



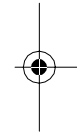
Cat. No. 43-982
OWNER'S MANUAL

Please read before using this equipment.

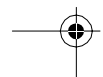
System 2100

2-Line Caller ID

with 64-Call Memory



RadioShack®



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

	CAUTION RISK OF ELECTRIC SHOCK. DO NOT OPEN.	
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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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FEATURES

Your RadioShack System 2100 2-Line Caller ID with 64-Call Memory is the latest in telephone technology, providing Caller ID information for two phone lines. When you subscribe to Caller ID service, the telephone company sends the caller's name and telephone number (if available), the date, and the time of the call between the first and second rings. The System 2100 stores and displays up to 64 Caller ID records per phone line, which have either a number or a name, or both.

The system's callback feature lets you dial a caller's number with the press of a single button. Its other features include:

Easy Installation — so you can quickly begin to see Caller ID information.

New Call Counter — displays the number of new calls you have received.

READ/DELETE Button — lets you delete Caller ID records one at a time or all at once.

Large Display — makes it easy to see the Caller ID information for up to two phone lines and the current time and date as provided to Caller ID service subscribers by your local telephone company.

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



Trilingual Messages — lets you set the system to display messages in English, French, or Spanish.

REVIEW Buttons — let you easily scroll through all records in Caller ID memory.

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

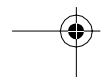
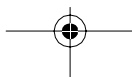
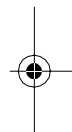
This system has been tested and found to comply with all applicable UL and FCC standards.

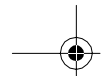
Notes:

- To use this system, you must be in an area where Caller ID service is available, and you must subscribe to the service.
- Your System 2100 displays name only, number only, or both name and number, depending upon the information provided by the phone company.

We recommend you record your System 2100's serial number here. The number is on the system's bottom panel.

Serial Number: _____



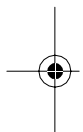


FCC INFORMATION

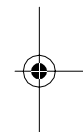


We have designed your System 2100 to conform to federal regulations, and you can connect it to most telephone lines. However, each system (and each device, such as a telephone or answering machine) that you connect to the telephone line draws power from the line. We refer to this power draw as the device's *ringer equivalence number* or REN. The REN is shown on a label on the bottom of the system.

If you use more than one telephone or other device on the line, add up all of the RENs. If the total is more than five, your telephone might not ring. In rural areas, a total REN of three might impair ringer operation. If ringer operation is impaired, remove a device from the line.

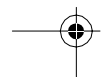
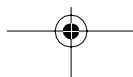


Your system complies with Part 68 of *FCC Rules*. You must, upon request, provide the FCC registration number and the REN to your telephone company. Both numbers are shown on the bottom of the system.



Note: You must not connect the system to:

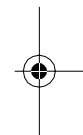
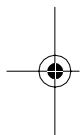
- Coin-operated systems
- Party-line systems
- Most electronic key telephone systems





In the unlikely event that your system 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.

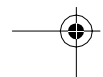
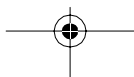
Also, the phone company can make changes to its lines, equipment, operations, or procedures that could affect the operation of this system. The telephone company notifies you of these changes in advance, so you can take the necessary steps to prevent interruption of your telephone service.



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 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 System 2100 and the radio or TV

Consult your local RadioShack store if the problem continues.



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PREPARATION



INSTALLING BATTERIES/SETUP

You need eight AAA batteries (not supplied) to power the system. For the longest operation and best performance, we recommend alkaline batteries, such as RadioShack Cat. No. 23-558.

Cautions:

- Use only 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 and select the display language, area code, year, day, date, and time.



Note: To change any of the settings (for example, area code or year), you must start from Step 1.

1. Unplug the system from the phone line.
2. Set **L1/L2** on the side of the system to **L2**.



-
3. Use a Phillips screwdriver to remove the battery compartment screw on the bottom of the system and lift off the cover.
 4. Put the fresh batteries in the compartment as indicated by the polarity symbols (+ and -) marked inside.
 5. Replace the cover and tighten the screw. Reconnect the phone line.
 6. Turn the system over so you can see the display. After you install batteries, the system displays **TWIN640 REV 1.6** (information about the system's software), **SET LANGUAGE**, then **ENGLISH** (the default display language).
 7. To select another language, repeatedly press ◀ within 2 minutes. The display cycles through **FRENCH**, **SPANISH**, and **ENGLISH**.

Note: If you do not press any key within 2 minutes, the system automatically selects English.

8. Press ▶ to store the selected language. **000** and **SET AREA CODE** appear. The first 0 flashes.
9. Within 2 minutes, repeatedly press ◀ until the first digit of your area code appears, then press ▶ to enter the digit. The second 0 flashes.

Repeat this step to set the second and third digits of your area code.

Notes:

- If you make a mistake while setting the area code, press **READ/DELETE**. The cursor moves to the first digit of the area code. Repeat this step to reset the area code.
- If you do not press any key within 2 minutes, the area code is automatically set to 000.

10. Press **▶** to store the area code. **1997 SET YEAR** appears. The **1** flashes.

11. Repeatedly press **◀** until the desired first digit appears, then press **▶** to store the digit. The second digit of the year flashes.

Repeat this step to set the second, third, and fourth digits.


Note: The correct date and time are automatically set when the system receives its first call, but you can manually set the date and time by following Steps 12–20.

12. Press **▶** to store the year. **SET DATE 1/01** appears. The month digit flashes.

13. Repeatedly press **◀** until the desired digit appears, then press **▶**. The date's first digit flashes.

14. Repeatedly press **◀** until the desired digit appears, then press **▶**. The date's second digit flashes.

-
15. Repeatedly press ◀ until the desired second date digit appears, then press ▶. **SET DAY** appears, then ----.
 16. Repeatedly press ◀ to select the day of the week, then press ▶. **12:00AM SET TIME** appears. **12** flashes.
 17. Repeatedly press ◀ until the desired hour appears, then press ▶. The minute's first digit flashes.
 18. Repeatedly press ◀ until the desired digit appears, then press ▶. The second minute digit flashes.
 19. Repeatedly press ◀ until the desired digit appears, then press ▶. **AM** flashes.
 20. To change to **PM**, press ◀.
 21. Press ▶ to store the information.

When the battery low indicator () appears or the display dims, replace the batteries.

Cautions:

- Always remove old or weak batteries; batteries can leak chemicals that can destroy electronic parts.
- Dispose of old batteries promptly and properly.



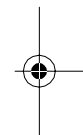
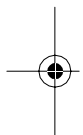
CONNECTING THE SYSTEM

Connecting to the Phone Line

The System 2100 connects to your phone and phone line using four modular telephone line connectors. If your phone line does not have a modular jacks, you can update the wiring yourself using adapters available at your local RadioShack store. Or, you can have the telephone company update your telephone wiring for you.

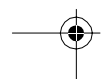
Notes:

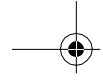
- If you connect the system to only one phone line, the system displays Caller ID information for only that line.
- The USOC number of the jack to be installed is RJ11C (for a single-line phone jack) or RJ14C (for a two-line phone jack).



The following illustrations show the possible connections, depending on your telephone and phone line setup:

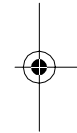
12

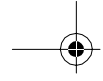




For a Two-Line Phone and a Two-Line Phone Jack

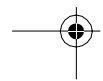
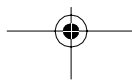
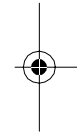
For a Two-Line Phone and Two Single-Line Phone Jacks

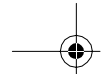




For a Single-Line Phone and a Two-Line Phone Jack

For Two Single-Line Phones and a Two-Line Phone Jack



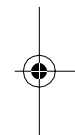


For Two Single-Line Phones and Two Single-Line Phone Jacks

Connecting to an Answering Machine

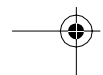
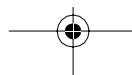


You can connect an answering machine to your System 2100 to answer calls for either or both phone lines.



Note: After connecting the answering machine, set it to answer after at least two rings.

For both lines or Line 1 only



For Line 2 only

MOUNTING THE SYSTEM

You can place the System 2100 directly on a desk, shelf, or table, or mount it on a wall using the supplied mounting bracket and screws.

Follow these steps to mount the system on a wall.

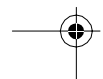
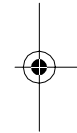
1. Select a location near the phone line jack(s) and mark mounting screw locations $4\frac{3}{16}$ inches (106 mm) apart on the wall, side-by-side.
2. Drill two $\frac{1}{8}$ -inch holes in the wall at the marked locations.

Note: For extra support, use the supplied wall anchors.

3. Thread a screw into each hole until the head extends $\frac{1}{8}$ inch from the wall.



-
4. Use a Phillips screwdriver to remove the battery compartment screw on the bottom of the system and lift off the cover. Take care not to remove the batteries.
 5. Rotate the cover 180° and reattach it.
 6. Align the two screws with the keyholes on the bottom of the system. Slide the system down onto the screws to secure it to the wall.





OPERATION

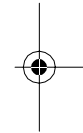


RECEIVING CALLS

Caller ID is a service provided by your telephone company. When you subscribe to this service, the telephone company sends the caller's telephone number (and name, if available) and the call's date and time between the first and second rings. The system receives and displays this information for each call and updates the display with the current date and time. The display also shows if caller information is not available or if the number is blocked by the sender (see "Displayed Call Information" on Page 21).



CALL flashes during a new incoming call, the LINE indicator flashes, and the call record shows for 20 seconds, then the number of new calls and **NEW CALL** appear. The LINE indicator shows which line the call came in on and flashes until you review a call (see "Reviewing Call Records" on Page 19).



Note: If you have a phone that has a hold feature, we do not recommend using hold for very long. The Caller ID information sent by the phone company might disconnect a caller on hold if a new call comes in.

If you have voice-mail message waiting (if you subscribe to the telephone company's message waiting service), **NEW CALL** and **MESSAGE WAITING** appear on the display. **MESSAGE WAITING** remains on the display until you retrieve the message.



In some areas, callers have the option of blocking the sending of their Caller ID information. When a caller has blocked Caller ID, the system displays **PRIVATE CALL** instead of the call information.

REVIEWING CALL RECORDS



Each time you receive a call, your system saves a call record in memory that you can review later, even while you are on the phone. Your system saves up to 64 call records for each connected phone line, then (for subsequent calls) it replaces the oldest call record with each new one.

A stored call record includes:

- Call number (order the call is received)
- Time and date of the call
- Caller's telephone number (if available)
- Caller's name (if available)

Note: The display shows up to 10 digits of the phone number. If the incoming phone number is longer than 10 digits, the display shows only the last 10 digits.

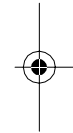


To review the call information, set **L1/L2** to the line you want to review. Repeatedly press **REVIEW**  to see the most recent call records or  **REVIEW** to see older call records.

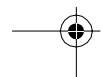


Notes:

- -- **END** -- appears after the last call record.
- When reviewing call records or using any other function, the system returns to the current date and time about 20 seconds after you last press a key.



20



Displayed Call Information

The system can display the following information:

Display (English, French, Spanish)	Description
NEW CALL XX (all languages)	Appears before you review a new call record. xx is the number of new calls.
-PRIVATE CALL- APPEL PERSONNE L LLAMADA PRIVAD A	The caller has blocked the Caller ID information from being sent.
--END-- --FIN-- --FIN--	Appears when you reach the end of your call records. Press the other REVIEW key to see them again.
----ERROR----- ----ERREUR----- ----ERROR-----	Appears if the Caller ID information was garbled, or if there was an error during the transmission of Caller ID information. - appears in the call record where the data is lost.
NO CALLS AUCUN APPELS NO LLAMADAS	Appears when you press a REVIEW key if there are no call records in the system's memory.
MESSAGE WAITING MES. EN ATTENTE MENSAJE ESPERA	Appears when a message is waiting (if you subscribe to your phone company's message waiting service).

Display (English, French, Spanish)	Description
-OUT OF AREA- -HORS ZONE- -FUERA DE AREA-	Appears if the caller is not within a Caller ID service area. No caller information appears.
PICKUP PHONE DECROCHEZ LEVANTAR TEL	Appears after the system dials a number when you press CALLBACK .

DELETING CALL RECORDS

Deleting a Single Call

1. Repeatedly press either **REVIEW** key until the call record you want to delete appears.
2. Hold down **READ/DELETE** until **--END--** appears.

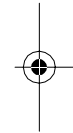
Deleting All Calls

Set **L1/L2** to the desired line. At the time/date display, hold down **READ/DELETE** until the system beeps and **NO CALLS** appears showing that all old call records have been deleted, then the time/date display reappears. The system saves any call records that have not been reviewed.



USING CALLBACK

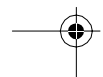
To dial the phone number in the last (or currently) displayed call record, press **CALLBACK**. As the system dials the number, **DIALING** and the phone number appear, then **PICKUP PHONE** appears.



To complete the call, pick up the phone within 4 seconds after you see **PICKUP PHONE**. If you do not pick up the phone within 4 seconds, **PICKUP PHONE** disappears and the system does not complete the call. Press **CALLBACK** again to redial the number.

Notes:

- The system cannot dial a number if the Caller ID record contains only the name.
- If the call's area code matches the area code you stored in the system, the system does not dial the area code.

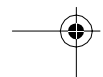
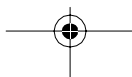
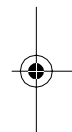




-
- If the phone number's area code does not match the area code you stored, the system automatically dials a 1 before dialing the phone number.

If the phone number's area code does not match the area code you stored, but a 1 is not required, press **CALLBACK** twice.

- If you did not store an area code while installing the batteries, the system displays **PLEASE SETUP, SET LANGUAGE**, then **ENGLISH**. Follow Steps 7–10 under “Installing Batteries/Setup” on Page 8 to store the area code, then press **CALLBACK**.



CARE AND MAINTENANCE

Your RadioShack System 2100 2-Line Caller ID with 64-Call Memory is an example of superior design and craftsmanship. The following suggestions will help you care for the System 2100 so you can enjoy it for years.



Keep the System 2100 dry. If it gets wet, wipe it dry immediately. Liquids can contain minerals that corrode electronic circuits.



Use and store the System 2100 only in normal temperature environments. Temperature extremes can shorten the life of electronic devices, damage batteries, and distort or melt plastic parts.



Handle the System 2100 gently and carefully. Dropping it can damage the circuit boards and can cause the System 2100 to work improperly.



Wipe the System 2100 with a damp cloth occasionally to keep it looking new. Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the System 2100.

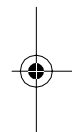


Modifying or tampering with the System 2100's internal components can cause a malfunction and might invalidate its warranty and void your FCC authorization to operate it. If your System 2100 is not performing as it should, take it to your local RadioShack store for assistance. If the trouble is harming the telephone lines, the telephone company might ask you to disconnect the System 2100 until you have resolved the problem.

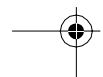
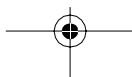
LIGHTNING

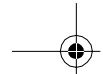


This system has built-in protection circuits to reduce the risk of damage from surges in telephone line and power line current. These protection circuits meet or exceed the FCC requirements. However, lightning striking the telephone or power lines can damage your telephone.



Lightning damage is not common. Nevertheless, if you live in an area that has severe electrical storms, we suggest that you unplug the System 2100 during storms to reduce the possibility of damage.





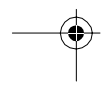
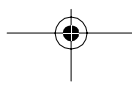
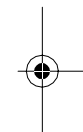
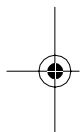
Limited One-Year Warranty

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.

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.

(Continued)





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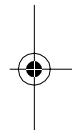
This warranty does not cover: (a) damage or failure caused by or attributable to acts of God, abuse, accident, misuse, improper or abnormal usage, failure to follow instructions, improper installation or maintenance, alteration, lightning or other incidence of excess voltage or current; (b) any repairs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

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

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