



USER'S MANUAL

Wireless Remote Receiver

Model CA-RX

(For The **CentralAlert™** CA-360 Wireless Notification System)



Model
CA-RX

Operating Guide

Thank you for purchasing this product, please read before use

(Keep this manual for future reference)

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1. **General**

Model CA-RX is a wireless remote receiver for the **CentralAlert™** Model CA-360 Wireless Notification System. It is used to expand coverage area in a larger home or office. It is ideal for use in the kitchen, study, living-room, or bathroom. This device provides the same alerting outputs as CA-360 (shaker output jack, flasher, speaker, and icons).

This device must be registered before it can be recognized.

Model CA-RX can also be used as a stand alone system when paired with other CentraAlert accessories. See Application 2 on Page 11.

2. **Important Safety Instructions:**

In order to reduce the risk of fire, electric shock or injury to persons while using CA-RX, basic safety precautions should always be followed, including the following:

1. Read all instructions before using appliance.
2. Do not mount or place Master- Unit on a metal surface
3. This product uses rechargeable batteries. Do not use non-rechargeable batteries as charging of this type can cause battery leakage.

4. To reduce injury risk, close supervision is necessary when appliance is used near children.
5. Do not contact moving parts or exposed metal surfaces.
6. Only use attachments recommended/sold by the manufacturer.
7. Do not use outdoors. Do not use near water.
8. Do not unplug the unit by pulling the cord - grasp plug, not cord.
9. Unplug unit from outlet when not in use/before servicing or cleaning.
10. Do not operate an appliance with a damaged cord or plug; do not operate any appliance after it malfunctions, is dropped or damaged in any manner. Return appliance to nearest authorized service facility for examination, repair, or electrical/mechanical adjustment.
11. Specifications of this product are subject to change without notice.

3. Package Content:





1. **CentralAlert™** Model CA-RX
2. Switching AC adapter (5 VDC 600 -1000 ma output; 100 to 240 VAC input)
3. This manual.

4. Installation and Test:

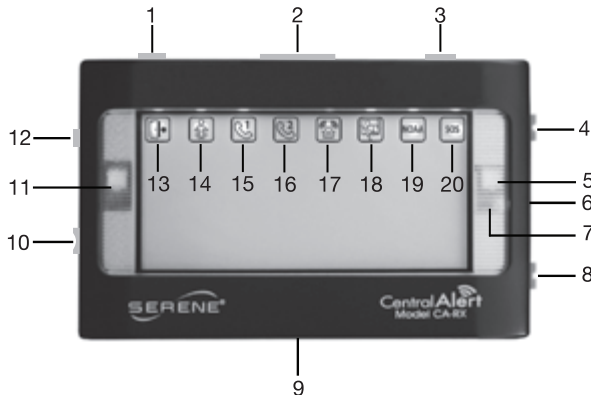
1. Plug AC adapter into nearest electrical outlet and connect adapter plug output to CA-RX.
2. Install three AA size rechargeable NiMH batteries (user provided) and let them charge for ~10 hours before use.

Note: Do not use regular alkaline batteries, they will damage unit and void warranty.



3. Set  switch  to **HI**; set **POWER** switch  to **ON**.
4. Set **FLASHER-SHAKER-ALL** switch  to **“ALL”** position and plug in an optional bed shaker (user provided)
5. Press **SOS** to do a quick test. Verify all alerting outputs are activated for 45 seconds. (press **RESET/RECALL** to reset).

5. Detailed Features and Controls



- | | |
|---|--|
| 1. POWER ON / OFF switch | 6. AC adapter input jack |
| 2. RESET / RECALL button
(Press to reset; hold for 3
sec to recall last activation) | 7. POWER ON/OFF indicator
(Blinking means battery is low) |
| 3. SOS button (Press to page
other receivers for help) | 8. SPEAKER volume switch
(HI – LO – OFF) |
| 4. FLASHER-SHAKER-ALL
switch (Select various
output option) | 9. BATTERY Compartment
(rear) |
| 5. FLASHER A (Also doubles
as flashlight) | 10. MOTION SENSOR ON/OFF
(Arm-disarm motion sensor
icon) |
| | 11. FLASHER B |

12. SHAKER output jack
(For optional bed shaker)
13. DOOR icon (Someone is at the door)
14. BABY icon (Baby is crying)
15. PHONE 1 icon (Phone ringing)
16. PHONE 2 icon (Phone or mobile phone ringing)
17. AUDIO SENSOR icon (An audio alarm is activated)
18. MOTION SENSOR icon
(Motion sensor is activated)
19. NOAA Weather Alert icon
(A weather alert is detected)
20. SOS icon (Someone is paging for help)

6. Turn on the flashlight

The flasher on Model CA-RX doubles as a flashlight.

1. Press **RESET/RECALL** once to turn it ON.
2. Press it again to turn it OFF.

7. Recall the last activated icon

Model CA-RX has a built-in recall feature that allows the user to recall and review the last activated icon.

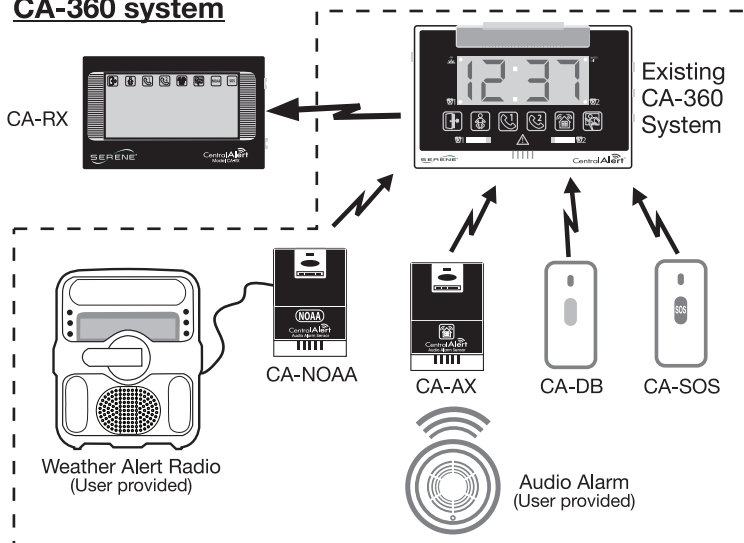
1. Press and hold **RESET/RECALL** for 3 second recalls the last triggered icon for 45 seconds. (Flasher is OFF in recall mode).
2. Press it again to reset.

8. Clear the internal memory of Model CA-RX for registration

If you can not register CA-RX to CA-360 after a couple of tries, the internal memory of CA-RX may need to be cleared before trying again.

1. Press and release **SOS** 18 times in quick successions until you hear a beep - indicating its memory is cleared.
2. Try again by following the registration procedures listed in Application 1 below.

9. Application 1: Adding Model CA-RX to a Model CA-360 system

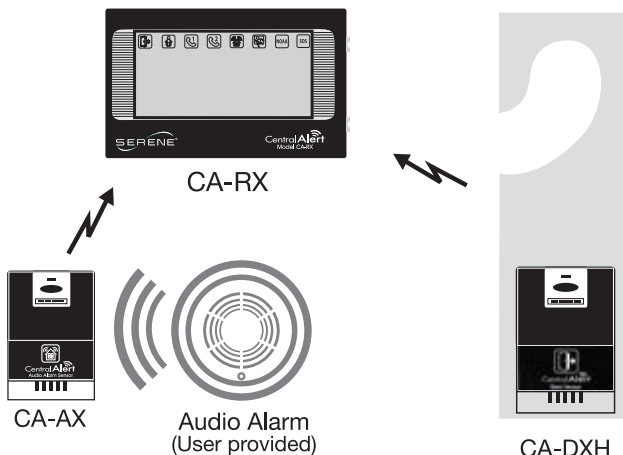


This is a typical application for adding a CA-RX remote receiver to a CA-360 system in order to improve user convenience and coverage area.

Each CA-RX must be registered to CA-360 before it can be recognized. (Note: Up to 10 CA-RX may be added).

1. With Model CA-360 in its normal clock mode (**RUN** position), press and hold its **SOS / TEST** for 6 seconds until it beeps. Its digital display shows “**LEAR**” indicating it is ready to learn or register a new device.
2. Press and hold **SOS** on CA-RX for about 6-seconds until CA-360 beeps twice - confirming registration is successful. (Note: all icons on CA-RX become active while in registration).
3. Press reset button on both unit to end the learn process.
4. Press **SOS** button on CA-RX for a quick test.
This should activate all alert outputs of both units. Press **RESET/RECALL** to stop.
5. Activate a doorbell or any other previously registered accessory. Verify that all alerting outputs of both units are activated for 45 seconds or until reset.
6. They are now ready and will communicate with each other whenever a wireless signal is detected (doorbell, audio sensor, SOS, etc.).



10. Application 2: Set up Model CA-RX as a stand-alone system



Application 2 demonstrates how a simple wireless notification system can be created using CA-RX. It notifies you when someone is at the door, or if an audio alarm is activated. The entire system is compact, light weight and is ideal for travelling use.

This simple system comprises of a remote receiver (CA-RX), a door-knock sensor with door hanger (CA-DXH), and an audio sensor (CA-AX).

(Note: Model CA-DXH is a standard door knock sensor mounted on a plastic door hanger. This combination is designed to hanging on the interior handle of a door knob for detecting door knocking. Since no metal mounting clip is visible from hotel hallway, the use of CA-DXH will not reveal that guest is hard-of-hearing. It is perfect for use on hotel or dormitory door where a temporary installation is preferred.)

1. Install batteries in all units. Slide power switch to ON.
2. Press and release **SOS** on CA-RX 18 times in quick successions until it beeps. This clears its memory for registration.
3. Press and hold both **RESET/RECALL** and **SOS** for about 6 second until it beeps. All icon indicators should become active - indicating it is ready to register accessories.
4. Press and hold the test button  on CA-AX (audio sensor) for about 6 seconds until CA-RX beeps twice. This confirms successful registration.
5. Repeat Step 4 above with CA-DXH.
6. Press **RESET/RECALL** to end registration process.
7. Activate the test button  on both accessories. Verify both icons are activated on CA-RX.
8. Verify flasher, speaker, and shaker (optional) are active for 45 seconds or until reset.
9. System is ready.

11. Technical Specifications

1. Technology: 2.4 Ghz Smart Code
2. Bed-shaker output jack: 5vdc, 150 ma
3. Back-up batteries: 3 AA size NiMH batteries (user provided); 48 hours backup
4. DC input: 5vdc, 600 - 1000 ma
5. Switching adapter input: 100 -240VAC, 50 /60 Hz
6. Operating temp: 10 to 35° C
7. Storage temp: -10 to 40° C
8. Size: 4 5/8 x 2 7/8 x 1
9. Weight: 5 oz.

12. FAQ

1. Can I use regular or alkaline batteries in CA-RX?
A: NO! The charging circuit in CA-RX will cause regular or alkaline batteries to leak and damage the product.
2. What is the battery back up time?
A: A fully charged batteries can last~48 hours.
3. I can not register CA-RX to Model CA-360. What should I do?
A: Press and release **SOS** on CA-RX 18 times in quick succession to clear its memory and try again.
4. How far can CA-RX located from CA-360?
A: Approximately 200 ft in open space (metals inside a wall can reduce this distance).

5. What is the maximum distance between accessories and CA-RX?

A: About 200 ft in open space also.

6. Can I place CA-RX next to my Wi-Fi router?

A: No, please keep all other electronic equipments at least 5 ft away.

7. How many accessory devices can CA-RX handle?

A: It can handle the same number of accessories as Model CA-360.

13. Accessories For Models CA-360 and CA-RX:

Model CA-AX: A wireless audio alarm sound monitor

Model CA-BX: A real-time wireless baby-crying sound monitor

Model CA-CX: A wireless cell-phone ringing detector

Model CA-DB: An wireless door-bell unit

Model CA-DX: A wireless door knocking sensor

Model CA-DXH: A Wireless door knocking sensor with plastic door hanger

Model CA-LX: An external lamp module allowing CentralAlert™ to control a 100 watt desk lamp

Model CA-MX: A wireless motion sensor to detect a person walking

- Model CA-NOAA: A wireless NOAA (weather alert) radio output monitor
- Model CA-PX: A compact personal receiver unit (with no clock display) that performs the same receiving and alerting functions as a CentralAlert™ unit.
- Model CA-RX: A CentralAlert™ remote unit that serves as a receiver to expand system coverage area
- Model CA-SOS: A wireless personal pendant for paging help.
- Model BS-100: An extra bed-shaker
- Model 4AA-BATT: A pack of four AA size NiMH rechargeable batteries.

14. Warranty Service Information

Your CentralAlert™ Model 360 Remote-Unit comes with one-year limited warranty. We warrant during this warranty period – from the date of purchase to the original consumer – the CentralAlert™ is free from defects in materials and workmanship under intended home use. In the event that CentralAlert™ fails to function properly within one year of the original purchase, due to defects in materials or workmanship, return the unit (freight prepaid) with proof of purchase (sales receipt or packing slip, no exceptions) to

Serene Innovations. Serene Innovations will either repair or replace the unit (with a refurbished unit or a unit of equal condition) and return it to you (using UPS/USPS ground shipping) at no cost to you, if the unit is returned within 30 days of purchase. If the unit is returned after 30 days of purchase, but within the warranty period, there will be a warranty handling charge of \$9.95 for each return.

Incidental or Consequential Damages: Neither Serene Innovations, Inc., nor the retailer, dealer, or selling distributor has any responsibility for any incidental or consequential damages, including, without limitation, commercial loss of profit, or for any incidental expense, loss of time, or inconvenience. Some states do not allow exclusion or limitation of incidental or consequential damage, so the above limitation or exclusion may not apply to you.

This warranty does not apply to any product that has been accidentally damaged, abused, misused or neglected, used on electrical frequency or voltage other than marked on product and/or described in manual. Defects or errors caused by unauthorized alterations, repairs, and/or tampering are also not covered by this warranty.

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

If a defect covered by this warranty should occur, promptly contact a Customer Care Representative by phone, or log onto www.sereneinnovations.com to obtain a Return

Authorization Number (RAN) and shipping instructions before shipping the product to us. Any shipment without a RAN will not be accepted and will be returned to you at your expense. Any authorized returned product must be accompanied by a proof of purchase and a brief explanation of the problem.

For out-of-warranty repair and service, please contact our Customer Care Department for instructions.

15. Part 15 of FCC Rules Information

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits of a Class B digital device, pursuant to Part 15 of FCC rules. These limits are designed to provide reasonable protection against harmful interference in residential installation.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, you may try one the following methods to correct the interference:

1. Where it can be done safely, re-orient the receiving television or radio antenna.
2. To the extent possible, relocate the television, radio, or other receiver, with respect to the CA-RX.
3. Connect the cordless phone AC adapter into a different electrical outlet.
4. Consult the dealer or an experienced radio/TV technician for help.

Modification:

Any modification not expressly approved by the manufacturer of this device could void the user's authority to operate the device.

Industry Canada Technical Specifications:

This Class B digital device complies with Canadian ICES-003 and other applicable Industry Canada technical specifications.



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