seconds, the system returns to the clock display.

**NEW** flashes on the display to show that you have received new calls since the last time you reviewed Caller ID records.



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The System 997/998 can also show other information about the call. See "Caller ID Messages" on Page 25.

## REVIEWING CALL RECORDS

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

- call number
- time and date of the call
- caller's telephone number (if available)
- caller's name (if available)

Repeatedly press **REVIEW** ▲ or ▼ to scroll through the records. The system shows the caller's number (and name, if available). To see the date and time the call was received, press **DELETE/READ**. Press **DELETE/READ** again to return.



**END OF LIST** appears when you scroll before the first or after the last Caller ID record.

**Note:** The System 997/998 shows up to 10 digits of an incoming phone number. If the number is longer, you see only the last 10 digits.

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### Caller ID Messages

Display	Description
NEW CALL XX	Appears the first time you review a new call record. (XX is the number of new calls.)
-PRIVATE CALL-	The caller has blocked the Caller ID information from being sent.
END OF LIST	Appears when you reach the end of your call records.

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Display	Description
-----ERROR-----	The Caller ID information was garbled, or there was an error during the transmission of Caller ID information.
NO CALLS	Appears when you press a <b>REVIEW</b> key if there are no Caller ID records in the system's memory.

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Display	Description
<b>MESSAGE WAITING</b>	Appears when a message is waiting (you must subscribe to your phone company's message waiting service to see this). <b>Note:</b> Message Waiting feature does not work with stutter dial tone service.
<b>-OUT OF AREA-</b>	The caller is not within a Caller ID service area. No caller information appears.

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## DELETING CALLER ID RECORDS

To delete a single Caller ID record, repeatedly press **REVIEW ▲** or **▼** until you see the record you want to delete, then hold down **DELETE/READ** until the record flashes and disappears from the display. The next record appears, or, if no other calls are stored, **NO CALLS** appears.

To delete all Caller ID records, wait until the System 997/998 shows the clock display, then hold down **DELETE/READ** for about four seconds. **ERASE ALL . . .** flashes, then **NO CALLS** appears indicating that all records were deleted.

## **TROUBLESHOOTING**

If your system is not working as it should, these suggestions might help you eliminate the problem.

<b>Problem</b>	<b>Suggestions</b>
Display is blank.	Replace the batteries.
You have an incoming call, but do not receive any Caller ID information.	Someone picked up a telephone on the same phone line before the system recorded the call record. This is not a malfunction.
	Check that the system is correctly and securely connected.
	Call your phone company to verify that your Caller ID service is active.

## **CARE AND MAINTENANCE**

Your RadioShack System 997/998 45-Memory Caller ID is an example of superior design and craftsmanship. The following suggestions will help you care for your system so you can enjoy it for years.



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



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



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



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



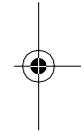
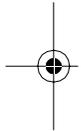
Use only fresh batteries of the required size and recommended type. Batteries can leak chemicals that damage your system's electronic parts.



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



Modifying or tampering with the system's internal components can cause a malfunction and might invalidate your system's warranty and void your FCC authorization to operate it. If your system 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 system until you have resolved the problem.



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## THE FCC WANTS YOU TO KNOW

In the unlikely event that your System 997/998 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 device. The telephone company notifies you of these changes

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in advance so you can take the necessary steps to prevent interruption of your telephone service.

## LIGHTNING

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

Lightning damage is not common. Nevertheless, if you live in an area that has severe electrical storms, we suggest that you unplug the telephone system during storms to reduce the possibility of damage.

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

*(continued)*



*(continued)*

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.



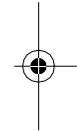
This warranty does not cover: (a) damage or failure caused by or attributable to acts of God, abuse, accident, misuse, improper or abnormal usage, failure to follow instructions, improper installation or maintenance, alteration, lightning or other incidence of excess voltage or current; (b) any repairs 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.

RadioShack Customer Relations, Dept. W,  
100 Throckmorton St., Suite 600, Fort Worth, TX 76102

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