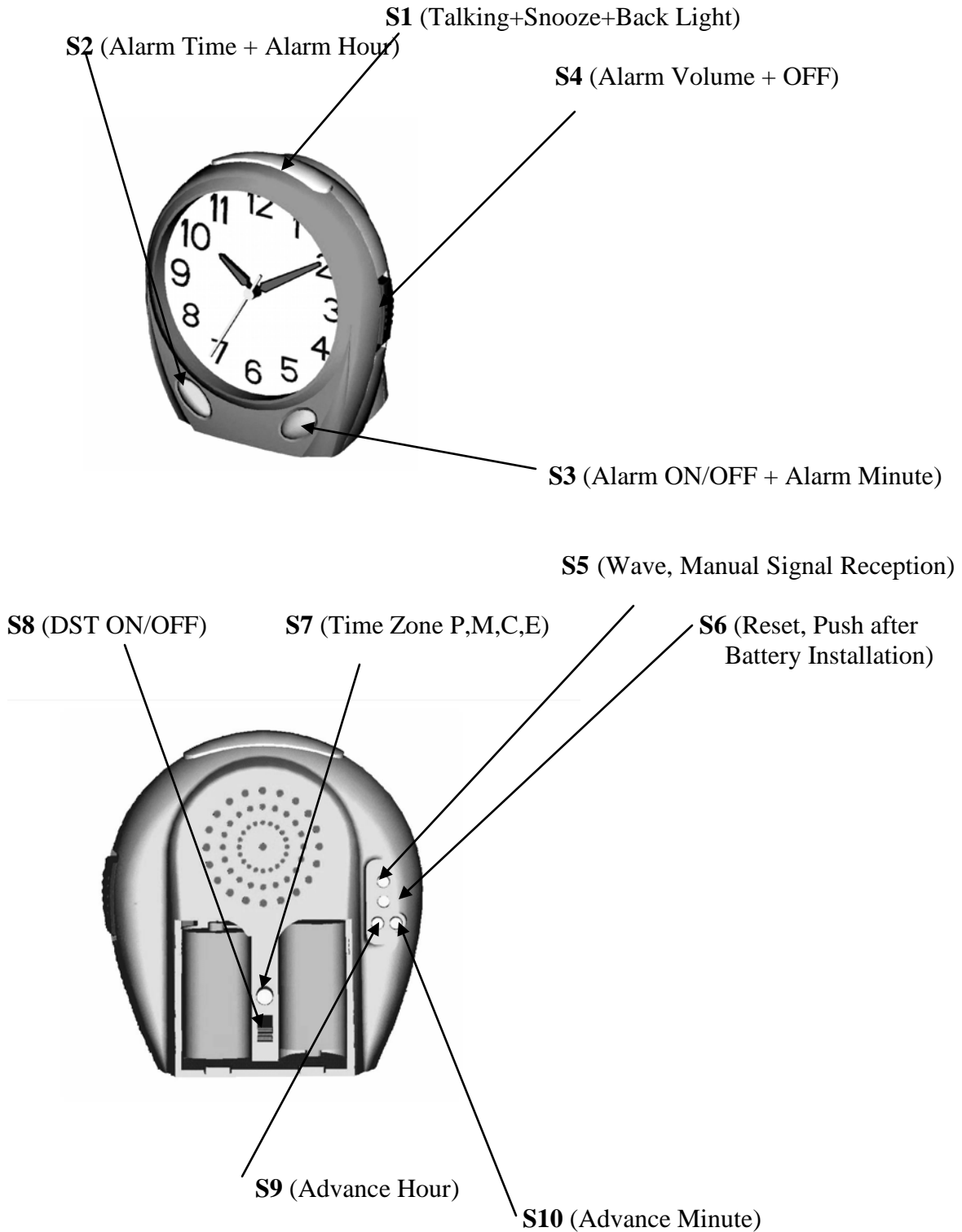


## Talking Atomic Alarm Clock Instructions



## **Button Function Quick Reference:**

- S1** Talking Time  
Talking Date  
Signal Reception Status  
Backlight  
Confirms setting functions
  
- S2** Announce Alarm Time  
Announce if Alarm is ON or OFF  
Set Alarm Time Hour
  
- S3** Turn Alarm ON /OFF  
Set Alarm Time Minute (only after setting Alarm Time Hour)
  
- S4** Volume Control (Off, Low, Medium, High)
  
- S5** Wave – Push to search for time signal immediately instead of waiting for automatic signal search overnight
  
- S6** Reset – Push after battery installation to reset clock and search for time signal
  
- S7** Time Zone Setting – Select your time zone (Pacific, Mountain, Central, Eastern)
  
- S8** DST On/Off – Always leave button ON year round (only exception is if you live in state without DST then push in to set to OFF.)
  
- S9** Hour – Manual Time Setting for the hour (Note: Date cannot be set manually due to the nature of this analog atomic clock. Only Time can be set manually.)
  
- S10** Minute – Manual Time Setting for minutes

Your Atomic Analog Talking Alarm Clock is a Single-Band Radio Controlled Clock and automatically picks up the correct time according to the USA Atomic Clock. The National Institute of Standards and Technology (NIST) radio station, WWVB, located in Ft. Collins, Colorado, continuously broadcasts the time signal at 60 KHz. This signal can be received up to 2,000 miles away where long wave (AM) radio reception is possible. The WWVB station derives its signal from the NIST Atomic Clock in Boulder, CO. Your clock automatically searches for the signal at 3:00AM every night. After reception of the signal the clock will set itself to show the official time. Everything is done automatically. Your Atomic Clock automatically adjusts for daylight savings time. Simply set your correct Time Zone and let the clock pick up the time signal to set the correct time. Your clock can also be manually set when traveling abroad where signal reception is not possible. Your clock can also search for signal reception at any time of day by pressing the Wave button on back of the clock.

***BEFORE FIRST TIME USE SET YOUR TIME ZONE! (see pg.6, USA Time Zone Setting, for instructions on how to set)***

***RESET BUTTON: If after installing 2 new "C" batteries the clock does not function, press the RESET button on back of the clock and wait for the clock to reset itself.***

***NOTE:*** Please wait whenever the clock hands are automatically spinning. The clock is setting the correct time. Your clock will resume running with the correct time automatically when the hands stop spinning fast. You will not be able to use any other function while the watch is setting itself.

### **Button Functions:**

***NOTE:*** The second hand must be running normally before you can initiate any button functions. Push S1 to confirm after changing any settings.

### **Time Talking (S1)**

Push S1 once to hear the Time (Hour, Minute, AM/PM)

### **Day Talking (S1)**

Push S1 twice to hear Day, Month, Date and Year

### **Reception Status Check (S1)**

1. Push S1 3 times to hear the reception status of the clock
2. If signal reception was successful, the clock will speak "Country name" follow by "Time Updated". Example "USA, Time Updated".
3. If signal reception failed, the watch will speak "Country name" follow by "Time Not Updated" for example "USA, Time not updated".

### **Alarm Time Talking (S2)**

#### **Check Alarm Time Setting:**

Press S2 once to check the Alarm Time Setting and Alarm Status (On/Off.)

#### **Turn Alarm ON/OFF:**

Press and Hold S3 for more than 3 seconds until you hear if the alarm is set to ON or OFF by listening for "Alarm ON" or "Alarm OFF."

Note: After checking the alarm time setting with S2, you should wait 1 minute if you want to hear the alarm time setting again or press S1 on top of clock to Confirm and then you can press S2 to hear alarm time setting again. If you press S2 before this you will be in the alarm time setting mode where you advance the alarm time hour.

### **USA Time Zone Setting (S7)**

1. Open the battery cover to reach the Time Zone Setting button (S7).

2. Press S7 once to hear the current USA Time Zone Setting. (The clock is preset at the factory to Pacific Time Zone.)
3. Push S7 repeatedly to advance through the USA Time Zones until you hear the correct zone for your area:
  - USA, Pacific
  - USA, Mountain
  - USA, Central
  - USA, Eastern
3. Press S1 to confirm the setting after the new Time Zone is set (or the clock will confirm by itself automatically one minute later.) The clock automatically advances to the new time zone setting after confirmation. Please wait while the second hand is running fast. The clock functions will resume working when the correct time has been reached.

### **DST ON/OFF setting (S8)**

1. Open the battery cover to reach the DST button (S8).
2. The Daylight Savings Time (DST) button is preset at factory to ON.
3. Press down on this button to set DST to OFF if you live in a State where there is no change to DST. Otherwise, always leave this button set to ON year-round and your clock automatically adjusts to DST.

### **WAVE Button - Manual Signal reception (S5)**

Pushing the Wave button causes the clock to search for time signal immediately instead of waiting for automatic signal search, which occurs every night. Place the clock on a wooden table near a window when you want to allow the clock to manually search for signal reception.

While the clock is in the running normally:

1. Press S5 (Wave Button on back of clock) once to initiate manual signal reception. (The second hand stops at 12 o'clock position during signal reception. The minute hand advances one minute every 60 seconds and continues to keep time.)
2. The clock takes about 5 to 14 minutes to pick up the radio signal. Wait until the clock has finished the signal reception procedure and sets the correct time.
3. After signal reception, the clock will show the correct time after the fast running second-hand has stopped.
4. Push S1 3 times in a row after the clock resumes running to check if reception was successful or failed.
  - If reception was successful, the clock says, "Country Name" follow by "Time Updated"
  - If reception failed, the clock says, "Country Name" follow by "Time Not Updated"

(Go to Reception Status Check section for details)

### **Alarm Setting Functions: (S2 / S3)**

Your Atomic (Radio Controlled) Talking Alarm Clock uses buttons to set the Alarm Time (Hour and Minute) instead of using a needle as the indicator. This helps visually impaired people to set the alarm time easily using the talking function and improves the setting accuracy.

### **Set Daily Alarm (S2 / S3)**

1. Press S2 twice. The clock says the current Alarm Hour.
2. Press S2 repeatedly, one press after another, to set a new Alarm Hour. Listen very carefully to the clock to make sure the right AM or PM has been set.
3. Press S3 repeatedly, one press after another, to set a new Alarm Minute.
4. Press S1 to confirm the new Alarm Time setting (or the clock will confirm by itself one minute later) and the clock will speak the new Alarm time that you have set after the confirmation.

### **Set Daily Alarm On or Off (S2 / S3)**

1. Press and Hold S3 for more than 3 seconds to set the alarm status to ON or OFF. While holding the button down, the clock tells you the current alarm ON/OFF setting by saying “Alarm On” or “Alarm Off”.
2. After hearing the alarm ON/OFF setting, release the S3 button and then press the left button (S2) to listen to the alarm time and make sure the alarm ON/OFF is set according to your request.
3. When Alarm is set to OFF, the alarm will not beep, regardless of your alarm time setting.

### **Snooze Alarm (S1)**

1. Press S1 once when the Alarm is “Beeping” to set the clock to Snooze mode.
2. The clock will “Beep” again 5 minutes later.
3. You can set the clock to Snooze mode a total of 5 times in a row.

### **Stop Alarm Sound (S1 / S4)**

1. Press and Hold S1 until the clock talks the current time to completely stop the alarm sound (without using Snooze.)
2. The Alarm is a Daily alarm, so the alarm will beep again 24 hours later at the same set alarm time.
3. To turn OFF Daily alarm go to previous section “Set Daily Alarm On or Off”
4. Another way to turn off the Daily Alarm sound is to slide the Volume Control (S4) to the “Off” position. (Note: This will turn off sound completely for all other Talking Functions. Remember to turn the Volume back on if you want to resume using the Talking Functions.)

## **Turn off the Time Talking Sound but Retain the Alarm Sound (S1):**

1. To turn OFF the Talking Sounds of the S1 button completely, hold down S1 (the top button) until the clock says, “Time is OFF”.
2. When the S1 button’s talking is set to OFF, the clock does not talk time, date and/or signal reception status when S1 is pressed.
3. The LED backlight will function whether S1 Talking is set to On or Off.
4. The Alarm Clock will still “Beep” according to your alarm time setting. Furthermore, the other buttons will still talk when the S1 Time Talking is set to OFF.
5. To turn the S1 talking sound back on, hold the S1 button until the clock says, “Time is On.”

## **Backlight (S1):**

The backlight switches ON when the Top Button (S1) is pressed and held.

## **Volume Control (S4):**

Slide S4 on right side of clock to change the volume of the clock: High, Medium, Low or Off.

## **Completely Silence the Clock (No talking and no alarm sound) (S4):**

Slide S4 Volume Control to the OFF position to silence the clock. There is no alarm sound and no Time Talking when the button is set to OFF position.

## **Manual Time Setting (for countries with no time signal) (S9 / S10):**

(You should use this function only when you travel to or are living in a country with no Radio Time Signal.)

1. Press S9 to manually set the Hour and S10 to set the Minute.
2. Listen very carefully to the clock to make sure the correct AM or PM has been set (Note: If you set the wrong AM/PM the alarm clock will not be able to alert you at the correct time of day.)
3. Press S1 to confirm after you have set the Time manually (or the clock will confirm one minute later by itself.)
4. After confirmation, the clock automatically advances to the new time that you have set. Wait until the clock hands stop running fast and resume normal operation to continue with any other functions.

**NOTE – NO MANUAL DATE SETTING FUNCTION: This clock is only capable of setting the Hour and Minute. It is not able to manually set the Date, Day, Month and Year. Date is set only when time signal can be received in USA.**

## **Troubleshooting:**

Your clock is a very delicate and precise instrument. Although uncommon, sometimes hard knocks or vibrations can cause the hands to move irregularly, and therefore display the incorrect time, although the internal clock is keeping accurate time. You may notice this when the clock is able to update signal and announce the right time but the hands are not synchronized with the talking time. Then the clock needs to be reset. Please go to “Reset the Clock” for details.

### **1. Clock Not Receiving Time Signal**

Reason for not being able to receive the Time Signal include:

- Being outside of the signal reception area
- Being in a build up area
- Metal or concrete objects blocking the radio signal
- Interference by a computer monitor, TV, or other electrical equipment

If your clock is unable to make contact with the radio signal, try moving the clock to a different area to try and receive the signal again. If you are still unable to pick up the signal you clock will continue to function in the same way as a standard clock.

The time will be updated the next time your clock receives the time signal.

### **2. Clock’s second hand jumps every 2 seconds (rather than running second by second)**

Battery is Low. Go to “Low Battery Detection” for details.

### **3. No talking function after battery replacement**

You need to Press the Reset button after battery replacement or the talking function will not work properly.

### **4. No talking function but the hands are showing correct time.**

The connection of the battery terminals in the battery compartment may be interrupted if the clock receives a hard knock during daily usage. You need to make sure the batteries are correctly installed and reset the clock. Go to “Reset the Clock” for details.

### **5. Clock stops and no talking functions**

When battery is low, the clock hands will stop and the talking function will terminate. Replace the batteries at this time. Please go to “Battery Replacement” for details.

### **6. Hour, Minute or Second hand(s) is not showing correct time**

You need to reset the clock. Go to “Reset the Clock” for details.

### **7. Hands running non-stop after battery replacement**

Press the Reset button if the hands start running non-stop after battery replacement.

### **8. The clock does not run at all after battery replacement**

Press the Reset button if the hands do not operate after battery replacement.

**9. Alarm sounds at the wrong time**

Press the Reset button after battery replacement or the clock may not operate properly and the alarm may sound at the wrong time. If this is the case, press the Reset button to reset the clock.

**10. The clock tells wrong information**

Press the Reset button after battery replacement or the clock may not operate properly and the clock may tell you the wrong information. If this is the case, press the Reset button to reset the clock.

**Reset the Clock (S6):**

1. Press S6 (Reset) in firmly to reset the clock.
2. The clock will align its hands to 12 o'clock automatically and then initiate a signal reception.
3. Put the clock in a location where the best signal reception is possible once the clock has reset.
4. The clock will show the correct time after a signal is received. This will take 1 to 24 hours depends on the reception situation.

**Low Battery Detection:**

When the battery is low, the second hand runs one step every 2 seconds telling you that the battery is low. The talking function will be terminated when battery is low. Both of the 2 x "C" batteries need to be replaced. Go to "Battery Replacement" section for details.

**Battery Replacement (S6):**

**WARNING: ALWAYS PRESS THE RESET BUTTON (S6) AFTER BATTERY REPLACEMENT OR THE CLOCK WILL NOT FUNCTION PROPERLY!**

This clock operates on 2 x "C" batteries. (Alkaline batteries recommended.)

1. Open and carefully remove the battery compartment cover located on back of clock.
2. Carefully remove both old batteries and insert 2 new "C" batteries. (Be sure to align batteries with the polarity marks inside the compartment.)
3. Press the S6 (Reset) button after battery replacement!
4. Set the clock in a location where signal reception is possible and wait until the clock sets itself automatically. This may take from 1 to 24 hours.

**KEEP THESE INSTRUCTIONS FOR FUTURE REFERENCE**