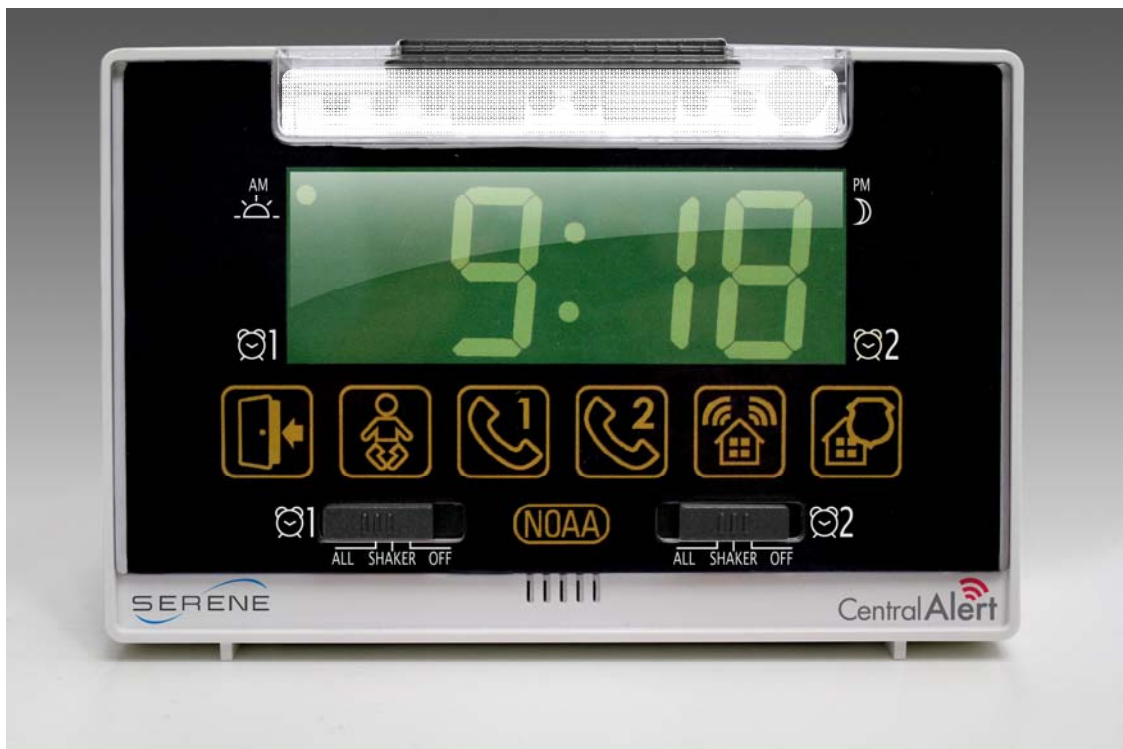# User's Guide

Model CA-360
Central Alert

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

Table of Contents

CentralAlert^{TM} Features:

- 2.4 GHz technology - 360° full coverage of your entire home.
- An audio alarm, bright flasher, visual icons, and a bed-shaker to alert you to daily sounds: alarm clock, doorbell, phone/cell/video calls/fax, smoke/gas alarms, a baby's cry, a weather warning, a motion sensor, and more.
- A large, easy-to-see clock with dual alarms.
- Dual bed shaker output jacks (one bed shaker included).
- No installation needed - just "plug and use."
- Two phone jacks for separate telephone/fax/video phone.
- Weather resistant, easily installed wireless doorbell included.
- A battery powered back-up (batteries not included).

Note:

* A June 2007 study by the Fire Protection Foundation found that a low frequency square wave signal (such as 520 Hz) is most effective in alerting a hard-of-hearing person.

Important Safety Instructions:

When using a **CentralAlert**™ Model CA-360, in order to reduce the risk of fire, electric shock or injury to persons, basic safety precautions should always be followed, including the following:

1. Read all instructions before using appliance.
2. This product uses rechargeable batteries. Do not use non-rechargeable batteries as charging of this type can cause battery leakage.
3. Always disconnect phone cord from wall jack before changing/installing batteries.
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. To disconnect, turn all controls to "Off" position, then remove plug from outlet.
9. Do not unplug the unit by pulling the cord - grasp plug, not cord.
10. Unplug unit from outlet when not in use/before servicing or cleaning.
11. 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.
12. To Reduce Risk of Electric Shock, this appliance has a polarized plug (one blade wider than the other). This plug fits a polarized outlet only one way. If the plug doesn't fit, reverse the plug. If it still doesn't fit, contact a qualified electrician to install a proper outlet. Do not change plug in any way.
13. Avoid using telephone products during electrical storms. There's an electric shock risk from lightning.
14. Don't 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:

CentralAlert™ Model CA-360 is an advanced wireless visual alert system for the hard-of-hearing (HOH). It also serves as a dual-alarm clock with a 1.25" high digital display (green in color). 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.
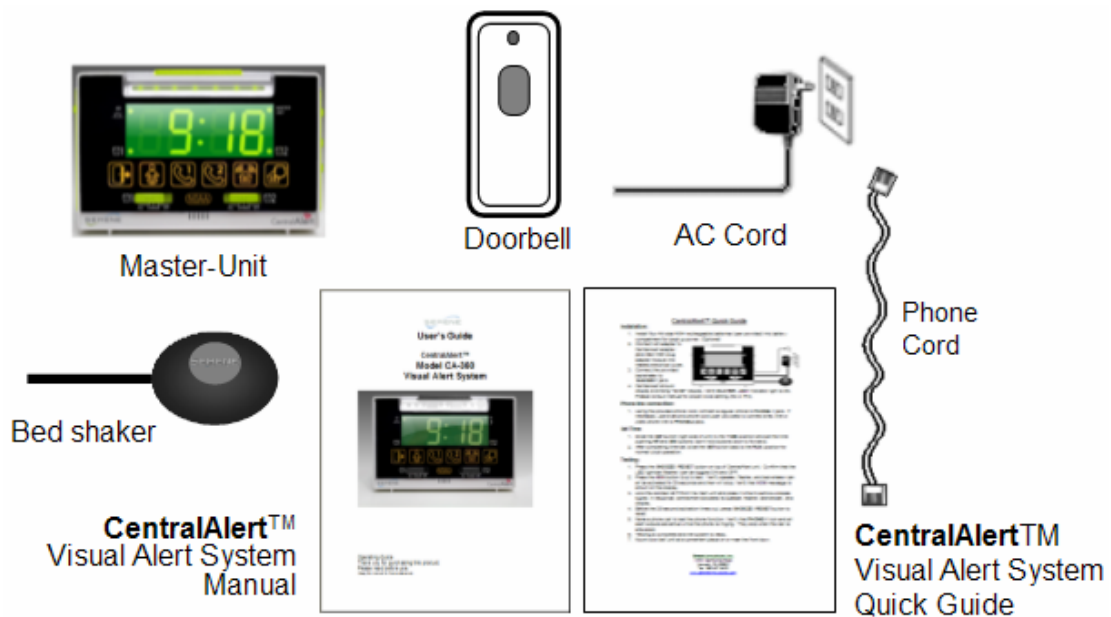
The system alerts users to ten (10) different household functions/events using four (4) alerting outputs: *Speaker, flasher, bed-shaker, and digital display.* The digital display shows the names of the activated functions. (Some functions require an optional accessory to be purchased.)

The standard system comes with: a Master-Unit, a wireless doorbell, a bed-shaker, an AC cord, a phone cord, this manual and a Quick Guide. The wireless doorbell has already been registered to the Master-Unit. The entire system is ready for use.
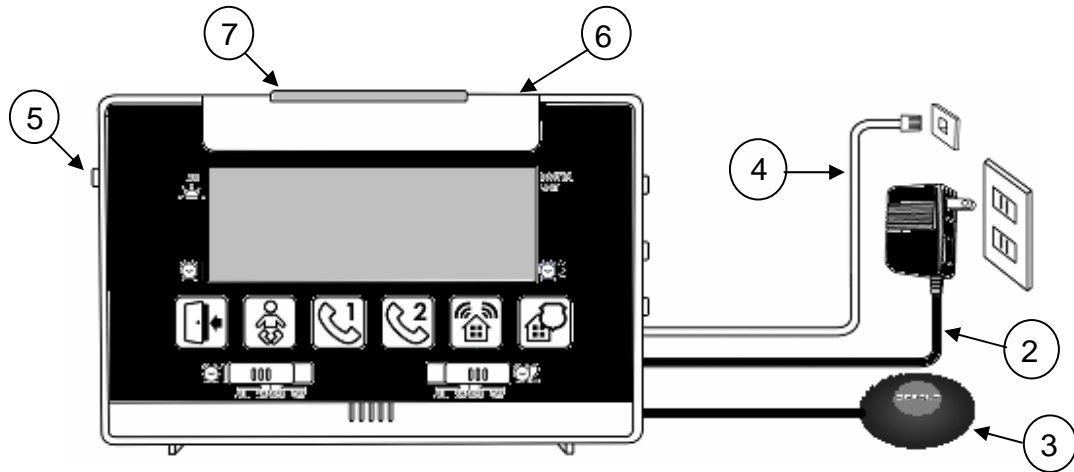
Additional wireless sensors, bed-shakers, and remote receivers may be purchased to cover a larger home or office. New sensors must be registered to the Master-Unit before they can be recognized (See Adding an Extra Doorbell).

Four AA-size rechargeable NiMH batteries (not included) provide 48-hours of power outage backup. This backup duration is the longest in its class.

Package Contents:

Master-Unit

Doorbell

AC Cord

Bed shaker

Phone Cord

CentralAlert™
Visual Alert System
Manual

CentralAlert™
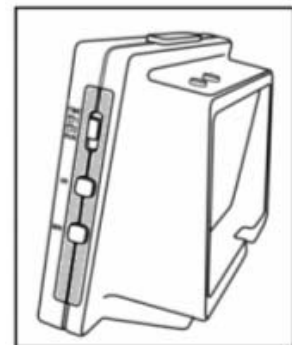Visual Alert System
Quick Guide

Master-Unit Installation and Testing:

1. Install four AA size **rechargeable NiMH batteries** (user provided) in battery compartment at bottom of unit. _Warning: Do not use regular batteries as charging of this type can cause battery leakage and damage to the CentralAlert_^{TM} _unit._ (The unit works without batteries; they may be inserted for back up, in case of power outage)
2. Plug AC adapter into nearest electrical outlet and connect adapter plug to **CentralAlert**^{TM} Master-Unit as shown.
3. Connect bed shaker to **SHAKER-1** output jack.
4. Connect phone cord to **PHONE-1** outlet at the back of Master-Unit, then plug the other end into wall phone jack.
5. Set the **SPEAKER** (⊲ - on left side of unit) to desired volume setting (**Hi-Lo-Off**).
6. Press **SOS** button on top of unit (next to Motion button) to test. Verify that alert outputs (speaker, flasher, shaker, and display) last for 30 seconds, then stop.
7. Verify that flasher can be toggled ON and OFF using **SNOOZE / RESET** button.

Set the Clock:
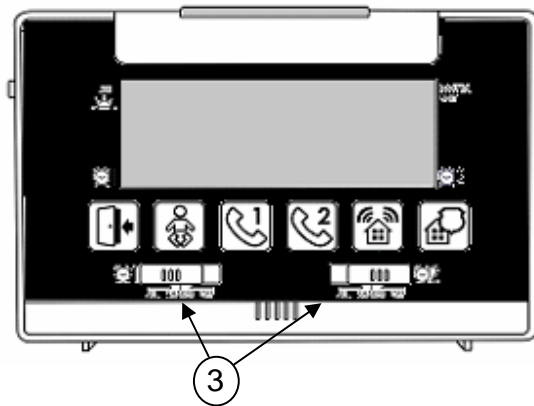1. Slide **SET** switch (on right side of unit) to **TIME** position and push **HR** & **MIN** buttons to set time. The unit's face will show the AM time with a lighted dot beside "Sun AM" icon. No dot means PM. Holding in **HR/MIN** switch to forward the hours will not work. Push button repeatedly.
2. After completing time setting, slide **SET** switch to **RUN** position for normal clock operation.

Set the Alarm Time:

1. Slide **SET** switch (on right side of unit) to **Alarm-1** (**AL 1**) position and set alarm time using **HR** and **MIN** buttons. Holding in **HR/MIN** switch to forward the hours will not work. Push button repeatedly.
2. After completing the setting, slide **SET** switch to **RUN** position for normal clock operation.
3. Select the front panel wake-up option on **SHAKER** or **ALL** setting. **SHAKER** means to wake-up via the "bed-shaking and flasher only" functions (using no speaker). **ALL** means waking-up via "bed-shaker, flasher, and speaker functions." The unit will read "AL 1" (or **AL 2**) when alarm goes off. *(Note: Alarm 1 & 2 lights will stay on – even if the alarms aren't set – unless you slide **ALL / SHAKER / OFF** switches to "Off" position)*

*(Note: To activate both bed shaker outputs simultaneously, both **Alarm-1** and **Alarm-2** must be set to the same wake-up time.)*

4. The alarm clock activates for 30-seconds at set time then stops for 5 minutes. This pattern will repeat for an entire hour.
5. While alarm clock is being activated, a quick press of **SNOOZE / RESET** button stops alarm for 5 minutes.
6. A long (3-second) press of the same button turns off alarm until the next day.
7. Slide front panel **ALL / SHAKER / OFF** option switch to **OFF** position to permanently turn off alarm.

Select 12 / 24 Hour Mode:

1. The factory default clock setting is on 12-hour mode.
2. While in **SET CLOCK** mode (set switch to **TIME** position), pressing and holding **SOS** button for 5 seconds changes setting to 24-hour mode.
3. Repeat Step 2 to change setting back to 12-hour mode.
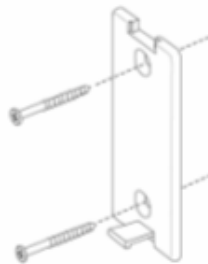
Telephone Function Test:

1. Place a call to the phone number corresponding to **PHONE -1**.
2. Verify that all alerting outputs operate properly while phone is ringing.
3. Verify that by answering the call (from any phone), all alerting outputs stop immediately.
4. The **PHONE -2** jack is available for connection to a second phone-line. This second line can be a regular phone line, FAX line, or video-phone line.

Doorbell and Test:

1. Insert one "coin battery" into doorbell unit (use a small screwdriver to open back of doorbell casing).
2. Activate doorbell button 50 ft from **CentralAlert**^{TM} Master-Unit. Confirm that all alerting outputs respond correctly and last for 30 seconds. Verify that display shows **dr – 1.**
3. Separate mounting plate from doorbell and install plate near door using two wood screws as shown below.
4. Complete installation by snapping doorbell back onto mounting plate.

1. Press on the latch to separate the doorbell from the plate

2. Mount the plate to the door or wall

3. Snap the doorbell back onto the plate

Accessories For the **CentralAlert**^{TM} Master unit:

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 extra wireless door-bell unit
Model CA-DX:	A wireless door knocking sensor
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 pager
Model CA-RX:	A CentralAlert remote unit that serves as a receiver to expand system coverage area
Model CA-SOS:	A wireless personal pendent for paging help.
Item CL-9004:	Lanyard, to be used with the CA-SOS pendant accessory
Model BS-100:	An extra bed-shaker
Model 4AA-BATT:	A pack of four AA size NiMH rechargeable batteries

1. **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, a product identifier of [US:SNEMO10B-CA1]. If requested, this number must be provided to the telephone company.

If this equipment, Central Alert, 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 irs facilities, 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 tariffs. 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 [1.0B],
      C. The USOC jack required [RJ11C], and
      D. The FCC Registration Number [US:SNEMO10B-CA1].

Items (B) and (D) are indicated on the label. The ringer equivalence number (1.0B) is used to determine how many devices can be connected to your telephone line. In most areas, 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.

1. **Warranty service information**
    Your **CentralAlert**™ 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.

2. **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 (1.0B) 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 RJ11.

    The 1.0B 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 1.0B, contact your local telephone company to determine the maximum 1.0B 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 right to file a complaint with the FCC.

Your telephone company may make 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, disconnect 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 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 cordless phone.

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.

3. **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. 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 (0.3A) 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 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.

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