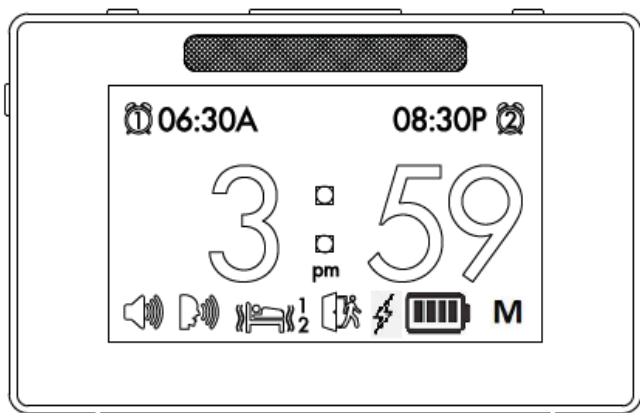




User's Manual

SERENIC[®] Alert

Model CA-360Q Visual Alert System



Model
CA-360Q

Operating Guide

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

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Sereonic Alert CA-360Q Features:

1. 2.4GHz Wireless Smart-Code Technology
 - 360 full coverage of your entire home
 2. Advanced Visual alert system alerts you to daily sounds:
 - Alarm clock
 - Baby's crying
 - Doorbell
 - Motion Sensor
 - Phone / cell
 - Weather alerts (external alarm)
 - Audio alarms
 - SOS paging and more
 3. Multiple alerting outputs:
 - Loud speaker
 - Bright flasher
 - Bed shakers
 - Visual icons
 - Alerting accessory
 4. Dual alarm settings (12/24-hr format)
 5. Auto clock-dimming for a softer display at night
 6. Dual bed shaker output jacks
 7. Wireless Smart-Code technology supports thousands of systems
 8. Internal antenna design for long range operations
 9. Analog phone jacks for landline telephone ringing
 10. Output jack to control a 100 watt max. lamp module (optional)
 11. Use 520 Hz square-wave technology for maximum audio alert output
 12. Built-in bright flashlight (with brightness control)
 13. 2-way SOS (help) paging
 14. Simple installation – just plug and use
 15. Battery back-up (4x AA NiMH)
 16. AC adapter 110/240 VAC, 50/60 Hz operation
 17. 7 days full function battery back-up
-
18. Contemporary design housing with Large 5" Color Display
 19. User select color choices for icons and clock times
 20. Intuitive alerting icons
 21. User select show/hide main clock feature
 22. Multiple Language Alert Announce warnings
 23. Unpair accessories (in master mode Only)
 24. Main power lost warning
 25. User enable/disable to detect unregistered CA-AX audio sensors
 26. Low Battery Warning on registered CA-AX audio sensors

Important Safety Instructions:

When using the **Sereonic Alert** Model CA-360Q, in order to reduce the risk of fire, electrical shock or injury to persons, basic safety precautions should always be followed, including the following:

1. Read all instructions before using alliance.
2. Do not mount or place Master-Unit on a small surface. Metal surfaces can reduce wireless signal transmission.
3. This product uses rechargeable batteries. Do not use non-rechargeable batteries as charging of this type can cause battery leakage.
4. Always disconnect phone cord from wall jack before changing / installing batteries.
5. To reduce injury risk, close supervision is necessary when appliance is used near children.
6. Do not contact moving parts or exposed metal surfaces.
7. Only use attachments recommended / sold by the manufacturer.
8. Do not use outdoors. Do not use near water.
9. To disconnect, turn all controls to "Off" position, then remove plug from outlet.
10. Do not unplug the unit by pulling the cord – grasp plug, not cord.
11. Unplug unit from outlet when not in use / before servicing or cleaning.
12. 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 facility for examination; repair or electrical / mechanical adjustment.
13. Avoid using telephone products during electrical storms. There's an electrical shock risk from lightning.
14. Do not use telephone to report a gas leak while in the vicinity of the leak.
15. Specifications of this product are subject to change without notice.

General Description:

Model CA-360Q is an advanced wireless visual alert system for the hard-of-hearing (HOH). It also serves as a dual-alarm clock with a 5 inch (diagonal) color graphics display.. It uses an exclusive Smart-Code technology and operates in the 2.4 GHz band. This technology offers a fast response and long range operation. It can support thousands of systems without the need for channel-setting switches.

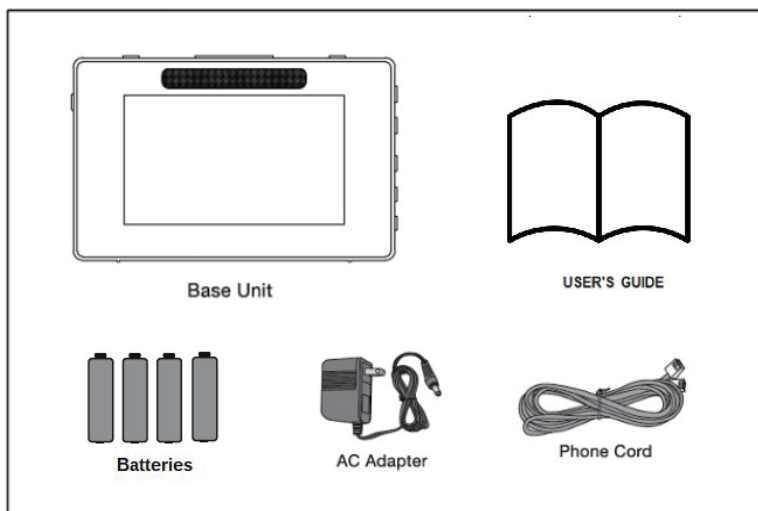
The system alerts users to multiple different household functions/events using five (5) alerting outputs: speaker, flasher, bed-shaker, icons, and digital voice messages. The digital display shows the name of an alert activation (optional accessories purchased separately).

Different system configurations can be ordered on the CA-360Q. The standard system comes with a unit in master mode, an AC adapter, a phone cord, and this manual.

Additional wireless sensors, bed-shakers, and remote receivers may be purchased to cover a large home or office. New sensors must be registered to the CA-360Q master-unit before they can be recognized (See later “Adding Extra Wireless Sensor Accessories” section).

The CA-360Q, with its new display panel menu, provide the user options to change some of the visual parameters, such as enabling the main clock and alarm functions, set clock time colors, and icons color.

Package Contents:



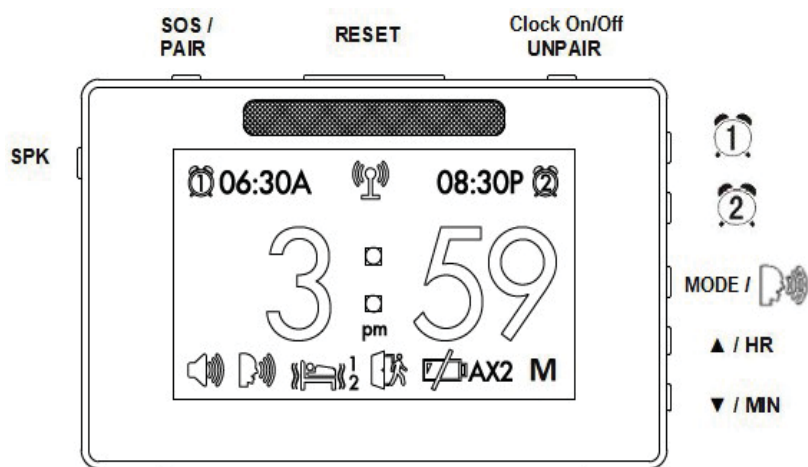
Unpack and remove items from the box. Confirm all items are included before disposing of the shipping box.

Items included are:

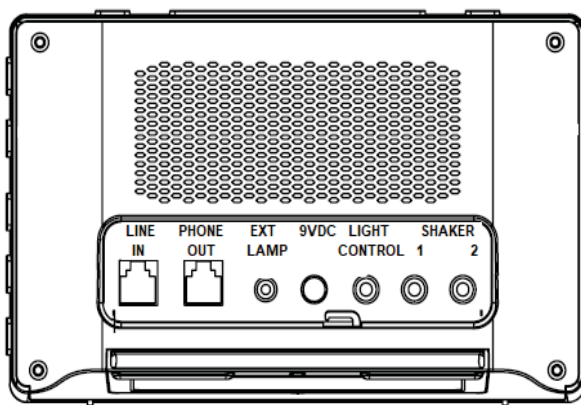
- 1 – **Sereonic Alert** CA360Q
- 1 – User's Guide
- 1 – Telephone Cable
- 1 – AC adapter

* Batteries not included (depending on custom configurations)

Unit Overview:

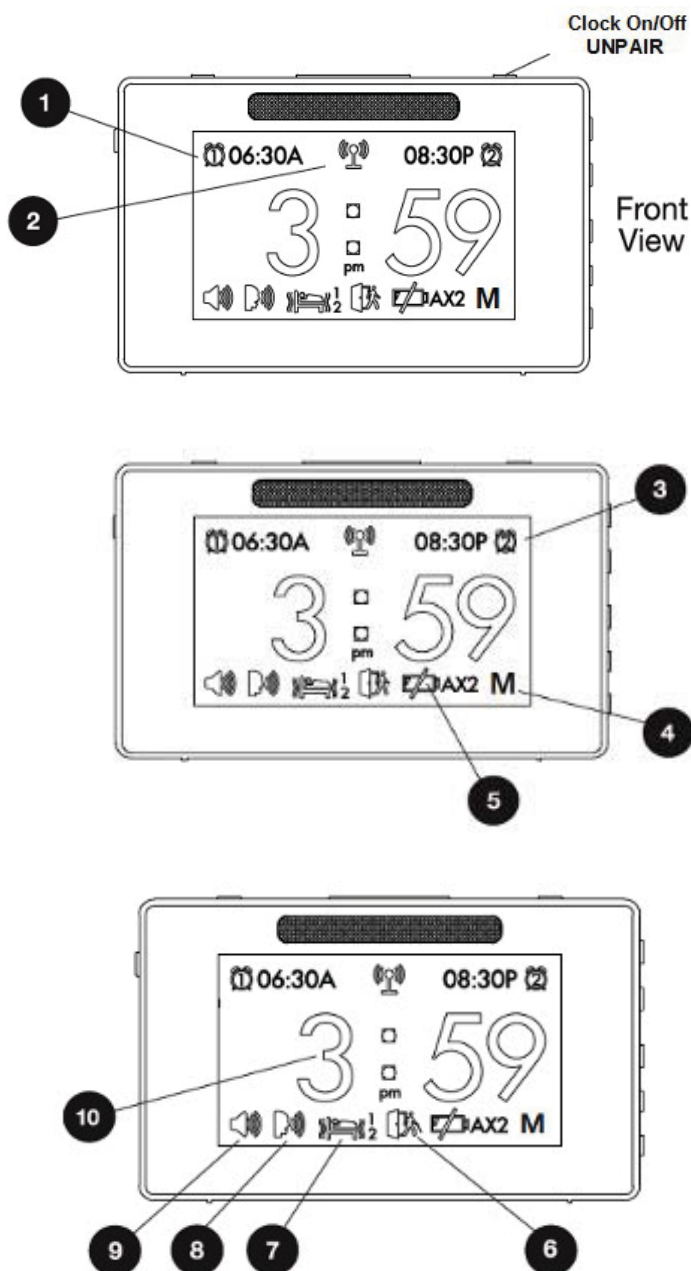


FRONT VIEW



BACK VIEW

Display Details:



	Icon	Description
1		Alarm-1 icon and set time. Press Alarm-1 button once to turn on/off the alarm The alarm time will blink for about 10 seconds, during which the time can be changed using the ▲ (for hour) or ▼ (for minutes). When it stops blinking, the new alarm time is set.
2		General Audio AX Alert icon Press “SPK”+“Alarm-2” buttons for 2 seconds to Enable / Disable this function. Factory default is Off. When function is enabled, the unit will sound the alerts when ANY audio alert transmitter (CA-AX) is in range and has been activated, whether the CA-AX has been paired or not registered to the CA-360Q unit. When this function is disabled, the CA-360Q will only sound alerts to its paired audio CA-AX transmitters.
3		Alarm-2 icon and set time Press Alarm-1 button once to turn on/off the alarm The alarm time will blink for about 10 seconds, during which the time can be changed using the ▲ (for hour) or ▼ (for minutes). When it stops blinking, the new alarm time is set.
4		System mode icon - (M)aster or (S)ub (remote) “M” indicates the CA-360Q is in master mode. “S” indicates the CA-360Q is in remote receiver mode. Note: All paired accessories and settings will be cleared when performing factory reset to change mode.

	Icon	Description
5		Power and Battery Icons These 2 icons indicate the ac power and battery status • AC-adapter present and batteries installed Note: The battery icon level will move when it is charging. The battery level will be steady when charging is complete
		• AC-adapter present, but no batteries installed
		• No AC-adapter, but shows batteries level
		Low battery detected for an CA-AX accessory When this appears, the accessory number showed has reported a low battery level status, and needs to be attended to, such as replace batteries, or missing contact due to unit moved out of range. If more than one accessory is reported, all accessories will be shown cycling every 3 seconds.
6		MOTION DETECT icon Press “ SPK ”+“ MODE ” buttons for 2 seconds to Enable / Disable this function. Factory default is Off. When function is enabled, the unit will sound the alerts when the paired motion sensor transmitter CA-MX has been triggered. When function is disabled, the unit <u>will not</u> sound the alerts even when the CA-MX is triggered.

	Icon	Description
7		Bed Shaker Icon The bed shaker icon will appear when a bed shaker is connected. The number 1 or 2 shows which bed shaker jack is connected. When no bed shaker is connected, no icon will show. Shaker-1 will vibrate correspond to alarm-1, and Shaker-2 will vibrate correspond to alarm-2. Both shakers will vibrate when an alert is received.
8		Voice Announce Icon 1. Press the MODE button for 2 seconds to show the available languages. 2. Use ▲ or ▼ buttons to select, press MODE to confirm. Note: If this icon appears with a “X”, the function is disabled, no alert announces will be played, only alert tones will be heard.
9		Speaker Volume Icon : Off – Low – High Press the SPK button to change the volume setting. Note: When an CA-AX audio alert is detected, the speaker volume will always sound the alerts in the maximum volume.
10		Main Clock Press “SPK”+“Alarm-1” buttons for 2 seconds to Enable / Disable display clock & alarm function. The clock format can be set 12hr or 24hr when the clock and alarm function is enabled. See the section “Set the Clock” to set hours and minutes. Note: Press and hold the Clock button for 2 seconds can show or hide the main clock.

Installation:

1. Install four AA size rechargeable **NiMH** batteries in battery compartment at bottom of unit.

Warning: Do not use regular batteries, as charging of this type can cause batteries to leak and damage to the unit.

Note: The CA-360Q will operate without batteries, but installing batteries is highly recommended to continue system operations in case of a power outage.

2. Plug AC adapter into nearest electrical outlet and connect the plug to the unit. The main clock will display with the bottom row of icons.
3. Connect bed shaker to **SHAKER-1** output jack.
The shaker icon (1) will show on the display.
4. Press the **SPK** button (on left side of unit) to set the volume.
The speaker icon will show the setting.
5. Verify the "M" indicator is shown. Factory default is Master mode.

Quick Test:

1. Press **SOS** button once on top of the CA-360Q unit to test.
Verify that alert outputs (speaker, voice, flasher, shaker and alert icon display) lasts for about 45 seconds, then stops.
2. Press **RESET** button to stop at any time.
3. Verify that the flasher can be toggled ON and OFF using the **RESET** button.

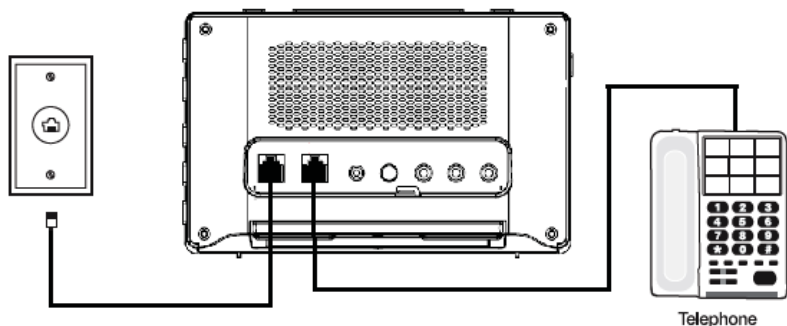
Clear All Accessories:

1. Press and hold the "**SOS/PAIR**" button for 6 seconds to enter the LEARN mode. The display will show all the accessories registered.
2. Press the "**SOS/PAIR**" button 16 times in quick successions to clear.
3. When successful, the display will show no accessories.
4. Press the **RESET** button to exit.

Note: This action clears all accessories in the CA-360Q unit **ONLY**, and does not clear the memory in other remote receivers.

Land Line Telephone Connection:

1. Connect an analog telephone to the PHONE OUT jack on the back of the CA-360Q.
2. Connect a telephone cord to the LINE IN jack on the back of the CA-360Q and the telephone wall socket as shown below..



3. Place a call to the telephone number corresponding to the connected telephone line.
4. Verify that all alerting outputs - display icon, flasher, ring tone, and bed shaker (if connected) - respond correctly while the telephone is ringing.
5. Verify that by answering the call (from any telephone), all alerting outputs will stop.

Voice Announce Language Select

1. Press and hold the **MODE** button for about 3 seconds. The display will show the available language list with the current language selection highlighted.
2. Use the ▲ or ▼ buttons to scroll and select a language. If no voice speech is preferred, select Off from the list. The speech icon with an "X" will be shown for no voice announcements.
3. Press the **MODE** button once to confirm. If there are remote receivers in the system, this new language setting will be passed down.

Set The Clock:

Press the ▲ (HR) button for 2 seconds.

1. Use the ▲ or ▼ buttons to select 12/24 format, then press **MODE**.
2. The main clock will be displayed. Use the ▲ button to change the hour, and the ▼ button to change the minutes. The hours and minutes will continue to scroll when you press the buttons.
3. Press **MODE** or **RESET** button when finished. Clock is set.

SET ALARM TIME : Alarm-1 or Alarm-2

1. Press **Alarm-1** or **Alarm-2** button once to enable the alarm.
2. The alarm icon and set time will blink for about 10 seconds. Use the ▲ (HR) and ▼ (MIN) to change the alarm time if needed. The new alarm time will be set when it stops blinking.
3. When the alarm time is reached, the unit will sound and activate the shaker for 45-seconds, then stops for a 5 minute snooze period. This snooze pattern will repeat for up to one (1) hour. Press and hold the **RESET** button for 2 seconds will stop further snoozes.

Note: **SHAKER-1** and **SHAKER-2** output jack corresponds to Alarm-1 and Alarm-2 individually, but **BOTH** jacks will be active during alerts.

Direct Connect to an External Lamp Module, Model CA-LX:

Sereonic Alert CA-360Q unit can control an external lamp via an optional external lamp module (Model CA-LX, purchased separately).

User can control the lamp **ON/OFF** using the **RESET** button on top of the unit. The operation of this lamp is synchronized with the flasher.

Note: The external lamp must be left in the **ON** position, and the lamp must be incandescent type using less than 300 watts.

RESET (Multi Function Button):

The **RESET** button has different functions:

1. Alarm Clock: ● Stops alarm and starts a 5-minute snooze.
● Press and hold for 2 seconds will stop snoozes.
2. A single press will turn the flasher On / Off.
3. In battery mode, a single press will turn display on for 3 seconds
4. In menu mode, a single press will return to previous menu or exit.
5. During alarms, press to stop alert sounds, and reset all receivers.
6. Accessory Low Battery icon showed: press and hold for more than 6 seconds will temporary cancel the low battery indications until the next low battery signals are received.

SPECIAL NOTE when CA-360Q running as a REMOTE RECEIVER:

When CA-360Q operates as a remote receiver, it can ONLY paired to a CA-360Q master unit, and cannot paired any accessories to itself.

All the user selectable options will not be available while CA-360Q is in remote receiver mode, and all the system settings will be passed down from the master unit. Use the same system conversion steps to convert the CA-360Q back to a master unit for normal operations.

To view accessories registered with CA-360Q

Press the **MODE** button once will display all the accessories learned (registered) with the CA360Q for about 5 seconds.

To Enter Energy Saving Mode

Press and Hold the **Light Control** button (rear) for about 5 seconds. The display will be turned off and the unit will operate in battery mode (with ac power attached). Press any button will cancel the mode.

All alerting functions are active during the energy saving mode.

Adding Extra Wireless Sensor Accessories to the system:

1. A new wireless sensor (example: a wireless doorbell) must be learned (registered) into the CA-360Q unit before it can be recognized.
2. Press and hold the **SOS/PAIR** button for 6 seconds until it beeps and display "**LEARN**", and the current accessories list.
3. Press and hold the new accessory's test button for about 6 seconds until the CA-360Q sounds, displayed the accessory name , and then added to the accessory list.
4. While still in the learn mode, repeat step 3 above to learn another accessory. Press the **RESET** button to exit when finished.
5. Test the new wireless accessory by pressing its test button. If the CA-360Q sounds the alarms, the learning was successful. If not, repeat the steps above and learn the accessory again.

Wireless Accessory	Display	Max Number Allowed
CA-AX	AX-	10
CA-BX	BX-	3
CA-CX	Sub or CX-	1
CA-DB or CA-DX or CA-DXH	DX-	4 Any combination
CA-MX	MX-	3
CA-NOAA	Sub or NOAA-	1
CA-PX	Sub or PX-	10
CA-RX	Sub or RX-	10
CA-SOS	Sub or SOS-	4

UNPAIR Accessories from CA-360Q unit:

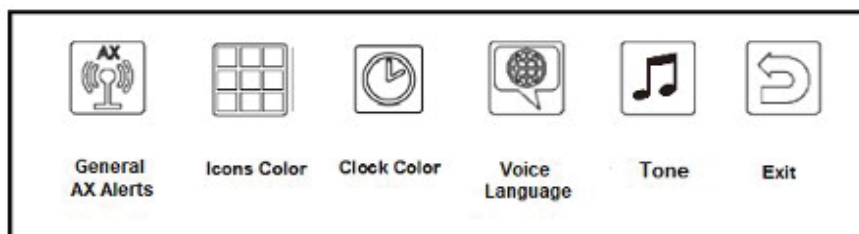
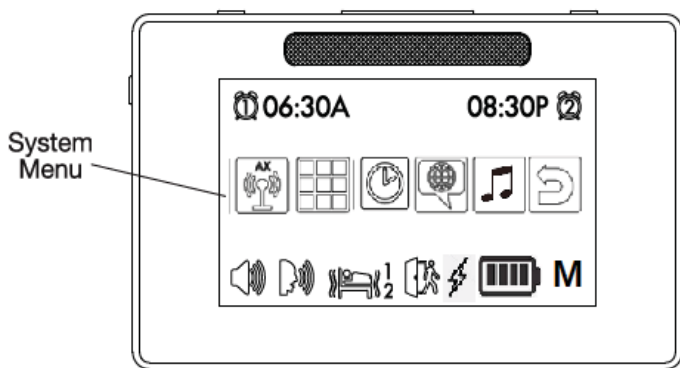
This function only applies to CA-360Q in master mode.

1. Press and hold the **SOS/PAIR** button for 6 seconds until it beeps and display "**LEARN**", and the current accessories list.
2. Use ▲ or ▼ buttons to scroll and select the accessory you want to unpair (ignore). Press and hold the **SPK+ CLOCK** buttons for 2 seconds, and the accessory name is removed from the list.
3. Press the **RESET** button to exit when finished.

Note: CA-360Q unit will not be alarmed by the unpaired (ignore) accessory, but other remote receivers can still be alerted.

SYSTEM MENU (for Advance Users)

Press and hold **SPK + Alarm-1 + ▼** buttons for 2 seconds



Note: When the menu appears, press **RESET** can exit the menu at any time.



General CA-AX Alerts Enable

1. Press **▲ / ▼** button to scroll and highlight this icon
2. Press the **MODE** button to enable / disable the function.
An icon will show on the display when enabled.

When function is enabled, the unit will sound the alerts when **ANY** audio alert transmitter (CA-AX) that is in range and has been activated, whether the AX has been paired or not to this CA-360Q.

NOTE: The low battery warning signals from these not registered (or not paired) AX units will not be acknowledged by the CA-360Q.



Icons Color

1. Use **▲ or ▼** buttons to scroll to this icon. Press **MODE** once. A choice of colors is displayed.
2. Use **▲ or ▼** buttons to scroll and highlight the color choice.
3. Press the **MODE** button once to confirm.
4. The display will return back to the menu.

NOTE: All display icons will be changed to the new color, except the alert icons, the low battery icon and the master letter.



Clock Color

1. Use **▲ or ▼** buttons to scroll to this icon. Press **MODE** once. A choice of colors is displayed.
2. Use **▲ or ▼** buttons to scroll and highlight the color choice.
3. Press the **MODE** button to confirm.
4. The display will return to the menu. The clock and alarm times color will be changed.



Voice Announce Language Select

1. Use **▲ or ▼** buttons to scroll to this icon. Press **MODE** once. A choice of languages is displayed.
2. Use **▲ or ▼** buttons to scroll and highlight the choice.
3. Press the **MODE** button to confirm.
4. The display will return to the menu. New language will be played.



Alert Tone Select

1. Use **▲ or ▼** buttons to scroll to this icon. Press **MODE** once. A choice of tone frequencies is displayed.
2. Use **▲ or ▼** buttons to scroll and highlight the tone. A short sample of the tone will be played.
3. Press the **MODE** button to confirm.
4. The display will return to the menu. Alert tone is changed.



Exit Menu

1. Use **▲ or ▼** buttons to scroll to this icon. Press **MODE** once.
2. Exits menu and returns to clock display.

Factory Reset “Master / Remote” Mode Configuration

Factory Default on CA-360Q is in Master Mode.

To change the system mode, it must go through a factory reset.
All CA-360Q settings and paired accessories will be cleared.

Press the Hold **SPK + ▼** buttons for 2 seconds to initiate.

1. A two level confirmation is needed:
1st level asked if user wanted to proceed,
Use **▲ or ▼** buttons to highlight the choice, press **MODE** to select:

Check icon : Yes - Go ahead with factory reset.

“X” icon : No - Cancel factory reset

Note: Press **RESET** can cancel the factory reset at any time.



2. After selected to proceed, the “**MAIN**” / “**SUB**” icons appeared.
Use **▲ or ▼** buttons to highlight, and press **MODE** to confirm .
Press **RESET** will select the default selection “**MAIN**”. (Master)
3. The CA-360Q will restart with the factory default selected.

NOTE: the CA-360Q system mode letter “**M**” or “**S**” will be displayed on the screen to indicate “Master” or “Sub” (Remote) mode,

Also as a confirmation, the main clock separator will be differed:

“MASTER” mode – square shaped

“SUB” (remote) mode – triangle shaped

Technical Specifications:

1. Technology: 2.4 GHz Smart-Code
2. Phone Ringing Input: >40 Vrms, 20 to 65 Hz
3. Phone jack type: RJ-11
4. Bed-shaker output jack: 9VDC, 150mA
5. External Lamp Control output jack: 9VDC, 150mA
6. Display size : 5 inches diagonal
7. Back-up batteries: 4 x AA-size NiMH (~800mAh)
8. AC Adapter output: 9VDC, 2000mA
- 9.. Operating temperature: 10 to 40 C
10. Storage temperature: -10 to 50 C
11. Dimensions: about 168 x 105 x 60 mm
- 12 Weight: about 377g (with batteries)

Accessories for the Sereonic Alert CA-360Q:

Model	Description
CA-AX	Wireless audio alarm sound monitor
CA-BX	Wireless baby-crying sound monitor
CA-CX	Wireless cellphone ringer/flasher
CA-DB	Wireless doorbell unit
CA-DX	Wireless door knocking sensor
CA-DXH	CA-DX with plastic door hanger
CA-LX	External Lamp control module
CA-MX	Wireless motion sensor to detect motion
CA-NOAA	Wireless NOAA (weather alert) radio output monitor
CA-PX	Wireless personal pager/receiver unit
CA-RX	Wireless remote receiver unit
CA-SOS	Wireless personal button for paging help
BS-100	Bed shaker
CA-BP	A pack of four (4) AA size NiMH rechargeable batteries

FAQ:

1. Must I install batteries in CA-360Q?

Ans: Batteries are for power outage back-up. The unit works with AC adapter and batteries are optional. It is strongly recommended that you install batteries.

2. What type of batteries does it need?

Ans: Please install rechargeable NiMH batteries only. Use of regular or non-rechargeable batteries will cause battery leakage, damage unit, and void the product warranty.

3. What is the battery back-up time on CA-360Q ?

Ans: About 7 days (normal operation, infrequent alerts)

4. Is it alright to place CA-360Q on a metal surface?

Ans: No! Only place CA-360Q on a non-metallic surface. A metal surface attenuates wireless signal transmission and reduces CA-360Q operating distances.

5. Is the wireless doorbell water-resistant?

Ans: Yes, it is water resistant because it is protected with a rubber gasket. However, do not submerge in water.

6. How long does the doorbell battery last?

Ans: About 8 to 16 months (depends on how often you used it). Replace battery when its transmit indicator becomes dim or if its operation becomes less consistent.

7. How many doorbell units can CA-360Q system support?

Ans: It can support a total of 4 units in any combination of doorbell (Model CA-DB), and door knock sensor (Model CA-DX).

8. How about other accessories?

Ans: Refer to the table in the "Adding Wireless Sensors".
The system can support up to 10 Remote-Receivers (CA-RX), 10 Personal pagers (CA-PX), 10 audio sensors (CA-AX), 4 SOS pendants (CA-SOS), 3 Baby-Sound sensors (CA-BX), 1 Cell-phone sensor (CA-CX), and 1 NOAA sensor (CA-NOAA)

9. I just bought an extra doorbell for my CA-360Q, but it did not work. What do I need to do?
- Ans:** All new accessory devices must be learned or registered by a CA-360Q Master-unit before they can be worked or recognized. See the earlier sections in this manual for instructions as how to register an accessory device.
10. I bought four CA-360Q systems for my home. Can I combine them into a single system?
- Ans:** Yes you can. You need to convert three of the CA-360Q units from “Master” into a “Remote” so they can be learned (or registered) by the remaining “Master”. (See Factory Reset)
11. How do I reset accessory low battery icon on CA-360Q?
- Ans:** Press and hold RESET button for 6 seconds. This is only temporary. The low battery icon will appear again when the next accessory low battery signal is received.
12. What caused this low battery message to come on?
- Ans:** This message is associated with sensors battery is either low or not being turned on, or it may be placed too far from CA-360Q. Turn on its power or move the unit closer to CA-360Q usually solve the issue.
13. I have difficulty in registering an accessory to my CA-360Q system. What should I do?
- Ans:** Make sure you press and hold the button on the accessory for at least 6 seconds when registering, or until you hear CA-360Q sounds and display for confirmation.
14. I have a large home, can I use two or more CA-360Q to increase coverage area?
- Ans:** Yes, CA-360Q and any remote receivers has built-in repeater functions. Each unit can relay the signal it received to the next unit. This greatly increases effective coverage area.
15. Why is my CA-360Q displays “AX-0” ?
- Ans:** Your CA-360Q has enabled the “General CA-AX alerts” function. It has detected a nearby AX sensor signal not part of its own. Refer to earlier section how to enable/disable this function.

Warranty Service Information:

Your **Sereonic Alert** CA-360Q comes with (1) one-year limited warranty. We warrant during this warranty period – from the date of purchase to the original consumer – that the **Sereonic Alert** CA-360 is free from defects in materials and workmanship under intended home use. In the event that **Sereonic Alert** CA-360Q 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 (there will be a nominal additional shipping charge if it is shipped to outside the 48 Continental U.S. States).

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.

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.

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 Number (RMA) and shipping instructions before shipping the product to us. Any shipment without a RMA 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 return problem. For out-of-warranty repair and service, please contact our Customer Care Department for instructions.

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

FCC Information for USA Customers Only:

This equipment complies with Part 68 of the FCC rules and the requirements adopted by the ACTA. On the bottom of this equipment is a label that contains, among other information, the FCC registration number and ringer equivalence number (REN) for this equipment. If requested, this number must be provided to the telephone company. If the equipment causes harm to the telephone network, the telephone company will notify you in advance that temporary discontinuance of service may be required.

But if advanced notice isn't practical, the telephone company will notify the customer as soon as possible. Also, you will be advised of your right to file a complaint with the FCC if you believe it is necessary. The telephone company may make changes in this facility's equipment, operations or procedures that could affect the operation of the equipment. If this happens, the telephone company will provide advanced notice in order for you to make the necessary modifications to maintain uninterrupted service. If you experience trouble with this equipment, disconnect it from the network until the problem has been corrected or until you are sure that the equipment is not malfunctioning. Please follow instructions for repair, if any (e.g. battery replacement section); otherwise do not alternate or repair any parts of device except as specified. Connection to party line service is subject to state tariff. Contact the State Public Utility Commission, Public Service Commission, or Corporation Commission for information. If the telephone company requests information on what equipment is connected to their lines, inform them:

- A. The telephone number that this unit is connected to,
- B. The ringer equivalence number [REN],
- C. The USOC jack required [RJ-11C], and
- D. The FCC Registration Number.

Items (B) and (D) are indicated on the label. The ringer equivalence number [REN] is used to determine how many devices can be connected to your telephone line. In most cases, the sum of the RENs of all devices on any one line should not exceed five (5.0). If too many devices are attached, they may not ring properly.

Part 68 of the FCC Rules:

This equipment complies with Part 68 of the FCC rules. On the equipment is a label that contains, along with other information, the FCC Registration Number and Ringer Equivalence Number (REN) for this equipment. If requested, this information must be provided to your telephone company.

This equipment uses the following Universal Service Order Codes ("USOC") jacks: RJ-11. Connection to the telephone network should be made by using standard modular telephone jack type RJ-11.

The EN is useful to determine the quantity of devices you may connect to your telephone line and still have all of those devices ring when your telephone number is called. In most, but not all areas, the sum of the RENs of all devices connected to one line should not exceed five (5.0). To be certain of the number of devices you may connect to your line, as determined by the REN, contact your local telephone company to determine the maximum REN for your calling area.

If your telephone equipment causes harm to the telephone network, the telephone company may discontinue your service temporarily. If possible, they will notify you in advance. But if advanced notice is not practical, you will be notified as soon as possible. You will be informed of your rights to file a complaint with the FCC.

Your telephone company may take changes in its facilities, equipment, operations or procedures that could affect the proper functioning of your equipment. If they do, you will be notified in advance to give you an opportunity to maintain uninterrupted telephone service.

In the event this equipment should fail to operate properly, discontinue the unit from the telephone line. Try using another FCC approved telephone in the same telephone jack. If the trouble persists, call the telephone company repair service bureau.

If the trouble persists and appears to be with this unit, disconnect the unit from the telephone line and discontinue use of the unit until it is repaired. For repair or warranty information, please contact Serene Innovations Inc. at 562-407-5400. Please note that the telephone company may ask that you disconnect this equipment from the telephone network until the problem has been corrected or until you're sure that the equipment is not malfunctioning.

There are no user serviceable parts in this equipment.

This equipment may not be used on coin service provided by the telephone company. Connection to party lines is subject to state tariffs. Contact the state Public Utility Commission, Public Service Commission for information.

If your home has specially wired alarm equipment connected to the telephone line, ensure the installation of this equipment does not disable your alarm equipment. If you have questions about what will disable alarm equipment, consult your telephone company or a qualified installer.

Part 15 of the FCC Rules:

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 of the following methods to correct 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 unit.
3. Connect the unit's 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 this device.

Notice: The Industry Canada Label identifies Certified Equipment

This certification means that the equipment meets telecommunications 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. This equipment must also be installed using an acceptable method of connection. The customer should be aware that compliance with the above condition 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 telecommunication 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.

IC WARNING

This device contains license-exempt transmitter(s) that comply with Innovation, Science and Economic Development Canada's license-exempt RSS(s). Operation is subject to the following two conditions:

- (1) This device may not cause interference.
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

1. L'appareil ne doit pas produire de brouillage;
2. L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

This Class B digital device complies with Canadian ICES-003 RSS-210

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 terminal device is stated on the IC regulatory label located on the back 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 any combination of devices, subject only to the equivalent that the sum of the Ringer Equivalence Numbers of all devices does not exceed 5.



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