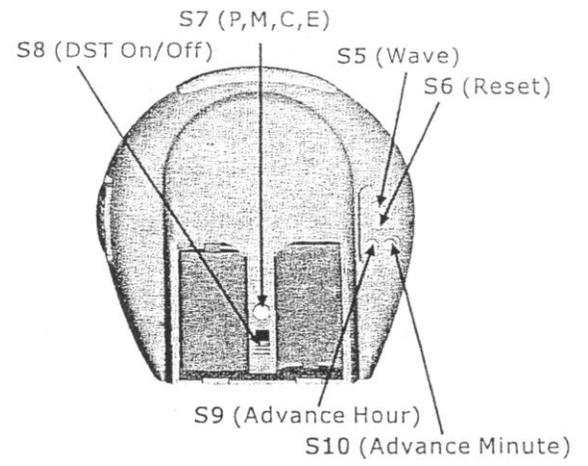
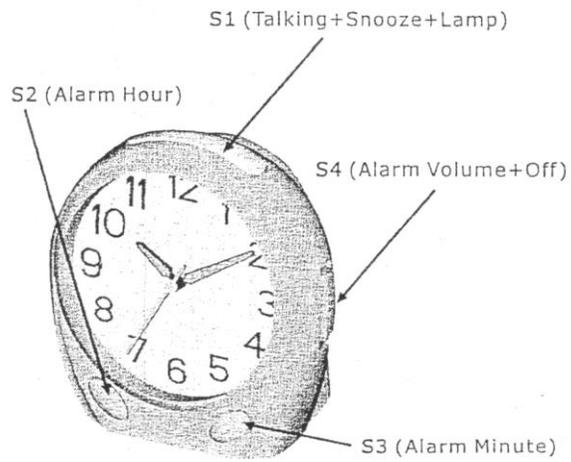


# Instruction Manual of Atomic Analog Talking Clock (Single-Band)



Your Atomic Analog Talking Alarm Clock employs a fully automatic gearbox to perform real fully automatic time and hands setting feature for your daily usage!

This is a single band atomic clock. It recalls the USA Atomic Clock (which measures each second of time as 9,192,631,770 vibrations of a cesium 133 atom in a vacuum) and gives time which is accurate to 1 second every million years. Your Atomic Radio Controlled Clock even accounts automatically for daylight saving time.

### Automatic Time and Hands Setting

Your Atomic Analog talking Alarm Clock recalls the USA Atomic Clock signal automatically at 3:00AM every night. After reception of signal it will show the official local time on the clock. Everything is done automatically. However, your clock can also be manually set when travel aboard.

### Button Functions:

#### Time Talking:

Push S1 once to talk Hour and Minute

#### Day Talking:

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

#### Reception Status Check:

1. Push S1 3 times to talk the reception status of the clock
2. If the reception was successful, the clock will speak "Country name" follow by "Time Updated". Example "USA, Time Updated".

If the reception was failed, the watch will speak "Country name" follow by " Time Not Updated" for example "USA, Time not updated".

#### Alarm Time Talking

Check Alarm Time Setting:

Press S2 or S3 once to check the Alarm Time Setting while the second hand is running normally. The clock also tells if the alarm is set to ON or OFF by saying "Alarm ON" or "Alarm Off" after speaks the Alarm Time Setting.

## **USA Time Zone Setting**

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

1. Press S7 once to talk the current USA Time Zone Setting. The clock is preset to Pacific Time Zone.
2. Push S7 once after another to set a new USA Time Zone  
USA, Pacific  
USA, Mountain,  
USA, Central or,  
USA, Eastern
3. Press S1 to confirm or the clock confirms itself one minute after a new Time Zone is set. The clock runs to the new time after the confirmation. Please wait while the second hand is fast running. It will resume working when the second hand runs step by step again.

## **DST On/Off setting**

Press S8 down to set DST to OFF and release the button to set DST to ON. Please refer to the marking on the clock.

## **Manual Signal reception:**

You have to put the clock on a table nearby a window when you -need a manual signal reception.

While the clock is in the Time Keeping mode,

1. Press S5 once for manual signal reception (The second hand stops at 12 o'clock position during signal reception. But- the minute hand advances one step every 60 seconds)
2. The clock takes about 5 to 14 minutes to pick up radio signal. Wait until the clock has finished the signal receiving procedure.
3. After signal reception, the clock will show the time again after the fast running of the second-hand has stopped.
4. Push SI 3 times after the clock resumes working to check if the reception is Successful or failed.

- If the reception was successful, the clock will speak "Country name" follow by "Time Updated"
- If the reception was failed, the clock speak, "Country name" follow by "Time Not Updated"(Go to "Reception Status Check" for details)

### **Set Daily Alarm:**

Your Atomic (Radio Controlled) talking alarm clock use buttons to set alarm Home and Minute instead of using a needle as indicator for alarm time setting.

This helps visually impaired people to set alarm time easily and improve the setting accuracy.

### **Set Daily Alarm Hour**

1. Press S2 twice. The clock says the current Alarm Hour
2. Press S2 once 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.

### **Set Daily Alarm Minute**

1. Press S3 twice. The clock says the current Alarm Minute.
2. Press S3 once after another to set a new Alarm Minute

Press S1 to confirm the new Alarm Time setting (or the clock will confirm itself one minute later) and the clock will speak the new Alarm time that you have been set after the confirmation.

### **Snooze Alarm**

1. Press S1 once when the Alarm is "Beeping" to set the clock to Snooze mode
2. The clock will "Beep" after 5 minutes later
3. You can set the clock to Snooze mode for totally 5 times.

### **Stop Alarm Sound**

You can stop the alarm sound (without Snooze) by holding down the S1 button until the clock talks the current time.

The Alarm is a Daily alarm/ so the alarm will beep on the next day again. If you want to turn off the Daily Alarm sound/ you can slide the S4 to "Off/ position.

### **Alarm ON/OFF**

When Alarm is set to OFF/ the clock will not send out Beep ... sound according to your alarm time setting.

1. Holding S5 (Wave) until the clock talks the status of the alarm On/Off. It may say "Alarm is On" or "Alarm is Off/
2. Then release the button
3. Press S5 (Wave) once after another to change the setting of the alarm from On to Off or Off to on.
4. Press S1 (the top button) once to confirm.

### **Turn off the time talking sound but retain the alarm sound**

- If you sleep with your couple and do" not want to disturb he/she at night time when you want to read the time

at night/ you can set the talking sound to Off by holding S1 (the top button) until the clock says/ "Time is OFF" When the time talking is set to OFF/ the clock does not talk time/ calendar and signal reception status when S1 is pressed but you still can see the clock at night with the LED backlight when S1 is pressed. However/ the clock will wake you up in the morning according to your alarm time setting. Furthermore/ the other buttons still can talk after the time talking is set to OFF.

- To turn on the time talking sound/ holding the S1 button until the clock says "Time is On"

### **Completely silence the clock (No talking and no alarm sound)**

Slide S4 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

### **Volume setting**

Slide S4 to set the volume of the clock

### **Manual Time Setting (for Country without Time signal) :**

(You should use this function only when you travel or living in countries with no radio Time signal)

1. Press S9 to set Hour and S10 to set Minute manually
2. Listen very carefully to the clock to make sure the right AM or PM has been set (if you set the wrong AM/PM your clock will not be able to beep you at the right time).
3. Press S1 to confirm after you have set the Time (or the clock will confirm one minute later by itself)
4. After confirmation, the clock automatically runs to the new time that you have been set. Wait until the clock stop fast running and resume normal running.

Remark:

Your clock is not able to manual set Date, Day, Month and Year.

### **Backlight**

The backlight is switched ON when the SI button is pressed.

### **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.

- Clock Not Receiving Time Signal  
, Reason for not being able to receive the Time Signal include,
- Being outside of the Germany signal area
  - Being in a build up area
  - Metal objects blocking the radio signal
  - Interfere by computer monitor or TV

If your clock is unable to make contact with the radio signal, it will continue to function in the same way as a standard clock. The time will then be corrected the next time your clock receives the time signal.

Clock runs 1 big step per every 2 seconds  
Battery is Low. Go to "Low Battery Detection" for details.

No talking function after battery replacement

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

No talking function while hands are showing correct time.  
Connection of Batteries with the clock may be interrupted if the clock is shocked hardly in daily usage. You need to reset the clock. Go to "Reset the Clock" for details.

Clock Stop and no talking function When battery is low, clock hands will stop and talking function is terminated. It is time that you need to change new batteries. Please go to the "Battery Change" for details.

Hour, Minute or Second hand(s) is not correct  
You need to reset the clock. Go to "Reset the Clock" for details.

Hands running non-stop after battery replacement

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

The clock does not run after battery replacement

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

### Reset the Clock

1. Press 56 (Reset) with a "ball pen to reset the clock.
2. The clock will align their hands to 12 o'clock automatically and then perform a signal reception.
3. Put the clock to a location where signal reception is possible after the clock is reset

It shows the right time after a signal is received. This will take 1 to 24 hours depends on the signal 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 is to be terminated when battery is low. Both batteries need to be replaced. Go to "Battery Replacement" section for details.

### Battery Replacement:

This clock uses 2x UM-2 batteries. Alkaline battery is recommended.

1. Open and carefully remove the battery cover
2. Remove the batteries and inserts 2 new batteries with the right polarity
3. Press the 56 (Reset) button after battery replacement. If the clock is not reset by pressing the 56 reset button after battery replacement, the talking function will not work properly.
4. Put the clock in a location where signal reception is possible and wait until the clock sets itself automatically. This will take from 1 to 24 hours.