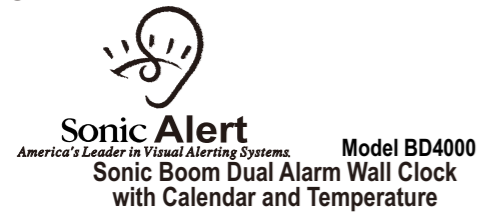


99.00mm

06-11-2014

English



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 in that country i.e. AC100-240V~, 50/60 Hz.

- 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.

**MAINTENANCE:** Use only damp cloth to clean the lens and the frame. Do not use thinner, alcohol, or any other cleaning agent to clean the lens or the frame, failure to do so may result in damage to the coating on the lens or the frame.

GENERAL DATA

Adaptor Input: AC100-240V~ 50/60Hz Output: DC9.5V =, 370mA   
Clock Battery: AAA size (UM4/R03) x 3 pieces  
Remote Battery: AA size (UM3/R6) x 2 pieces

1) Installing the Clock and Remote Control

Please check the mains specification before plugging into the socket. Plug the power adaptor into the DC input jack (8), then plug the adaptor into the wall socket. The clock digit will flash to indicate it is working properly.

1.1) Clock DC Backup (Optional)

Insert a 4.5-Volt (3 pcs x AAA size) battery into the Battery Compartment (7). Please make sure fresh batteries are used (Do not mix new and old batteries). This function prevents the clock time from being lost due to power failure. (Note: The LED display will not show during power failure but the battery will keep the clock IC running until the power is restored).

1.2) Remote Handset

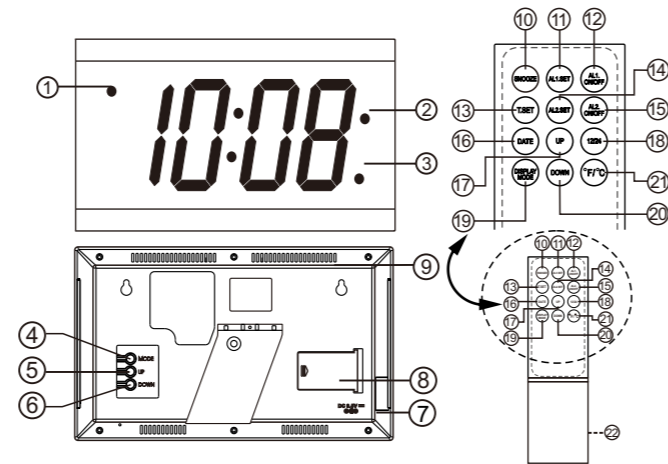
Insert 3 Volts (2 pcs x AA size) batteries into the Battery Compartment (22). (If the remote handset is not used for a long time, then it is advisable to remove the batteries).

2) Setting the Clock

**NOTE: After entered into each setting mode, if no action is taken within 3 seconds (except setting minute, no action within 60 seconds), it will exit that setting mode and return normal time mode.**

There are two ways to which you can set the time either by the buttons on the back of the clock or using remote handset.

DUAL ALARM WALL CLOCK  
MODEL BD4000



FEATURES

For Clock

1. PM indicator (for 12 Hr mode only)
2. Alarm 1 ON indicator
3. Alarm 2 ON indicator
4. Mode button
5. Up button
6. Down button
7. Battery compartment
8. DC Adaptor Input Socket
9. Mounting Hole

For Remote Handset

10. Snooze button
11. Alarm 1 Set
12. Alarm 1 ON/OFF
13. Time Set
14. Alarm 2 Set
15. Alarm 2 ON/OFF
16. DATE
17. UP
18. 12/24 hour
19. Display Mode
20. Down
21. Temp °C / °F
22. Battery Compartment

Using button on the clock

2.1) Setting the Clock

2.1.1 Setting Alarm 1

- a) Press MODE button (4) to enter the Alarm 1 setting mode. The hour digit and the AL1 indicator (2) will flash, then press UP (5) or DOWN button (6) to adjust the hour.
- b) Press the MODE button (4) again to toggle to adjust the minute. The minute digit will flash, then press UP (5) or DOWN button (6) to adjust the minute.

2.1.2 Setting Alarm 2

- a) Follow from above, press MODE button (4) to enter the Alarm 2 setting mode. The hour digit and the AL2 indicator will flash, MODE button (4), then press UP (5) or DOWN button (6) to adjust the hour.
- b) Press the MODE button (4) again to toggle to adjust the minute. The minute digit will flash, then press UP (5) or DOWN button (6) to adjust the minute.

2.1.3 Setting Hour Format (12H or 24H)

- a) Follow from above, press MODE button (4) to enter the Hour Format setting mode. The display will show "12H" or "24H", then press of the UP button (5) to toggle between "12H" for 12 hour format and "24H" for 24 hour format.

2.1.4 Setting Time

- a) Follow from above, press MODE button (4) to enter the TIME setting mode. The hour digit will flash, then press UP (5) or DOWN button (6) to adjust the hour.
- b) Follow from above, press MODE button (4) to enter the Minute setting mode. The minute digit will flash, then press of the UP (5) or DOWN button (6) to adjust the minute.

2.1.5 Setting Year

- a) Follow from above, press of the MODE button (4) to enter the Year setting mode. The Year digit will flash, then press UP (5) or DOWN button (6) to adjust the Year.

2.1.6 Setting Date Format (Day-Month, or Month-Day)

- a) Follow from above, press MODE button (4) to enter the Date Format setting mode. The display will flash nn dd or dd nn, then press UP button (5) to adjust the Date Format. . nn=month, dd=day.

2.1.7 Setting Month

- a) Follow from above, press MODE button (4) to enter the Month setting mode. The month digit will flash, then press of the UP (5) or DOWN button (6) to adjust the month.

- b) Follow from above, press MODE button (4) to enter the Day setting mode. The day digit will flash, then press of the UP (5) or DOWN button (6) to adjust the day.

2.1.8 Setting Temperature Unit (°C or °F)

- a) Follow from above, press of the MODE button (4) to enter the Temperature Unit setting mode. The display will flash, then a short press of the UP button (5) to adjust to °C or °F. Once all the above setting are completed, the display will return to the show the time.

Using Remote Handset

2.2.1 Setting Time

- a) Press and hold for 2 seconds the T. SET button (13) to enter the TIME setting mode. The hour digit will flash, then press UP (17) or DOWN button (20) to adjust the hour.
- b) Follow from above, press T. SET button (13) to enter the Minute setting mode. The minute digit will flash, then press of the UP (17) or DOWN button (20) to adjust the minute.

2.2.2 Setting Hour Format (12H or 24H)

- a) Press and hold for 2 seconds the 12/24 button (18) to enter the Hour Format setting mode. The display will show "12H" or "24H", then press of the UP button to toggle between "12H" for 12 hour format and "24H" for 24 hour format.

2.2.3 Setting Year

- a) Press and hold for 2 seconds the DATE button (16) to enter the Year setting mode. The Year digit will flash, then press of the UP (17) or DOWN button (20) to adjust the Year.

2.2.4 Setting Date Format (Day-Month, or Month-Day)

- a) Follow from above, press DATE button (16) to enter the Date Format setting mode. The display will flash, nn dd or dd nn, then press UP button (5) to adjust the Date format. (nn=month, dd=day).

2.2.5 Setting Month/ Day

- a) Follow from above, press DATE button (16) to enter the Month setting mode. The month digit will flash then press of the UP (17) or DOWN button (20) to adjust the month.
- b) Follow from above, press DATE button (16) to enter the Day setting mode. The day digit will flash then press of the UP (17) or DOWN button (20) to adjust the day.

2.2.6 Setting Temperature Unit (°C or °F)

- a) Press and hold for 2 seconds the °C/°F button (21) to enter the Temperature Unit setting mode. The current displayed temperature will flash, then press of the UP button (16) to toggle between °C or °F.

2.2.7 Setting Alarm 1 (AL.1)

- a) Press and hold for 2 seconds the AL.1 SET button (11) to enter the Alarm 1 setting mode. The hour digit and the AL1 indicator will flash, then press UP (16) or DOWN button (20) to adjust the hour.
- b) Follow from above, press the AL.1 SET button (11) to toggle to adjust the minute. The minute digit will flash, then press UP (17) or DOWN button (20) to adjust the minute.

2.2.8 Setting Alarm 2 (AL.2)

- a) Press and hold for 2 seconds the AL.2 SET button (14) to enter the Alarm 1 setting mode. The hour digit and the AL2 indicator will flash, then press UP (16) or DOWN button (20) to adjust the hour.
- b) Follow from above, press the AL.2 SET button (14) to toggle to adjust the minute. The minute digit will flash, then press UP (17) or DOWN button (20) to adjust the minute.

3) Activating the alarm

There are two ways to activate the alarm, either by using the buttons on the back of the clock or by using the remote handset.

3.1 Using Buttons on Clock

- 3.1.1 To turn on Alarm 1, press and hold for 2 seconds the UP button (17) the display and the AL1 dot (2) will flash to show the alarm time. Press UP button (17) to toggle the Alarm 1 ON or OFF. The AL.1 dot (2) will light up to indicate alarm 1 is ON.
- 3.1.2 To turn on Alarm 2, press and hold for 2 seconds the DOWN button (20) the display and the AL2 dot (3) will flash to show the alarm time. Press DOWN button (20) to toggle the Alarm 2 ON or OFF. The AL.2 dot (3) will light up to indicate alarm 2 is ON.

3.2 Using Remote Handset

- 3.2.1 To turn on Alarm 1, press and hold for 2 seconds the AL1 ON/OFF button (12) the display and the AL1 dot (2) will flash to show the alarm time. Press AL1 ON/OFF button (12) to toggle the Alarm 1 ON or OFF. The AL.1 dot (2) will light up to indicate alarm 1 is ON.
- 3.2.2 To turn on Alarm 2, press and hold for 2 seconds the AL2 ON/OFF button (15) the display and the AL2 dot (3) will flash to show the alarm time. Press AL2 ON/OFF button (15) to toggle the Alarm 2 ON or OFF. The AL.2 dot (3) will light up to indicate alarm 1 is ON.

**NOTE: Alarm 1 will beep 2 times every second, while Alarm 2 will beep 3 times every second.**

4) Stop the Alarm

When the alarm is sounded, the corresponding alarm indicator will flash to indicate that alarm is active. You can stop the alarm either by using the buttons on the back of the clock or by using the remote control.

4.1 Using Buttons on clock

Press any key on the back of the clock. The alarm will be stopped permanently for the day.

4.2 Using Remote Control

Press any key on the remote handset. The alarm will be stopped permanently for the day. If however, when the alarm is sounded and there is no user intervention, the alarm will sound for 5 minutes and then stopped permanently for the day.

5) Snooze

When the alarm is sounded, the corresponding alarm indicator will flash to indicate that alarm is active. On the remote handset, press SNOOZE button (10) the alarm will be turned off for 8-9 minutes for extra sleep. The alarm will come back again after 8-9 minutes. You may repeat this cycle many times.

6) Dimmer (5 Levels)

In normal Time mode, press the SNOOZE button (10) on the remote handset to change the display brightness. The brightness will cycle from bright to dim then from dim to bright.

7) Display Mode <<6 is the default setting>>

There are six different display mode for the user to select from:

- 7.1 Press and hold for 2 seconds the DISPLAY MODE button (19) to enter the display mode setting. Press the UP button (17) to cycle through the display mode list.

Display Mode List

- 1) H show just the TIME.
- 2) d show just the date.
- 3) 7E show just the temperature.
- 4) 6 shows the Time for 6 seconds, date for 2 seconds then Time for 6 seconds, Temperature for 2 seconds.
- 5) 15 shows the Time for 15 seconds, date for 2 seconds then Time for 15 seconds, Temperature for 2 seconds.
- 6) 30 shows the time for 30 seconds, date for 2 seconds then Time for 30 seconds, Temperature for 2 seconds.

8) Batteries

It is advisable to change the clock batteries every 6 - 9 months for optimal performance. Do not mix new and old batteries, for best results use Alkaline batteries.

If the remote handset is not used for a long time, then it is advisable to remove the batteries.

9) Wall Mount

This clock can be wall mount by using the mounting holes (9). The hole to hole distance is 200mm.

|   |   |  |
|---|---|--|
|   | CAUTION:<br>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 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. |   | 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 BD4000 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 BD4000 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 toRMA@sonicalert.info. You'll need a copy of your receipt to process the return authorization.

**Sonic Alert Warranty Center, 1081 West Innovation Dr., Kearney, MO 64060**



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

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