Serene Innovations CA-380 Kit

Includes these components:

- **CA-CX**
- **CA-PX**
- **BS-100**
- **CA-DB**

SERENE®

Central Alert™

Cell Phone Ringer/Flasher
(with USB Charging Port)

Operating Guide

Model
CA-CX

(cell phone not included.)

Thank you for purchasing this Model CA-CX Cell Phone Ringer/Flasher. Please read this operating guide very carefully before use and keep it for future reference. If you have any questions, please feel free to contact our Customer Care Department.
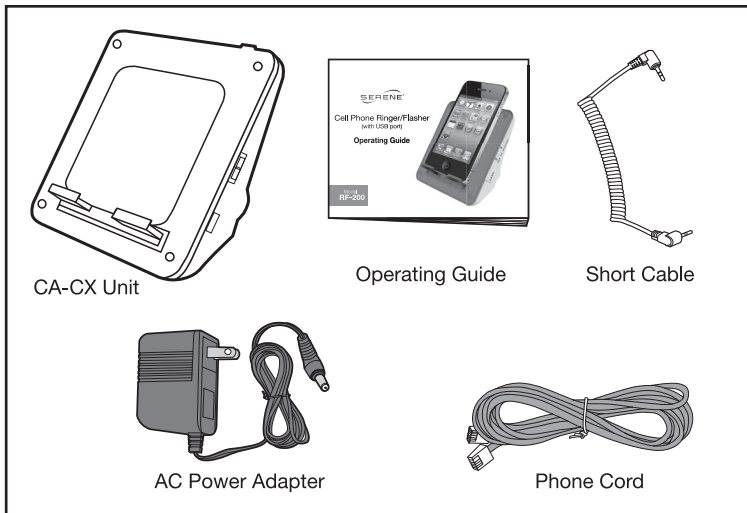
Toll-Free Help Line: 866.376.9271 (9AM-5PM PST, M-F)

IMPORTANT SAFETY INSTRUCTIONS:

Please read these instructions carefully before using this Cell Phone Ringer/Flasher.

1. To reduce the risk of injury, close supervision is necessary when this device is used near children.
2. Do not make contact with any moving parts or any exposed metal surface.
3. Only use attachments recommended or sold by the manufacturer.
4. To reduce risk of fire or electrical shock and for your safety, do not use this unit near water or expose it to rain or moisture or spill liquids on it, or into it.
5. Do not unplug by pulling on cord. To unplug, grasp the plug, not the cord.
6. Unplug from outlet when not in use and before servicing or cleaning.
7. Do not operate any device with a damaged cord or plug, or after the device malfunctions or is dropped or damaged in any manner. Return device to the nearest authorized service facility for examination, repair or electrical or mechanical adjustment.
8. Avoid using any product during an electrical storm. There may be a remote risk of electric shock from lightning.
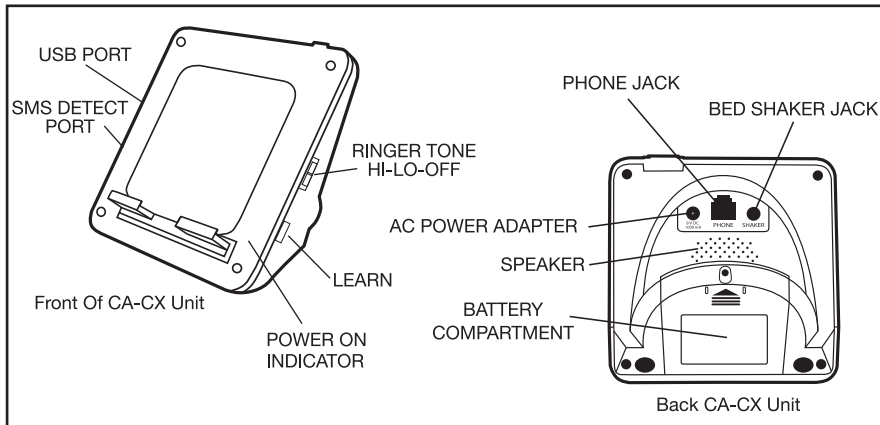
PACKAGE CONTENT CHECK:

Your Model CA-CX Cell Phone Ringer/Flasher is packaged with all of the items shown. If anything is missing, please contact our Customer Care Department immediately.
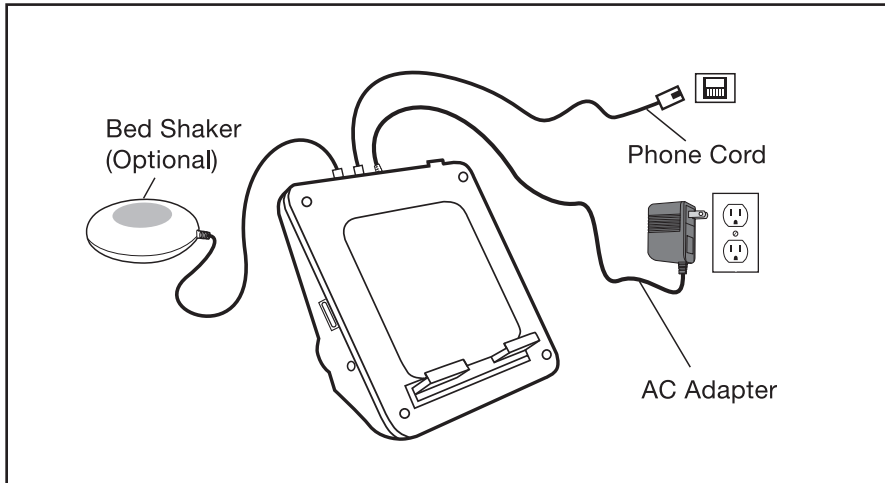
CA-CX Unit

Operating Guide

Short Cable

AC Power Adapter

Phone Cord

FACTORY PRESET:

Your CA-CX is preset with the Missed Call Indicator Light active.

FEATURE IDENTIFICATIONS:

USB PORT

SMS DETECT PORT

RINGER TONE HI-LO-OFF

Front Of CA-CX Unit

LEARN

POWER ON INDICATOR

PHONE JACK

BED SHAKER JACK

AC POWER ADAPTER

SPEAKER

BATTERY COMPARTMENT

Back CA-CX Unit
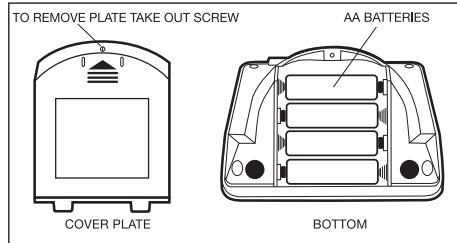
CONNECTION AND SET-UP:

The CA-CX should be placed only in a stable location and flat surface. (Example: table, countertop). Do not place CA-CX on any surface that vibrates. (Example: washing machine, dryer).

Bed Shaker (Optional)

Phone Cord

AC Adapter

INSTALL BATTERY BACK UP AS POWER BACK UP:

The CA-CX uses 4AA Alkaline non-rechargeable batteries (user provided), as shown, in case of a power outage.

Warning: For safety consideration, always disconnect phone cord to wall before changing batteries. Please dispose of used batteries properly, following any local regulations.

OPERATION:

Pairing the CA-CX to a CentralAlert(TM) Receiver (Model CA-360 Wireless Notification System or Model CA-RX Remote Receiver) :

1. Turn on the CA-CX and CA-360 or CA-RX.

2. Press and hold the SOS button on the CA-360 or CA-RX to enter LEARN mode.

3. Press and hold the LEARN button on the side of the CA-CX for 6-10 seconds until CA-360 or CA-RX beeps twice. CA-CX is now paired.

OPERATION (CONT.):
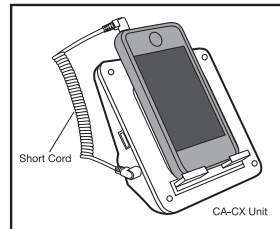
Cell Phone Call Alerts:

1. Set cell phone to "vibrate"(with or without ring tone) and place it on the CA-CX.
2. When your cell phone vibrates, the CA-CX will ring and flash in a clock-wise, rotating pattern.
3. Lift cell phone to answer and press **RESET** on CA-CX to reset.
4. If you did not answer or press reset, the flasher light will remain on to indicate that you have missed a call.

SMS Message, Skype™ and FaceTime™ Alerts:

Please Note: To use this feature, please select a long SMS text tone from your cell phone menu options. (Some phones may need to be set to "vibrate & ringtone" mode)

SMS Messages:

1. Connect the short cord (provided) with the small plug end (2.5mm) into the "SMS DETECT" jack and the larger plug end (3.5 mm) into the headset jack of your cell phone, as shown.

Short Cord

CA-CX Unit

OPERATION (CONT.):

2. When a text tone is detected, CA-CX will ring and flash. Lift cell phone to review. Press **RESET** on the CA-CX to reset.
3. If you did not answer, the flasher light will remain on to indicate that you have missed a call.

Setting Option For iPhone® : (Detect text vibration-eleminates need for short cord)

1. Customize a 3-seconds **ON** and a 1-seconds **OFF** vibration pattern on iPhone® [See: Setting---> Sounds---> Text Tone---> Vibration---> Create new vibration (3-seconds **ON** and 1-second **OFF**) and then save under a new vibration name].

2. Select the newly created vibration name as the default text vibration [See: Setting---> Sounds---> Text Tone---> Vibration---> New vibration name].

3. When a long text vibration is detected, lift cell-phone to review and press **"RESET"** button to clear the CA-CX light.

4. If you did not press **"RESET"**, CA-CX light will remain on to indicate that you have missed a call.

OPERATION (CONT.):

Setting Option For Android® Phones: (Detect text vibration - eleminates need for short cord)

1. Please download the free "Vybe" app from the Android Store.
2. Open "Vybe" App to customize a new vibration with a 3-seconds **ON** and a 1-second **OFF** pattern and save it with a new name.
3. From the "Vybe" drop-down menu, select this newly created vibration pattern as the default text setting.
4. When a long text vibration is detected, lift cell-phone to review and press **"RESET"** button to clear the CA-CX light.
5. If you did not press **"RESET"**, CA-CX light will remain on to indicate that you have missed a call

Skype™ and FaceTime™ Alerts:

1. Connect the short cord (included) from "SMS Detect" port to headset jack of your PC, laptop, or tablet.
2. When a call is detected, CA-CX will ring and flash.
3. Disconnect the short cord from headset jack to begin conversation.
4. Press **RESET** on the CA-CX to reset.
5. If you did not answer, the flasher light will remain on to indicate that you have missed a call.

OPERATION (CONT.):

Landline Call Alerts:

1. Plug your home phone cord into the phone jack on the back of the CA-CX.

2. When your landline rings, the CA-CX will ring and the top two lights will flash.

3. The ringer and flasher will stop when the call is answered, disconnected or forwarded to a voicemail or answered by an answering machine.

4. The missed call indicator light does not display for a landline call.

WEA* Alerts: (Wireless Emergency Alerts)

Cell phone service providers may broadcast government emergency alerts to mobile devices such as cell phones. Check with your cellphone service provider to confirm if they provide WEA alerts.

1. When a WEA alert is detected, the CA-CX will emit a unique ring and flash pattern. (Your cell phone service provider must provide WEA alerts.)

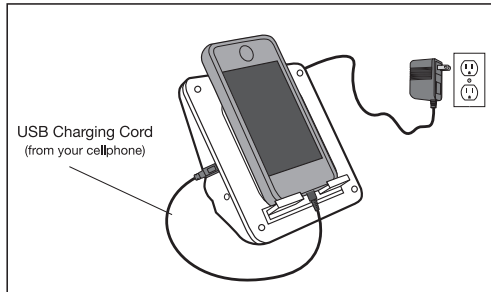2. Press **RESET** on the CA-CX to reset.

OPERATION (CONT.):

"Missed Call" Indicator Light For Cell-Phone And SMS Messages:

Your CA-CX is preset with the "Missed Call" Indicator light function activated. When the "Missed Call" function is active, the flasher will stay lit to alert you to a detected cell phone call or SMS message.

1. To deactivate this function, hold down the **RESET** button and **TEST** button together for three seconds. The CA-CX will emit three short beeps to confirm cancellation.

2. To reactivate this function, repeat Step 1. A single beep will confirm the reactivation.

Charging Your Cell Phone Using The Built-In USB Port

1. To conveniently charge your cell phone, connect your cell phone charging cord to the USB charging port on the CA-CX as shown. (AC adapter must be plugged in)

USB Charging Cord
(from your cellphone)

TROUBLESHOOTING:

SMS messages from my cell phone did not activate the CA-CX.

1. Confirm that your cellphone outputs a text tone on the headset jack.
2. Select the cell phone – SMS notification mode that utilizes a reasonably loud volume and long duration text tone.
3. Make sure the short cable is connected from the SMS Detect Port to your Cell Phone's headset jack.
4. For best result on iPhone® and Android® customize a long text vibration pattern.

CA-CX does not flash on a call

1. Make sure cell phone is centered on CA-CX holder
2. Select a long vibration pattern

CLEANING:

1. Use only a soft, dry cloth to clean this unit. Do not use any solvents, chemicals or cleaning solutions containing alcohol, ammonia or abrasives on this unit.

SPECIFICATIONS:
(final product may vary)

- Land Line Phone Ringing Signal: >40 vrms, 20 – 65 Hz

- USB Charge Port Output: 5VDC 650mA max (used with AC adapter only)

- Bed Shaker Output: 9VDC 300 mA max

- Input Voltage: 9VDC 1000 mA

- Dimensions: Approx. 116 mm x 85 mm x 90 mm H (W x D x H)

- Weight: Approx. 225 gm (0.5 lb. without batteries)

- Battery Backup: 4 x AA alkaline (not included)

- Battery Life: Up to 10 months (with typical usage)

- Operating Temperature: +10 to +40 C

WARRANTY SERVICE INFORMATION:

Your **CA-CX** comes with one-year limited warranty. We warrant during this warranty period – from the date of purchase to the original consumer – the **CA-CX** is free from defects in materials and workmanship under intended home use. In the event that **CA-CX** 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 US $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

WARRANTY SERVICE INFORMATION (CONT.):

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.

USER'S MANUAL
Wireless Vibrating Personal Receiver
Model CA-PX

(For The **CentralAlert™** CA-360

Wireless Notification System)

Operating Guide
Thank you for purchasing this product.
Please read before use.
(Keep this manual for future reference.)

Model
CA-PX

Table of Contents

Important Safety Instructions

Carefully read this manual before operating the product. Make sure you know how the unit functions and how it operates. Maintain the unit in accordance with the instructions to ensure it functions properly. Keep the instructions with the unit for reference by all users. These instructions, by themselves, do not completely eliminate all danger. Proper accident prevention measures must always be used.

1. Read these instructions in their entirety.
2. Keep these instructions for reference.
3. Be aware of all warnings.
4. Follow all instructions.
5. Do not use this device near water.
6. Clean only with a dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves or other apparatus (including amplifiers) that produce heat.
9. Protect the power cord from being walked on or pinched. Pay particular attention at plugs, convenience receptacles and the point where they exit from the device.
10. Only use attachments/accessories specified by the manufacturer.
11. Unplug this device during lightning storms or when unused for long periods of time.
12. Refer all servicing to qualified personnel. Servicing is required when the device has been damaged such as:
    - Power-supply cord or plug is damaged.
    - Liquid has been spilled.
    - Objects have fallen onto the device.
    - The device has been exposed to rain or moisture.
    - The device does not operate normally orhas been dropped.

WARNING:

- Do not place the unit on a surface that vibrates (e.g. dryer, washing machine, etc.). The unit should only be placed on flat non-vibrating surfaces (i.e. table, shelf, counter-tops etc.).
- Never place this equipment in an unstable location. The equipment may fall, causing serious personal injury or death. Many injuries, particularly to children, can be avoided by taking these simple precautions:
  - Using cabinets or stands recommended by the manufacturer of the equipment.
  - Only using furniture that can safely support the equipment.
  - Ensuring the equipment is not overhanging on the edge of the supporting furniture.
  - Not placing the equipment on tall furniture (i.e. cupboards or bookcases) without anchoring both the furniture and the equipment to a suitable support.
  - Not placing the equipment on cloth or other materials placed between the equipment and the supporting furniture.
  - Educating children about the dangers of climbing on furniture to reach the equipment. If you doubt your ability to safely mount our television or set up of the equipment, contact a professional installer for help.

WARNING:

- To reduce the risk of fire or electrical shock, do not expose this device to rain or moisture.
- Do not expose this device to dripping or splashing. Do not place objects filled with liquids, such as vases on or near this device. Liquids can cause a failure and/or a fire hazard. As with any electronic products, use care not to spill liquids into any part of the system.
- Do not place any open flame sources, such as lighted candles, on or near this device.
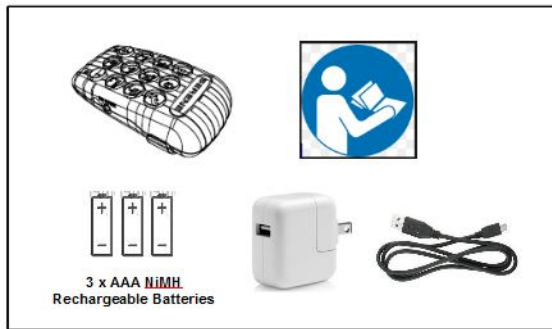
CAUTION: Make no modifications to the system or accessories. Unauthorized alterations may compromise safety, regulatory compliance, system performance and may void the warranty.

Package Content Check

Unpack and remove items from the box. Confirm all items are included before disposing of the shipping box.
Items included are:

1 – CA-PX Wireless Personal Vibrating
     Receiver with Belt Clip
1 – USB AC Adapter
1 – USB to MicroUSB Charging Cable
1 – User's Guide
3 – AAA NiMH Rechargeable batteries
     (inside battery compartment)

3 x AAA NiMH Rechargeable Batteries

Feature Identification

General Description

The CA-PX is a wireless vibrating personal receiver for the hard-of-hearing and deaf/blind users. It features a built-in shaker, speaker, flasher, and blinking icons for alert notification.

The CA-PX offers three (3) ways to identify different alerts: blinking icons, unique vibrations and tactile alert identification. It can be used as a stand-alone system or as part of the **CentralAlert™** CA-360 system. In either case, the CA-PX offers mobility freedom and 24/7 notification anywhere around the home.

Features

- A stand-alone vibrating receiver with its registered accessories or as part of the CA-360 Wireless Notification System.
- Built-in shaker, flasher, speaker output, and an output port to an optional bed-shaker.
- Three ways to identify different alerts: blinking icon, unique vibration patterns and tactile alert identification.
- Alert types include; land-line telephone ringing, mobile phone, door sensor, baby crying, audio, motion, NOAA and SOS.
- Last alert event recall function
- Unique vibration pattern training function – help user to recognize/learn different vibration patterns by feel
- Bright flasher can be used as flashlight
- Low Battery indicator
- Detect all nearby CA-AX audio sensor wireless signals (both registered and unregistered)
- Separate On-Off slide switches for Power and Speaker
- Able to send out SOS signal
- Optional external bed shaker for 100% notification while charging
- Reversible belt clip installation
- Battery (3 x AAA NiMH rechargeable)
- Compact, light-weight and reliable
- Simple to use
- One year warranty

Battery Installation and Charging

1. Turn Power switch to the OFF position. Pull to remove the battery tab to engage the pre-installed battery. If the tab breaks, remove the security screw and open the battery door to remove the tab. Close the battery door and re-apply the security screw.
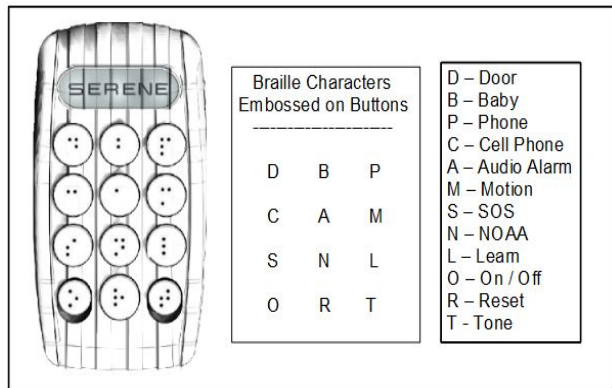
Note: Do not use regular alkaline or other non-rechargeable batteries, as they will damage the unit and void the warranty. For optimal performances, batteries should be replaced once every year.

2. Plug the AC adapter into the electrical outlet and connect the charging cable to the CA-PX. If this is the first time using the batteries, let the batteries charge for about 3-4 hours before use. Fully charged batteries can last 3-6 days depending on usage.
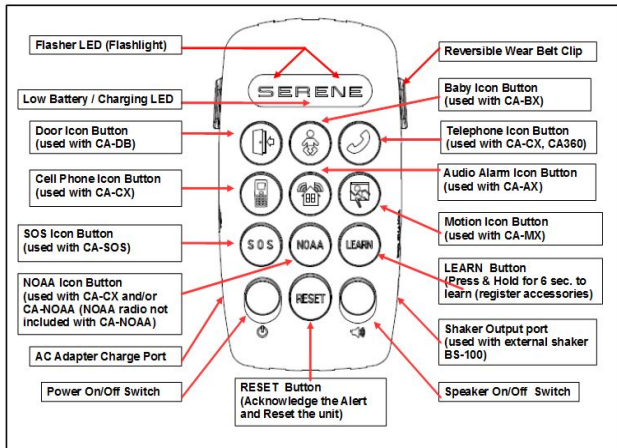
Note: CA-PX must be turned ON during charging

Product Description

Icon Buttons Braille Characters

Braille Characters Embossed on Buttons		
D	B	P
C	A	M
S	N	L
O	R	T

D – Door	
B – Baby	
P – Phone	
C – Cell Phone	
A – Audio Alarm	
M – Motion	
S – SOS	
N – NOAA	
L – Learn	
O – On / Off	
R – Reset	
T - Tone	

Icon Buttons Identification

- Flasher LED (Flashlight)
- Low Battery / Charging LED
- Door Icon Button (used with CA-DB)
- Cell Phone Icon Button (used with CA-CX)
- SOS Icon Button (used with CA-SOS)
- NOAA Icon Button (used with CA-CX and/or CA-NOAA (NOAA radio not included with CA-NOAA)
- AC Adapter Charge Port
- Power On/Off Switch
- Reversible Wear Belt Clip
- Baby Icon Button (used with CA-BX)
- Telephone Icon Button (used with CA-CX, CA360)
- Audio Alarm Icon Button (used with CA-AX)
- Motion Icon Button (used with CA-MX)
- LEARN Button (Press & Hold for 6 sec. to learn (register accessories)
- Shaker Output port (used with external shaker BS-100)
- RESET Button (Acknowledge the Alert and Reset the unit)
- Speaker On/Off Switch

Connection and Setup

CA-PX applications

The CA-PX provides four (4) types of alerting outputs: speaker, flasher, blinking icons and vibrations. The CA-PX is ready to use right out of the box. New sensor accessories must be learned (or registered) to CA-PX before they can be recognized. When using the CA-PX as a stand alone receiver (without the CA-360 master unit), it can support as many accessory units as the CA-360.

1. Learning Accessories
CA-PX as a Stand-Alone Receiver

Example Application

This application demonstrates how a simple wireless notification system can be created using just one CA-PX as a receiver unit. It notifies you when someone is at the door or if an audio alarm is activated. The entire system is compact, light-weight and ideal for travel use.
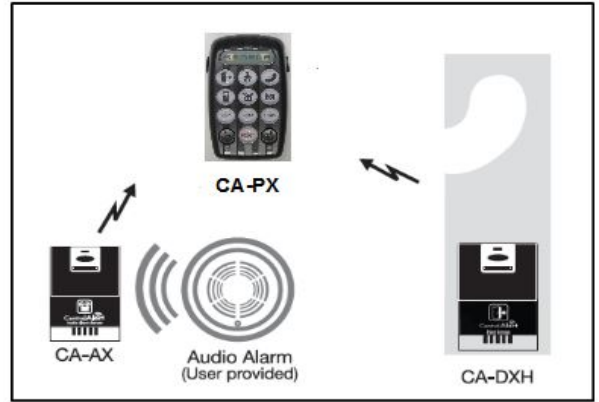
The example below shows a simple system comprised of a personal receiver (CA-PX), a door knock sensor with door hanger (CA-DXH)[1] and an audio sensor (CA-AX)[2].

Since no metal mounting clip is visible from the hotel hallway, the use of CA-DXH will not reveal guest that is hard-of-hearing. It is perfect for use on hotel or dormitory doors where a temporary installation is preferred.

To futher enhance the system effectiveness and user safety, both registered and unregistered CA-AX audio sensor wireless signals can be detected by the CA-PX.

Note 1: Model CA-DXH and Model CA-AX are optional accessories and are sold separately.

Note 2: Model CA-DXH is a standard door knock sensor mounted on a plastic door hanger. This combination is designed to hang on the interior handle of a door knob for detecting door knocking.

Follow the steps below:

1. Install batteries in all accessory units that you want to use in the system.
2. Power On the CA-PX.
3. Press and hold the **Learn** button for 6 seconds until it vibrates (and beeps if the speaker is On) to enter the Learn mode. The **Learn** button LED will blink for about 20 seconds, after which

it will exit the Learn mode.

4. Press and hold the test button on the accessory CA-AX (audio sensor) for more than 10 seconds until CA-PX flashes, vibrates, and beeps (if speaker is On) **twice**.This confirms the learning.

5. Repeat the steps 3 and 4 with the CA-DXH accessory.

6. Press the **Reset** button on the CA-PX to exit the learning mode at any time.

7. Test the system - Press the Test button on each accessory one at a time. Verify that the corresponding icon button on the CA-PX is activated. The CA-PX will flash, vibrate and beep (if speaker is On) for about 45 seconds. Press **Reset** to stop at any time.

8. Repeat the test with the CA-DXH. Press **Reset** to stop at any time.

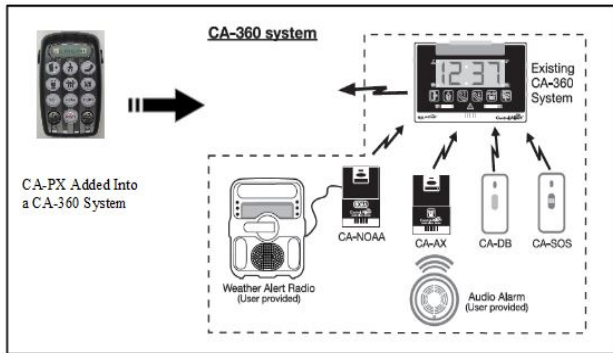9. Repeat the steps above to learn (or register) and test more accessories as desired.

2. Learning CA-PX into a CA-360 System

Example Application

This is a typical application for adding a CA-PX to a CA-360 system, in order to improve mobility freedom and coverage area.

Each CA-PX must be learned (or registered) to the CA-360 system before before it can be recognized (Up to 10 CA-PX may be added to one CA-360 master unit).

Note: All previously learned accessories in the CA-PX will be lost during this process, and all lost accessories must be learned again through the CA-360 master unit.

CA-360 system

CA-PX Added Into a CA-360 System

Existing CA-360 System

CA-NOAA · CA-AX · CA-DB · CA-SOS

Weather Alert Radio (User provided)

Audio Alarm (User provided)

Follow the steps below:

1. Place CA-360 master unit in the clock mode (**RUN** position), Press and Hold the **SOS / TEST** button for 6 seconds until it beeps. It will display "**LEAr**" and ready to learn accessories.
2. Power On the CA-PX.
3. Press and hold the **Learn** button on the CA-PX for at least 10 seconds until CA-360 beeps **twice**, and the display shows "**SUB**" - confirming registration is successful.

4. Press **Reset** button on both CA-360 unit and the CA-PX to end the Learn process.
5. Testing the system: Press and Hold the **SOS** button on the CA-PX for 2 seconds. This should activate an alert on both the CA-PX and CA-360 units. Press the **Reset** button on either unit to stop and cancel the alert.
6. Press an accessory (such as a doorbell) that was previously registered to the CA-360 master unit. Verify that both CA-360 and the CA-PX alerts are activated for 45 seconds, or until the Reset button is pressed.
7. The CA-PX is now ready and will alert the user whenever a wireless signal is detected.

Reminder: All previously learned accessories in the CA-PX will be lost during the process of adding the CA-PX into a CA-360 alert system. All lost CA-PX accessories will need to be learned again into the system through the CA-360 master unit.

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Testing

1. While in standby mode, press and hold the **SOS** icon button for 2 seconds. If the CA-PX was registered to a CA-360 system, all receiver units registered in the system are activated for 45 seconds.
2. Press the **Reset** button to stop and exit the alert.

Operations

Power On/Off and Speaker On/Off switches

Switch	Actions	CA-PX Outputs	Weak Battery Condition
Power	OFF / ON	Turning On – Flash once, Vibrate once, and Beep once (if Speaker is On)	Vibrate Once
Speaker	OFF / ON	Turning On – Beep once / Turning Off – Flash once, and Vibrate once	Vibrate Once

Turn Flashlight On/Off

The flasher on the top of the unit can be used as a flashlight.
1. Press Reset button once to turn it On.
2. Press the Reset button once again to turn it Off.

Sending SOS signal (CA-PX in Standby Mode)

To page other receivers for help, Press and hold the **SOS** button for 2 seconds. A wireless SOS signal will be transmitted to nearby registered receivers (CA-PX, CA-RX, CA-360).

Optional Bed Shaker Operation

With an optional bed shaker (BS-100) attached, CA-PX can activate the bed shaker while charging. This provides total notification, even while you sleep.

Alert Signals Acknowledge

Upon receiving a wireless notification signal from any accessory:

1. The unit activates a unique motor vibration, blinking icon button, flasher and sound (if speaker is On).
2. After reviewing the blinking icon button, the user can then press the Reset button to acknowledge and stop all alert outputs. The blinking icon button continues to stay lit for 5 more seconds.
3. For a deaf/blind user who cannot visualize the blinking icon button, the user will need to press each icon button sequentially to determine the activated icon button. When the correct icon button is pressed, the vibration will become continuous – indicating this is the correct one. The user can then press the Reset button to acknowledge, and stop all alert outputs. (Note: Each button is embossed with a Braille character).

Recall Last Activated Alert

The last activated alert may be recalled for review purposes.

1. Press and hold the **Reset** button for 2 seconds and it will recall the last activated alert. Unique vibration, blinking icon button and speaker sound will be repeated for 45 seconds. (Note: The flasher will not flash during recall).
2. A deaf / blind user can press each icon button sequentially to determine which icon button is active. When the user presses the correct icon button, the vibration will become continuous – indicating this is the correct one. Each button is embossed with Braille.
3. Press the **Reset** button to stop and exit the mode.

Vibration Pattern Training

The CA-PX offers an exclusive training feature that allows the users to familiarize themselves with the vibration pattern of each alert or icon button.

1. Press and hold the **Learn** button while unit is Powered On. The **Learn** button LED will be On.
2. Press and release any of the alert icon buttons. This activates the vibration pattern for 45 seconds, so the user can feel and learn. (Note: Button icon and speaker sound will also be active.)
3. Press the **Reset** button to stop or press another button to learn a new vibration pattern.
4. To exit the training session, Power Off the CA-PX unit.
5. CA-PX will not respond to any wireless alert signal during the training session.

Icon Buttons	Alerting Accessory	Vibrating Patterns
🔔	CA-AX	^ ^ ^ ^ ^ ^ ^ (continuous)
SOS	CA-SOS	^ ^ ^ ^ ---- , pause, repeats
🚽	CA-MX	^ ^ ^ ^ , pause, repeats
NOAA	CA-NOAA	^ --- , pause, repeats
👶	CA-BX	^ ^ --- , pause, repeats
🚪	CA-DB, CA-DX, CA-DXH	^ ^ , pause, repeats
☎	CA-CX, CA-360	--- , pause, repeats
📞	CA-CX	--- --- , pause, repeats
		^ = 0.75 second short vibrate --- = 2 second long vibrate Pause = 1 second rest

Low-Battery Alerts

The CA-PX unit has a built-in, low battery detection to monitor its own battery condition. The low battery indicator (also serves as the charging indicator) will blink if the CA-PX battery is running low.

The CA-PX also monitors low battery warning signals transmitted from learned (or registered) CA-AX audio sensors. If a CA-AX low battery alert is detected, user must then check all the batteries in the CA-AX accessories used in the system to eliminate this alert.

Event	Indicator	Visual	Notifications
CA-PX Low Battery	(SERENE)	Continuous Blinking	Flashes, Vibrates and Beeps 4 times (if speaker is on). Then repeats Every 15 minutes (No Reset Allowed)
Registered CA-AX Low Battery Signal		Continuous Blinking	Flashes, Vibrates and Beeps 4 times TWICE (if speaker is on) with 20 seconds pause in between. Then repeats Every 15 minutes
To Temporary Cancel CA-AX Low Battery Alert	Hold button more than 5 seconds to suspend this alert until the next signal is received again	Stop Blinking	Flash, Vibrate, and Beep once (if speaker is on)

Clear Internal Memory (Factory Default)

If the CA-PX cannot learn (or register) any accessories or register into a CA-360 system after several tries, the internal memory of the CA-PX may need to be cleared.

Press and release the **Learn** button on the CA-PX for at least 18 times in quick succession until it flashes, vibrates and sounds a beep (if speaker is On). Then relearn all accessories.

Trouble Shooting FAQ

What type of batteries do I need for the CA-PX?
Ans: Install 3 AAA-rechargeable batteries (NiMH). For optimal performance, it is recommended that the batteries be replaced once a year.

How many accessories can the CA-PX support?
Ans: The CA-PX can support the same number of accessories as the CA-360 master unit.

I just bought an extra doorbell or door knock sensor, but it did not work. What do I need to do?
Ans: All new accessory devices must be learned or registered to the CA-PX unit (and CA-360 if used as the master unit) before they can be recognized or work. See the section in this manual for instructions as how to learn or register an accessory device.

How do I clear all registered accessories from the CA-PX?
Ans: Press and release the **Learn** button at least 18 times in quick succession until it flashes, vibrates and sounds once (if Speaker is On).

Does CA-PX work with a CentralAlert™ CA-360 system?
Ans: Yes. the CA-PX can be used as a remote receiver to a *CentralAlert™* CA-360 master unit. Follow the steps described in the CA-PX Application section to complete the process.

How far can the CA-PX be located from CA-360?
Ans: About 150 feet in open space (metal inside a wall can reduce this distance).

What is the maximum distance between accessories and the CA-PX?
Ans: About 150 feet in open space (metal inside a wall can reduce this distance).

Can I place CA-PX next to my Wi-Fi router?
Ans: No. Please keep all other electronic equipment at least 5 feet away.

How many accessory devices can CA-PX handle?
Ans: The CA-PX can handle the same number of accessories as the CA-360 unit.

Does CA-PX offer a wireless signal repeater function?
Ans: Yes. CA-PX, CA-RX and CA-360 units offer a wireless repeater/relay function whereby each unit can re-broadcast the received wireless signals to other similar receivers. This repeater function expands the coverage area of the entire system.

Cleaning and Maintenance

- The surface of the device can be cleaned with a soft, dry cloth.
- Do not use any sprays near the device. Do not use any solvents, chemicals, or cleaning solutions containing alcohol, ammonia orabrasives.
- Do not allow liquids to spill into any openings.

Other Accessories for the Model CA-PX

Model CA-AX   Wireless audio alarm sound monitor
Model CA-BX   Real-time wireless baby-crying sound monitor
Model CA-CX   Wireless cell-phone ringing detector
Model CA-DB   Wireless door bell unit
Model CA-DX   Wireless door knocking sensor
Model CA-DXH   Wireless door knocking sensor with plastic door hanger

Model CA-MX   Wireless motion sensor to detect motion
Model CA-NOAA   Wireless NOAA (weather alert) radio output monitor
Model CA-PX   Wireless personal pager/receiver unit that performs the same receiving and alerting functions as a **CentralAlert™** CA-360 unit
Model CA-RX   A **CentralAlert™** remote unit that serves as a receiver to expand system coverage area (no clock display)
Model CA-SOS   Wireless personal button for paging help
Model BS-100   Extra bed shaker

Warranty / Service Information

Your **CentralAlert™** CA-PX comes with a one-year limited warranty. We warrant during this warranty period - from the date of purchase to the original consumer - the **CentralAlert™** CA-PX is free from defects in materials and workmanship under intended home use. In the event that **CentralAlert™** CA-PX fails to function properly within one year of the original purchase (and after 30 days), due to defects in material or workmanship, call Serene Innovations for a Return Authorization Number and Return Instructions, then return the unit with proof of purchase (sales receipt or packing slip, no exceptions) and a check for handling and shipping return of US$9.95 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 the units shipping will be prepaid by Serene Innovations with the proof of purchase included.

Incidental of Consequential Damages:

Neither Serene Innovations, Inc. nor the retailer, dealer or selling distributor has the responsibility for any incidental or consequential damages, including, without limitation, commercial loss of profit or for any incidental expenses, 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 the 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 Merchandise Authorization Number (RMA) and shipping instructions before shipping the product to Serene Innovations. Any shipment without an RMA number, 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 a price quote and instructions.

Specifications

Technology	2.4 GHz Smart Code
Bed Shaker Output	5 VDC, 150mA
Battery Backup	3 x AAA Size NiMH rechargeable
Battery Use Time	3 to 6 days depending on usages
AC Adapter Input	100-240 VAC, 50 / 60 Hz
AC Adapter Output	5VDC 600-1000 mA
Operating temperature	+10 to 40 C
Dimensions:	Approximately 57 x 108 x 32 (W x D x H mm) w/belt clip
Weight	Approximately 110 grams (with battery)

Specifications are subject to change.

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 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 of 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 cordless phone.
3. Connect the cordless phone and 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.

Notice: The Industry Canada label identifies certified equipment.

This certification means that the equipment meets telecommunication network protective, operational and safety requirements as prescribed in the appropriate Terminal Equipment Technical Requirements document(s). The Department does not guarantee the equipment will operate to the user's

satisfaction.

Before installing this equipment, users should ensure that it is permissible to be connected to the facilities of the local telecommunications company. The equipment must also be installed using an acceptable method of connection. The customer should be aware that compliance with the above conditions may not prevent degradation of service in some situations.

Repairs to certified equipment should be coordinated by a representative designated by the supplier. Any repairs or alterations made by the user to this equipment or equipment malfunctions, may give the telecommunications company cause to request that the user disconnect the equipment. Users should ensure, for their own protection that the electrical ground connections of the power utility, telephone lines and internal metallic water pipe system, (if present) are connected together. This precaution may be particularly important in rural areas.

Caution: Users should not attempt to make such connections themselves, but should contact the appropriate electric inspections authority or electrician, as appropriate. The REN for this amplified telephone is stated on the IC regulatory label located on the bottom of the product.

NOTICE: The Ringer Equivalence Number (REN) assigned to each terminal device provides an indication of the maximum number of terminals allowed to be connected to a telephone interface. The termination on an interface may consist of a combination of devices, subject only to the requirement that the sum of the Ringer Equivalence Numbers of all the devices does not exceed 5.

This Class B digital device complies with Canadian ICES-003, RSS 210 Issue 8.

Please dispose of used batteries properly, following any local regulations. Do not incinerate.

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