

99.00mm

MODEL:SB700 093-SB700-001rev01



English

Model: SB700

Sonic Blast Alarm Clock with Projector

SAFETY INFORMATION

**IMPORTANT** – Please read these instructions carefully before use and retain for future reference. Only use the supplied or recommended Sonic Alert adaptor to connect the unit.

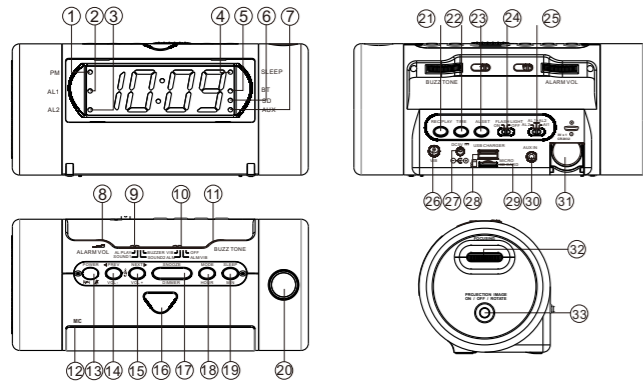
**Warning:**

- To prevent fire or shock hazard do not expose this appliance to rain or moisture.
- 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 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**

UL listed Power Adaptor: AC100-240V~, 50/60Hz  
Power Consumption: Adaptor Output: DC5V ---, 2200mA  
USB Charging: Max 1A  
SD Card: Max size supported 32GB (FAT32 format)  
Bluetooth: v4.2

CONTROLS & INDICATORS



**Features**

- |                             |                                 |                                      |
|-----------------------------|---------------------------------|--------------------------------------|
| 1) PM Indicator             | 13) Power /AL. Off /Sleep Off   | 24) Flash Light On/Off               |
| 2) Alarm 1 Indicator        | 14) Previous Track/ Music Vol - | 25) Alarm Selector                   |
| 3) Alarm 2 Indicator        | 15) Next Track / Music Vol +    | 26) 5V vibrator input                |
| 4) Sleep Indicator          | 16) Alarm Strobe Light          | 27) Power Adaptor input DC5V         |
| 5) BT Indicator             | 17) Snooze / Display Dimmer     | 28) USB Charging Port                |
| 6) SD Indicator             | 18) Mode / Hour                 | 29) Micro SD Card slot               |
| 7) AUX Indicator            | 19) Sleep On / Min              | 30) AUX Input                        |
| 8) Alarm Volume Wheel       | 20) Projector Lens              | 31) Backup Battery Compartment       |
| 9) Alarm Sound Selector     | 21) Record /Record Playback     | 32) Projector Focus                  |
| 10) Alarm Function Selector | 22) Time Set                    | 33) Projection ON/Off / Image Rotate |
| 11) Buzzer Tone Wheel       | 23) Alarm Set                   |                                      |
| 12) Mic Input               |                                 |                                      |

SETUP AND POWER UP THE CLOCK

**Power Up this Unit**

- 1) Unpack the unit, the DC power adapter and prepare 1 piece of CR2032 coin size battery (to be purchased separately). Remove all packing materials from the alarm clock.
- 2) Open the **Battery cover (31)**. Insert the new battery into the compartment while observing the polarity and replace the battery compartment cover. (Backup battery is optional. Not installing this battery the unit will still work.)
- 3) Fully unwind the cord of the DC power adapter. Connect the male plug of the adapter to the **DC5V Input (27)** on the back of the clock. Insert the power adaptor into an AC outlet. We suggest that you use an outlet that is always 'live', not an outlet controlled by a wall switch.

ONLY use the supplied Power Adaptor to operate this unit, the use of third party power adaptor is not recommended.

- 4) Attach the bed vibrator to the **VIBRATOR INPUT (26)** to the back of clock (if supplied). If no vibrator is supplied as standard, then model, SS5V can be purchased as an option.
- 3) Place vibrator between mattress and box spring.

OPERATING INSTRUCTION

**Set the Time**

- 1) Press and hold the **TIME Button (22)** and at the same time press the **HOUR Button (18)** or the **MIN button (19)** to advance clock display until you have desired time.
- 2) The **lighted dot (1)** located in upper left corner of the clock display indicates the time is PM. For AM time, this dot will not light up.

**Selecting Hours Format (12hr or 24 hr)**

- 1) Press and hold the **HOUR Button (18)** for 6 seconds to enter the hour selection mode, release the **HOUR Button (18)** when the display shows "12 H" or "24 H".
- 2) Short press the **HOUR Button (18)** to toggle between 12 or 24 hours.

**Set the Alarm Time**

**Setting Alarm 1**

- 1) Slide the **ALARM SELECTOR (25)** to **AL1** position, the alarm indicator **AL1 (2)** will light up.
- 2) Press and hold the **ALARM SET (23)** button and at the same time press the **HOUR Button (18)** or the **MIN button (19)** to advance clock display until you have reached the desired alarm setting.
- 3) Make sure alarm time is correctly set for AM or PM (For 12 hour format).

**Setting Alarm 2**

- Slide the **ALARM SELECTOR (25)** to **AL2** position, the alarm indicator **AL2 (3)** will light up. Then repeat step 2 and 3 above to set alarm 2.

**Alarm -**

**Enable Alarms:**

- 1) To enable Alarm 1 or Alarm 2, slide the **ALARM SELECTOR (25)** to their appropriate position. The alarm indicator **AL1 (2)** or **AL2 (3)** will light up accordingly.
- 2) To enable both alarms, slide the **ALARM SELECTOR (25)** to AL1+AL2 position, the alarm indicators **AL1 (2)** and **AL2 (3)** both will light up.
- 3) Slide the **ALARM FUNCTION selector (10)** to your desired wake up method, i.e. Vibrate only (VIB), Sound (ALM) or both.

**Shutting Off the Alarm -**

- Alarm can be shut off temporary for the day or permanently shut off.
- 1) When alarm goes off, press the **POWER (13)** button to turn off for the day and repeat at the same time the next day, if alarm settings have not changed.
  - 2) To shut the alarm off permanently, slide the **ALARM FUNCTION (10)** to the **OFF** position.
- NOTE: The Alarm Off function of Alarm 1 and Alarm 2 is independent of each other.**

**Snooze Operation -**

- 1) When the alarm turns on in the morning you may press the **SNOOZE Button (17)** to stop the alarm temporarily. The alarm will shut off for 7 minutes or for a predetermined time (see section under Adjusting The Snooze Time) and then turn on again. The snooze operation may be repeated indefinitely within 59 minutes.
- 2) The snooze function of Alarm 1 and Alarm 2 are independent of each other.

**To Select Wake up Alarm Sound**

- To select the wake up alarm sound, slide the **ALARM SOUND SELECTOR (9)** to your desired position:-
- a) AL. Play for Recording
  - b) Sound 1 & 2 for internal pre-recorded sound
  - c) BUZZER for buzzer sound

**Using the Sleep Mode**

The Sleep mode lets you set the sleep timer for your music or internal sound. The sleep timer can be set from 15 to 90 minutes in 15 minutes interval.

- 1) A short press of the **SLEEP button (19)** to enter the SLEEP timer setting, **Snooze dot (4)** lighted up.
- 2) The default sleep timer setting is 90 minutes. A further short press of the **SLEEP button (19)** to change the timer time at interval of 15 minutes (90 / 60/ 45/ 30/ 15).
- 4) To cancel the Sleep Timer before it counts down to "0", a short press of the **POWER button (13)** to turn off the Sleep mode.
- 5) Once entered the sleep mode, a short press of the **MODE (18)** to select the below different play mode:
  - a) internal pre-recorded sound
  - b) BT (bluetooth)
  - c) SD card
  - d) AUX input
- 6) a) The internal pre-recorded playback volume can be adjusted by using the **Alarm Volume Wheel (8)**.  
b) The BT, SD Card, AUX playback volume can be adjusted by using **Vol - (14)** and **Vol + (15)**.

**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 (23)** for 6 seconds. The clock display will show the default alarm duration as '30'. Release the **AL. SET button (23)**.
  - 2) Press the **HOUR (18)** or **MIN button (19)** to adjust the alarm duration to the desired time, from 1 minute to 59 minutes.
  - 3) It will return to the normal clock mode after 3 seconds of idle. The new alarm duration time setting becomes the new default and remains in the memory until it is changed.

**Adjusting The Snooze Time -**

- The default snooze time is 7 minutes but you may adjust the snooze time between 1 and 30 minutes as desired. To adjust the snooze time:
- 1) Press and hold the **SNOOZE Button (17)** for 3 seconds to enter the setting mode. The clock display will show the default snooze time '7'. Release the **SNOOZE Button (17)**.
  - 2) Press the **MIN Button (19)** to adjust to the desired the snooze time, from 1 to 30 minutes.
  - 3) It will return to the normal clock mode after 3 seconds of idle. The new snooze time setting becomes the new default and remains in the memory until it is changed.

**Dimmer Operation**

Clock Display: Press the **DIMMER button (17)** once to change the display brightness. There is a 5-level brightness control for the LED display.

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

**Volume & Tone Control**

- 1) To adjust the alarm volume, rotate **VOLUME wheel (8)**.
- 2) To adjust the alarm Buzzer tone, turn the **TONE wheel (11)**, the tone can be set from 800 - 1400Hz.

**USB Charging Function (DC5V, 1A)**

This alarm clock is equipped with a dedicated USB charging port on the back of the clock that allows you to recharge many brands of mobile phones, portable music players, and other handheld devices that are supplied with USB charging cable. The output rating of the USB charging port is 1A.

To charge your device, connect the USB charging cable that was supplied with your handled device to the **USB charging port (28)** on the back panel of this alarm clock.

**BT Speaker**

**1) Paring**

- a) When the clock is in standby (i.e. just display the clock, and nothing is on), press and release the **POWER button (13)** to turn on this feature, the **BT dot (5)** will flash to indicate it is searching for another BT device.
- b) In the mobile phone or tablet or mobile device, turn on the BT. Then search for "Sonic Blast Alarm Clock" and connect. Once connected, music can be played through the speaker of SB700.
- c) The volume of the music can be adjusted through the control of eh mobile device.
- d) To turn off the speaker, short press of the **POWER button (13)**.

**2) BT quick connection and disconnection**

- a) When the BT is connected, press **VOL + (15)** and **VOL - (14)** to connect (you will hear "connection" and **BT light (5)** light up). Press **VOL + (15)** and **VOL - (14)** again to disconnect (you will hear "disconnection" and **BT light (5)** flash).

**Listening to Music**

There are three ways you can listen to music:

- 1) through **BT (2)** through SD card
  - 3) through **AUX input**.
- To adjust the listening volume, press and hold the **VOL - (14)** button to decrease the volume. Press and hold the **VOL + (15) button** to increase the volume.

**1) Music through BT**

- a) Press and release the **POWER button (13)** to turn on the unit, press play on the mobile device to start playing music.

**2) Music through Micro SD Card**

- a) Plug the Micro SD card into **SD socket (29)**.
- b) Press and release the **POWER button (13)** to turn on the unit. A short press of the **MODE button (18)** to select the "SD" mode. Then the music will start playing.

**<The below song selection applies only to music from BT and SD card>**

- a) To select the next song, a short press of **NEXT (15) button** once; to select the previous song, a short press of the **PREV (14) button** once.
- 3) **Through AUX Input**  
To connect the mobile device and the alarm clock, you need a 3.5mm to 3.5mm cable.
  - a) Plug the one end of the 3.5mm cable into the **AUX input (30)** and the other end into the mobile device (e.g MP3 player, mobile phone, ipod etc.)
  - b) Press and release the **POWER button (13)** to turn on this feature. A short press of the **MODE button (18)** to select the "AUX" mode, the **AUX light (7)** will light up. Then the music will start playing. Use mobile device to select songs.

**Clock Projection**

- 1) Point the projection lens to the wall, press the **Projection ON/OFF button (33)** to turn on the projection function. Press the **Projection Rotate button (33)** to rotate the projected image.
- 2) Use the **Focusing wheel (32)** to focus the projection lens to make a clear projection image.

**Voice Recording & Playback**

**Voice Recording**

- 1) Press and hold the **REC/PLAY button (21)** for one second, then you will hear a beep to indicate that it has entered the recording mode.
- 2) Speak to the **MIC (12)** to be recorded.
- 3) There will be two beeps to indicate it is the end of the recording. The recording can be up to a maximum of 20 seconds.

**Voice Recording Playback**

- 1) To playback the voice recording, a short press of **REC/PLAY button (21)**.

**Test Mode**

- The test mode is used to test the basic function of the clock.
- 1) Hold the **TIME (22)** and **SNOOZE (17)** for 3 seconds to enter the test mode.
  - 2) Slide the **FUNCTION SELECTOR (10)** to test the different functions.
  - 3) To exit press **POWER button (13)** or it will auto exit after 1 minute of inactivity.

FCC Statement

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.  
(2) This device must accept any interference received, including interference that may cause undesired operation.

Note: The grantee is not responsible for any changes or modifications not expressly approved by the party responsible for compliance. Such modifications could void the user's authority to operate the equipment.

**NOTE:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a 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, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance of 20 cm between the radiator and your body.

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 Blast Alarm Clock Model SB700 is warranted against manufacturing defects in materials and workmanship for one (1) year from the date of purchase. Within this period Sonic Alert will repair or replace at our option the SB700 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.

Sonic Alert Inc., Troy MI 48083 USA

**Sonic Alert**  
Sonic Alert, Troy, MI 48083  
www.SonicAlert.com 1-888-864-2446

Made in China

093-SB700-final Rev02

210.00 mm