RadioShack
www.radioshack.com℠

CID 2903 Caller ID

with Call Waiting

43-2903
Owner's Manual
Please read before using this equipment.

❏ *Contents*

☐ *Important Information*

To use this Caller ID (CID), 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 of the following options are generally available:

- caller's number only

- caller's name only

- caller's name and number

Your CID displays the caller's name only if that option is available in your area. The actual number of Caller ID records your CID will store depends on the amount of Caller ID information sent by the phone company.

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

FCC INFORMATION

We have designed your CID to conform to federal regulations, and you can connect it to most telephone lines. However, each CID (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 on the bottom of the Caller ID.

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 (three in rural areas), your telephone might not ring. If ringer operation is impaired, remove a device from the line.

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

Note: You must not connect your CID to:

- coin-operated systems

- party-line systems

- most electronic key telephone systems

In the unlikely event that your CID causes problems on the phone line, the phone company can temporarily disconnect 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 CID. The phone company notifies you of these changes in advance, so you can take the necessary steps to prevent interruption of your telephone service.

THE FCC WANTS YOU TO KNOW

This CID 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 TV or radio's 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.

Contact your local RadioShack store if the problem continues.

LIGHTNING

Your CID 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 FCC requirements. However, lightning striking the phone line can damage your CID.

Lightning damage is not common. Nevertheless, if you live in an area that has severe electrical storms, we suggest you unplug your CID when storms approach to reduce the possibility of damage.

☐ *Features*

Your RadioShack CID 2903 Caller ID
(CID) is the latest in telephone
technology. The CID displays the caller's
telephone number (and name, if available
in your area) and the current date and
time, as provided by your local phone
company to Caller ID service subscribers.
(The date and time are set with your first
incoming Caller ID call.)

Your Caller ID stores and displays up to
80 single (number only) or multiple (name
and number) Caller ID records, and
includes these features:

Call Waiting Caller ID — displays
information about an incoming call while
you are on the phone.

Callback — lets you call back a number
stored in the CID.

New Call Indicator — lets you know
when new calls are recorded.

Multiple Extension Capacity — lets you
connect more than one CID to the same
phone line.

Call Waiting Indicator — displays the Caller ID information for Call Waiting calls.

Call Summary — displays the number of calls you received.

Message Waiting — displays when you have 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. Check with your telephone company for the type of service you have.

VIP Call List — lets you save up to 10 caller ID records in a VIP list, and sounds an alert tone when any of those callers call.

Contrast Control — lets you adjust the display contrast for the best readability.

Low Battery Indicator — lets you know when it is time to replace the batteries.

Delete — lets you erase Caller ID records one at a time or all at once.

❒ *Preparation*

INSTALLING BATTERIES/ SETUP

Your CID requires four AAA batteries (not supplied) to protect its memory when AC power fails or is disconnected. For the longest life and best performance, we recommend RadioShack alkaline batteries.

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 program the CID.

Caution: To avoid electrical shock, make sure the CID is unplugged from the telephone line and AC power before removing the battery compartment cover.

When replacing the batteries, make sure the CID is unplugged from the telephone line and AC power, and unplug both modular line cords from the back of the CID.

Note: When replacing the batteries, have fresh ones on hand before you begin. If you do not install the new batteries within 2 minutes after removing the old ones, you will lose the time, date, and area code stored in the CID. (The Caller ID information, however, remains stored in the CID's memory.)

1. Use a Phillips screwdriver to remove the screw from the battery compart-ment cover, then slide off the cover.

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

3. Turn the CID over so you can see the display. After you install the batteries, *SET AREA CODE* and *000* appears. The first *0* flashes.

4. Within 2 minutes, repeatedly press **REVIEW ▲** until the first digit of your area code appears, then press

REVIEW ▼ to set the digit. The second *0* flashes.

Notes:

- If you make a mistake while setting the area code, press **DELETE**. The cursor moves to the previous digit of the area code. Then repeat Step 4 to reset the area code.

- If you do not press any key within 2 minutes in this step or Step 5, the CID automatically sets the area code to 000. If this happens, press and hold **REVIEW** ▲ and ▼ simultaneously until *SET AREA CODE* appears. Then reset the area code.

- To select another area code, press and hold **REVIEW** ▲ and ▼ simultaneously until *SET AREA CODE* appears.

5. Repeat Step 4 to set the second and third digits of your area code.

6. When you set the area code's last digit, press **REVIEW** ▼, the CID beeps once and *12:00AM 1/01* appears.

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7. Close the cover and secure it with the screw.

When *BAT. LOW* flashes or the display dims, replace the batteries.

Warning: Dispose of dead batteries promptly and properly; do not bury or burn them.

Caution: Always remove old or weak batteries. Batteries can leak chemicals that can damage your CID.

Note: If you replaced the batteries, reconnect the phone line, AC adapter, and the phone.

CONNECTING AC POWER

Cautions:

You must use a Class 2 power source that supplies 9V DC and delivers at least 200 mA. Its center tip must be set to negative and its plug must fit the CID's **DC9V 200mA** jack. The supplied adapter meets these specifications. Using an adapter that does not meet these specifications could damage the CID or the adapter.

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

To power the CID, plug the supplied AC adapter's barrel plug into the **DC9V 200mA** jack on the back of the CID. Then connect the other end of the adapter to a standard AC outlet.

CONNECTING THE CID

The CID connects to any modular phone jack and your phone. You can also connect it to an answering machine.

Connecting to a Single-Line Phone

1. Disconnect the telephone line cord from the phone and plug it into the CID's **LINE** jack.

2. Plug one end of the supplied line cord into the CID's **PHONE** jack.

3. Plug the other end of the cord into the phone's jack.

Connecting to an Answering Machine

1. Disconnect the phone line cord from the answering machine's jack. Then plug it into the CID's **LINE** jack.

2. Plug one end of the supplied line cord into the CID's **PHONE** jack.

3. Plug the cord's other end into the answering machine's jack.

4. Set your answering machine to answer after two or more rings (see "Receiving and Storing Calls" on Page 17).

    Two or more rings gives the CID time to record the call information that the phone company sends between the first and second rings.

    Note: If you subscribe to Call Waiting service with your telephone company and you receive a new Call Waiting call while your answering machine is recording another call at the same time, the Call Waiting information sent by the phone company will disconnect the recording.

MOUNTING THE CID

You can place the CID directly on a flat surface with the supplied stand. Or, you can mount it on a wall.

Follow these steps to mount the CID on a wall.
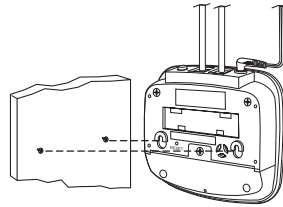
1. Turn the CID over, then press in the upper tabs and remove the stand.

2. Select a location near the phone line jack and mark the mounting screw locations $2^3/_4$ inch (69 mm) apart on the wall.

3. Drill two $1/_8$-inch (3.5 mm) holes in the wall at the marked locations.

4. Thread a screw into each hole until the head extends $1/_8$-inch (3.5 mm) from the wall.

5. Align the two screws with the keyholes on the bottom of the CID. Slide the CID down onto the screws to secure it.

ADJUSTING THE DISPLAY CONTRAST

Your CID has four display contrast settings. To lighten or darken the display, repeatedly press **CONTRAST** on the back of the CID. *CONTRAST* and the level *1*, *2*, *3*, or *4* briefly appear.

☐ *Operation*

RECEIVING AND STORING 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 CID 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 20). Your CID saves up to 80 call records, then replaces the oldest call record with each new one.

The indicator displays during an incoming call, and *NEW CALL(S)* appears. The Caller ID record appears for about 20 seconds, then the Caller ID and new Caller ID record totals appear.

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 subscribe to your phone company's message waiting service and you have a message(s) waiting, the indicator and *MSG WAITING* flash slowly. This remains until you retrieve the message.

If you are using the telephone when a new call comes in and you subscribe to Call Waiting service with your telephone company, *CALL WAITING* and the indicator

flash, indicating that a new call is being received.

If the indicator displays while the phone is ringing and you see *PRIVATE CALLER*, the caller is blocking their name and telephone number from being sent.

If you receive more than one call from the same phone number, *REPEAT CALL* counter and the number of calls appear.

If your phone company sends information indicating that the incoming call is long distance, *LONG DIST. CALL* appears.

REVIEWING CALL RECORDS

Each time you receive a call, the CID saves a call record in memory that you can see while you are on the phone or review later. Each call record includes the time and date of the call, the call number (order the call is received), the caller's telephone number, and the caller's name (if available).

To scroll through the call records, repeatedly press **REVIEW** ▲ or ▼ .

Notes:

- If no call information is stored, *NO CALLS* appears when you press **REVIEW** ▲ or ▼.

- If you do not press a button within 20 seconds, the CID automatically returns to the time and date display.

- After you review all calls, *END OF LIST* appears. Press **REVIEW** ▲ or ▼ to view the calls again.

DISPLAYED CALL INFORMATION

Display	Description
XX TOTAL NEW XX	Appears as new calls are received. XX is the number of total calls and new calls.
CALL WAITING	Appears when a new call comes in while you are using the phone. The indicator flashes.
PRIVATE NAME	Appears when the caller blocked the name from being sent.

Display	Description
PRIVATE CALL	Appears when the caller blocked the number from being sent.
PRIVATE CALLER	Appears when the caller blocked their name and number from being sent.
END OF LIST	Appears when you have reached the end of your call records. Press **REVIEW** ▲ or ▼ to view the calls again.
UNKNOWN CALL	Appears when the caller is not within a CID service area. The number is unknown.
UNKNOWN CALLER	Appears when caller is not within a Caller ID service area. No caller name and number appear.
UNKNOWN NAME	Appears when the caller is not within a Caller ID service area. Only the number appears but the name is unknown.

Display	Description
NO CALLS	Appears when there are no records in the CID's memory.
MSG WAITING	Appears when a message is waiting (if you subscribe to your phone company's message waiting service).
SET AREA CODE	Prompts you to set the area code (see "Installing Batteries/Setup" on Page 10).
LONG DIST. CALL	Appears when phone company sends the information indicating that the incoming call is long distance.
CALL FORWARD	Appears when a call is forwarded from a number that is set up to forward all calls.
DIAL MENU	Appears after you press **CALLBACK**, flashes alternately with *USE REVIEW KEY* (see "Using Callback" on Page 24).

Display	Description
USE REVIEW KEY	Appears after you press **CALLBACK**, and flashes alternately with *DIAL MENU*.
DIALING	Appears when you press **CALLBACK** and the CID is dialing a Caller ID record.
PICK UP PHONE	Appears after the CID dials a number when you press **CALLBACK**.
ERROR	Appears if the Caller ID information is garbled, or if there was an error during the transmission of Caller ID information.

DELETING CID RECORDS

Deleting Individual CID Records

Note: This procedure does not delete VIP and message waiting call records. See "VIP Call List" on Page 26.

Follow these steps to delete individual CID records.

1. Repeatedly press **REVIEW** ▲ or ▼ until you see the call record you want to delete.

2. Press **DELETE** twice. The CID deletes that record and automatically renumbers the remaining call records. After 20 seconds, the time and date appear.

Deleting All CID Records

To delete all Caller ID records, wait until the CID shows the clock display, then hold down **DELETE**. *ERASE ALL* flashes, then the CID beeps once and returns to the normal time display.

USING CALLBACK

You can quickly dial a Caller ID number by simply pressing **CALLBACK**.

Note: You must store your home area code in order to use the callback feature (see "Installing Batteries/Setup" on Page 10). If the call came from your home area code, the Caller ID record shows only the seven-digit number (without an area code).

If the phone number's area code matches the area code you stored, the CID provides you four dialing patterns.

- 8-digit number (1 plus the phone number)

- 10-digit number (area code plus the phone number)

- 11-digit number (1 plus the area code plus the phone number)

- 7-digit number

If the phone number's area code does not match the area code you stored, you can select to dial or not to dial 1 before the phone number.

Follow these steps to dial a number from a Caller ID record.

1. Repeatedly press **REVIEW** ▲ or ▼ to select the desired Caller ID record.

   If the displayed phone number matches your phone system's dialing pattern, press **CALLBACK** twice.

   If the phone number does not match your phone system's dialing pattern, follow Steps 2–4.

2. Press **CALLBACK**. *DIALING MENU* and *USE REVIEW KEY* alternately flash on the display.

3. Repeatedly press **REVIEW** ▲ or ▼ to select the desired dialing patterns.

4. Press **CALLBACK**. *DIALING* and the phone number appear. After the CID dials the number, *PICK UP PHONE* appears.

5. To complete the call, pick up the phone within 10 seconds after you see *PICK UP PHONE*. If you do not pick up the phone within 10 seconds, *PICK UP PHONE* disappears and the CID does not complete the call.

Note: If you did not store an area code after installing the batteries, the CID displays *SET AREA CODE 000*, and the first *0* flashes. See "Installing Batteries/Setup" on Page 10 to store the area code. Then press **CALLBACK** to dial the number.

VIP CALL LIST

The CID lets you save up to 10 call records in its VIP call list. Then, when you receive a call from a number matching one stored in a VIP call record, the CID

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sounds 2 quick beeps each time the phone rings until you answer the call. Also, the CID protects VIP call records so you cannot delete them by mistake.

Note: To delete a VIP call record, you must first unmark it using the steps in "Unmarking a VIP Call Record" on Page 28 then delete it using the steps in "Deleting Individual CID Records" on Page 23.

Marking a VIP Call Record

Repeatedly press **REVIEW** ▲ or ▼ until you see the call record you want to mark as a VIP call.

Hold down **CALLBACK** until *PRIORITY CALL* appears. The CID beeps once and marks the call record as a VIP record.

Notes:

- As you press **REVIEW** ▲ or ▼ to review stored records, *PRIORITY CALL* appears on each record marked as a VIP call record.

- If the CID's VIP memory is full (10 VIP call records are already stored), the CID beeps three times when you hold down **CALLBACK**. To store

another VIP call record, you must first delete an existing one.

To review VIP call records, repeatedly press **REVIEW** ▲ or ▼ . The call records appear in the order you entered them.

Unmarking a VIP Call Record

Repeatedly press **REVIEW** ▲ or ▼ until you see the VIP call record you want to unmark.

Hold down **CALLBACK** until *PRIORITY CALL* disappears. The CID beeps once and unmarks the call record.

❒ *Troubleshooting*

If your CID stops operating properly, these suggestions might help.

Problem	Suggestion
Display is blank.	Make sure the batteries are correctly installed and the AC adapter is plugged in.
	Adjust the contrast (see "Adjusting the Display Contrast" on Page 17).
You have an incoming call, but do not receive any Caller ID information.	You answered the call before the CID received the call information. Wait until your phone rings at least once before answering a call.
	Be sure that the CID is correctly and securely connected.
	Call your phone company to verify that your Caller ID service is active.

CARE

Keep the CID dry; if it gets wet, wipe it dry immediately. Use and store the CID only in normal temperature environments. Handle the CID carefully; do not drop it. Keep the CID away from dust and dirt, and wipe it with a damp cloth occasionally to keep it looking new.

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

❒ Notes

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