English

Sonic Alert
America's Leader in Visual Alerting Systems.

Model SBH400SS
Sonic Boom Alarm Clock & Bed Shaker

With Test Mode
For details see below

OPERATION INSTRUCTIONS

IMPORTANT – Please read these instructions carefully before use and retain for future reference. See operating instructions on back.
- Use only the supplied AC-DC 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 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 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 Function Switch will demonstrate the different functions of the clock:
   a) Function Switch at OFF, it will have a continuous "Vee" sound to indicate it is in the Test Mode.
   b) Function Switch at BUZZ, it will demonstrate the buzzer sound.
   c) Function Switch at VIB, it will demonstrate the vibrator.
   d) 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.
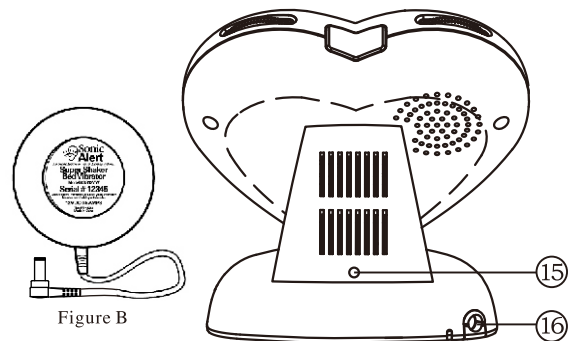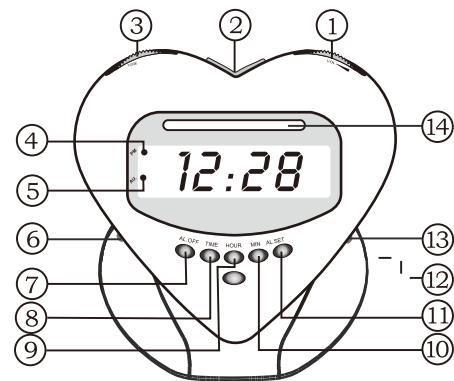
Figure B

Features :
1) Volume Control
2) Snooze Button
3) Tone Control
4) PM Indicator
5) Alarm Indicator
6) Dimmer Switch
7) Alarm Off Button
8) Time Set Button
9) Hour Button
10) Minute Button
11) Alarm Set Button
12) Battery Cover
13) Function Switch
14) Flashing Display
15) DC Power Input
16) Vibrator Input

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 –
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 **Function Switch (13)** to choose "VIB", "BUZZ" or "VIB / BUZZ".
2) Set desired **Volume (1)** for buzzsound.
3) Set alarm wake time per instructions **"Setting Alarm Time"** above.

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 (11)** 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 aviod 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 **Function Switch (13)** to of positon. Alarm will not come on until **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.

Alarm –
Set the alarm time you wish and slide the **Function Switch (13)** to the desired position. Set to VIB for bed shaker and BUZZ for sound, or VIB/BUZZ for both.

Tone –
Adjust the tone by rotating the **Tone wheel (3)** located on the right hand side just below the **Volume wheel (1)** until you reach the desired level.

Volume –
To adjust the volume rotate the **Volume wheel (1)** located on the upper right hand side.
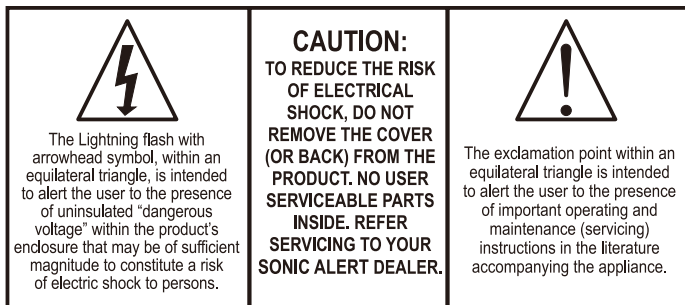
Dimmer –
The brightness of the LED clock display can be adjusted using the Dimmer Switch (6). Two intensity, Hi / Low can be set.

Bed Shaker / Vibrator – Figure B
1) Attach the bed shaker jack to the back of the clock at **VIBRATOR input (16).**
2) To turn vibrator slide **Function Switch (13)** to VIB or VIB / BUZZ position.
3) Place vibrator under mattress or pillow.

DC 9V Power Input –
Attach the DC power supply input to the side of clock at **DC9V IN (15)** next to the **VIBRATOR input (16),** smaller input of the two. Important: do not confuse DC input with vibrator input.

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 indicating separate collection for electrical and electronic equipment.

Recycling & the WEEE directive

At the end of their useful life, the packaging, product and batteries should be disposed of via a suitable recycling centre. Do not dispose of with your normal household waste. Do not burn.

Recycling
All plastic and metal parts are recyclable. The printed circuit board may be sent to any PCB recovery contractor to recover some of the components for any metals such as gold and silver.

Local recycling: your l ocal library or district council will also have information about recycling in your area.

WEEE stands for Waste Electrical and Electronic Equipment
The Directive aims to reduce the waste arising from electrical and electronic equipment; and improve the environmental performance of all those involved in the life cycle of electrical and electronic products.

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