

English



Sonic Alert

America's Leader in Visual Alerting Systems.

Model SBH400SS-V3

Sonic Boom Alarm Clock & Bed Shaker & 5-Level Dimmer



OPERATION INSTRUCTIONS

IMPORTANT – Please read these instructions carefully before use and retain for future reference. See operating instructions on back.
– Use only the supplied Or recommended Sonic Alert adaptor to connect the unit.

Warning: To prevent fire or shock hazard do not expose this appliance to rain or moisture. Before connecting to mains/power make sure that the requirements specified on the apparatus corresponds to the available power supply i.e. AC100 –240V~.
– The ventilation should not be impeded by covering the ventilation openings with items such as, newspaper, table cloth, curtains, etc;
– No naked flame sources, such as lighted candles should be placed on the apparatus.
– It shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.
– Do not place the product in closed bookcases or racks without proper ventilation.
– Where the mains/power plug is used as the disconnect device, the disconnect device shall remain readily operable

GENERAL DATA

Use AC-DC Power Adaptor
Power Consumption: Adaptor DC9V ~ .650mA
UL listed transformer (Underwriters Laboratories) for USA
CE Approved transformer for Europe

Test Mode:

- 1) Press and hold the Snooze and Time buttons for 3 seconds to enter the Test Mode. The display will show "7ES7" to indicate it is in TEST Mode.
- 2) If within 1 minute no button is pressed, then it will exit the Test Mode and return back to the Time Mode.
- 3) Press any button within 1 minute (except the Snooze & Time buttons, which has no effect), it will exit the Test Mode immediately.
- 4) While in Test Mode, sliding the Alarm Function Switch (13) will demonstrate the different functions of the clock:
 - a) Alarm Function Switch at OFF, it will have a continuous "Vee" sound to indicate it is in the Test Mode.
 - b) Alarm Function Switch at BUZZ, it will demonstrate the buzzer sound.
 - c) Alarm Function Switch at VIB, it will demonstrate the vibrator.
 - d) Alarm Function Switch at VIB & BUZZ, it will demonstrate the buzzer sound & the vibrator.
- 5) After finish with the Test Mode, press any button (except the Snooze & Time buttons, which has no effect) it will exit the Test Mode immediately.

INSTRUCTIONS

ALARM CLOCK WITH BED SHAKER & 5-LEVEL DIMMER

MODEL: SBH400SS-V3

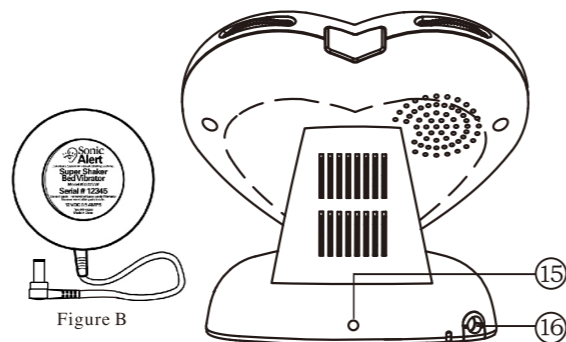
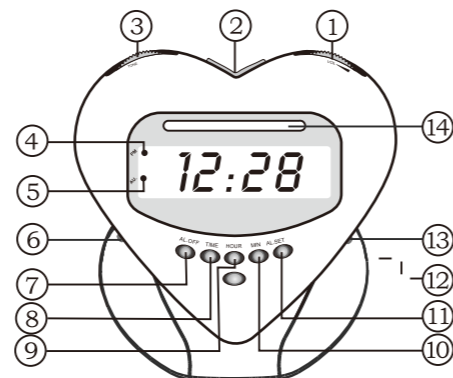


Figure B

Features:

- | | | |
|--|--------------------------------------|--|
| 1) Volume Control | 6) Vibrator Strength Control | 11) Alarm Set button/
Alarm Duration Time |
| 2) Snooze Button/
Snooze Duration Time/
Dimmer Control | 7) Alarm Off Button | 12) Battery Cover |
| 3) Tone Control | 8) Time Set Button | 13) Alarm Function Switch |
| 4) PM Indicator | 9) Hour Button/
12 or 24 Selector | 14) Flashing LED |
| 5) Alarm Indicator | 10) Minute Button | 15) DC Power Input |
| | | 16) Vibrator Input |

INSTALLATION

DC 9V Power Input

Attach the DC power supply input to the back of clock at **DC9V IN (15)**.
Important: do not confuse DC input with vibrator input.

Vibrator – Figure B

- 1) Attach the bed shaker jack to the back of the clock at **VIBRATOR input (16)**.
- 2) Place shaker under mattress (best) or pillow.

OPERATION

Setting the correct time –

- 1) Press and hold the **Time Button (8)** at the same time press the **Hour Button (9)** to advance the clock display rapidly until the hour is correct.
- 2) Press and hold the **Time Button (8)** at the same time press the **Minute Button (10)** to advance the clock display rapidly until the hour is correct.
A **lighted dot (4)** in the upper left of the clock display indicated the time is PM. For AM time indication, the dot will not light up.

Setting the alarm time –

- 1) Press and hold the **Alarm Set Button (11)** at the same time press the **Hour Button (9)** to advance the clock display rapidly until the hour is correct.
- 2) Press and hold the **Alarm Set Button (11)** at the same time press the **Minute Button (10)** to advance the clock display rapidly until the hour is correct.
A **lighted dot (4)** in the upper left of the clock display indicated the time is PM. For AM time indication, the dot will not light up.

Selecting 12 or 24 hours format –

Clock is set to 12 hour as the default setting for USA, UK; 24 hour for Europe.

Press and hold the **Hour button (9)** for 6 seconds to enter the hour selection mode, release the **Hour button (9)** when the display shows "12 H" or "24 H". Press and release the hour button to toggle between 12 or 24 hours. If no selection is made within 4 seconds, then the last displayed hour format will be chosen and the display will return to the normal Time mode.

Waking to Alarm –

- 1) Set **Alarm Function Switch (13)** to choose "VIB", "BUZZ" or "VIB / BUZZ".
- 2) Set the desired volume using the **Volume Knob (1)** for buzzsound.
- 3) Set alarm wake time per instructions "**Setting Alarm Time**" above.
- 4) When the alarm sounds the **Flashing LED light (14)** will flash continuously, until the alarm is stopped. This will work under all three wake up modes.
When the alarm is activated, alarm pattern of the buzzer / flashing light will be out of sync with the vibrator. This means that when the buzzer / flashing light is ON, the vibrator will be OFF, while the buzzer / flashing light is OFF, the vibrator will be ON.

Adjusting The Alarm Duration Time

The default alarm duration time setting is 30 minutes, you may adjust the alarm duration between 1 minute and 59 minutes as desired. To adjust the alarm duration:

- 1) Press and hold the **AL. SET button (7)** for six seconds. The clock display will show the default alarm duration as '30'. Release the AL set button.
- 2) Press the **"MIN" button (10)** to adjust the alarm duration to the desired setting, from 1 minute to 59 minutes.
- 3) When the display is showing the desired alarm duration time, it will return to the normal clock mode after 3 seconds. The new alarm duration time setting becomes the new default and remains in the memory until you change it again.

Battery Backup –

To use the battery backup, you can install a 9-volt alkaline battery in the back of the clock located under the **Battery cover (12)**. Battery to be purchased separately. Note the LED display will not show during power failure but the clock will still be running and keeping Proper time until the power comes back. During a power failure, the alkaline battery can only keep the clock IC running for up to 30 days. (During a Power failure, the LED display will not show the time.)

NOTE: For the best results it is recommended that the battery be changed every 6 months. If the clock is not used for a while, it is recommended to remove the battery to avoid leakage

Shutting Off Alarm –

- Alarm can be shut off temporarily for the day or shut off permanently.
- 1) When the alarm goes off, simply press the **AL. Off button (7)** the alarm will shut itself off for the day and come back on the next day at the same time if the alarm setting has not changed.
 - 2) To shut off the alarm permanently, slide **ALARM Function Switch (13)** to of position. Alarm will not come on until **ALARM Function Switch (13)** is set to "VIB" or "BUZZ" or "VIB/BUZZ" position

Snooze Operation–

When the alarm turns on in the morning you may press the **SNOOZE Button (2)** to stop the alarm temporarily. The alarm will shut off for 9 minutes or for the predetermined time you select from 1-30 minutes, and then turn on again. The snooze operation may be repeated indefinitely until the alarm is turned off.

Adjusting The Snooze Time

- The default snooze time setting is 9 minutes but you may adjust the snooze time between 1 minute and 30 minutes as desired. To adjust the snooze time:
- 1) Press and hold the **SNOOZE button (2)** for four seconds. The clock display will show the default snooze time '9'. Release the snooze button.
 - 2) Press the **" MIN" button (10)** to adjust the snooze time to the desired setting, from 1 minute to 30 minutes.
 - 3) When the display is showing the desired snooze time, it will return to the normal clock mode after 3 seconds. The new snooze time setting becomes the new default and remains in the memory until you change it again.

Volume –

To adjust the volume rotate the **Volume wheel (1)** located on the right hand side.

Tone –

Adjust the tone by rotating the **Tone wheel (3)** located on the left hand side.

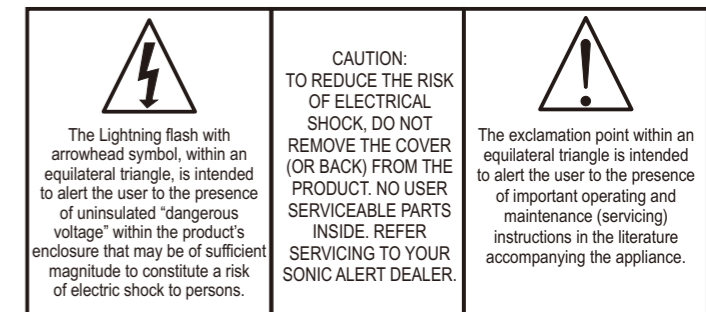
Dimmer Operation –

There is a 5-level brightness control for the LED display. Press the **SNOOZE button (2)** once to change the display brightness. The brightness will cycle from 5-4-3-2-1-2-3-4-5 (from bright to dim then from dim to bright).

***NOTE:** The dimmer function will not work, when the clock is in snooze mode.

Bed Shaker / Vibrator Strength Control

Slide the Vibrator Strength switch (6) to adjust the vibrator strength, Hi setting is the stronger and the Lo setting is the weaker.



The Lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

CAUTION:
TO REDUCE THE RISK OF ELECTRICAL SHOCK, DO NOT REMOVE THE COVER (OR BACK) FROM THE PRODUCT. NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO YOUR SONIC ALERT DEALER.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

WARNING: TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

- Attention should be drawn to the environmental aspects of battery disposal.

- This icon indicates separate disposal for electrical and electronic equipment.

Normal function may be disturbed by strong electromagnetic interference. If this is the case, normal function can be resumed by simply resetting the unit following the procedure in the instructions manual. If function does not resume, try moving the unit to another location.

SONIC ALERT'S 1 YEAR LIMITED WARRANTY

The Sonic Boom Alarm Clock Model SBH400ss is warranted against manufacturing defects in materials and workmanship for (1) year from the date of purchase. Within this period Sonic Alert will repair or replace at our option the SBH400ss without charge for parts and labor. Simply contact our customer service department to obtain an RA (return authorization number) and instructions on how to process your product for return. Call 1-888-864-2446 or e-mail to RMA@sonicalert.info. You'll need a copy of your receipt to process the return authorization.

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