

# TALKING ATOMIC WATCH

## INSTRUCTIONS (US)



### Basic Button Functions:

Press 2 o'clock : "The time is 10:28 pm"

Press 4 o'clock : "Today is Wednesday,December 28th"

Press 8 o'clock : "US time updated"

Press 10 o'clock: "Alarm is OFF" or "Alarm time is 6:00 AM"

Please retain this instruction manual for future reference. You may need this to re-adjust the time if required or when you are traveling to some other countries with no atomic signal's reception for your watch.

Your talking watch is a single band Radio controlled watch. The National Institute of Standards and Technology (NIST) radio station, WWVB, located in Ft. Collins, continuously broadcasts the time signal at 60 KHz.

This signal can be received up to 2000 miles away, anywhere in the continental USA where long wave (AM)radio reception is possible.

The WWVB station derives its signal from the NIST Atomic Clock in Boulder, CO which will automatically update your atomic watch's time and date as well as adjust for daylight savings time.

The Atomic Clock signal automatically at 3:00AM every night, if failed by 3AM, then it will try again at 4:00AM.

# BEFORE THE FIRST USE PLEASE SET YOUR TIME ZONE

## Time Zone Setting:

- Hold the 8 0'clock button for more than 3 seconds. The watch will speak.
- Push the 8 0'clock button another 3 times in a row, until the watch says "Time Zone Setting"

Time Zone  
Setting Display



- Press the 10 0'clock button once.
- Then press the 20'clock button repeatedly to select the correct time zone. The watch will speak:

USA. Pacific      USA. Mountain  
USA. Central      USA, Eastern



USA.Pacific



USA. Mountain



USA. Central




USA. Eastern

Press the 8 o'clock button to confirm your selection

### **Manual Signal Reception:**

Please ensure the watch is in correct Time Zone before initiating Manual Signal Reception.

- Press and Hold the 10 O'clock button about 3 seconds until the signal icon (  ) flashing.
- The watch takes about 3 to 8 minutes to pick up radio the signal. Wait until the watch has finished the signal receiving procedure.
- After successful signal reception. The watch will show the correct time.
- Push 8 O'clock button once. The watch will tell you the status of the reception.
- If reception was successful, the watch will say "USA Time Updated"
- If reception failed, the watch will say "USA Time not updated."

\* If you unable to get the signal at the first time, you may move the watch to another location where the reception may be more favorable and try manual reception again or wait overnight for better possible reception.

### **Best overnight Signal Reception**

#### **Method:**

your watch should be positioned in the following manner and placed near a window during signal reception in order to get the best possible result.

### **Correct Position for Signal Reception**

- Put the watch close to a window, and facing out. (As the illustration)
- When "Daylight Saving Time "and "Standard Time" switching, it will be corrected after the signal reception has been updated overnight



**Put the watch on its side  
Facing out of the window**

**IMPORTANT NOTE:  
IF YOUR WATCH DOES NOT  
SYNCHRONIZE THE TIME WITH THE  
ATOMIC TOWER IN THE FIRST  
ATTEMPT, TRY IT FEW MORE TIMES  
SINCE THE SYNCHRONIZATION  
DEPENDS ON THE CLEAR SIGNAL  
RECEPTION AND ATOMIC TOWER  
LOCATION. TRY THE ABOVE TWO  
METHODS AT DIFFERENT  
LOCATIONS AT ONE PARTICULAR  
POINT. THE NIGHTTIME IS THE  
BEST TIME TO GET CLEAR SIGNAL  
FROM ATOMIC TOWER. RADIO  
SIGNALS FROM OTHER HOME  
APPLIANCES SUCH AS TV, RADIO OR  
COMPUTER, MAY INTERFERE WITH  
THE ATOMIC SIGNALS USED BY  
YOUR WATCH. IT IS  
RECOMMENDED TO KEEP THE  
WATCH AWAY FROM THESE  
DEVICES FOR TIME  
SYNCHRONIZATION**

## Manual Time Setting:

You should use this function if traveling to countries with no signal reception. You must also set the correct time of day (AM/PM) and time zone when you come back from travel to other countries.

- Hold the 8 O'clock button for more than 3 seconds. The watch will speak.
- Push the 8 O'clock button 4 more times, until the watch says: "Set time....."

Time Setting Display



- Press the 10 O'clock button once.
- The watch will instruct you how to set the time:
- Press the 2 O'clock button to set the hour. Listen very carefully to the

watch to make sure the right AM or PM has been set (if you set the wrong AM/PM, your watch will not be able to pick up signal at 3.00 AM).

- Press the 4 O'clock button to set minute.
- Press the 8 O'clock button to confirm after you have set the time.

**Your watch is not able to manually set the Day, Month and Year. The watch provides this information only when a first signal reception is received**

### Alarm Setting:

#### Set Daily Alarm Time:

- Hold the 8 O'clock button more than 3 seconds until the watch says: "Set Alarm....."

Alarm Setting  
Display





- Press the 10 O'clock button once.
- The watch will instruct you how to set the time.
- Press the 2 O'clock button repeatedly to set Hour. Next press 4 O'clock button repeatedly for Minutes.
- Press the 8 O'clock button to confirm after you have set the Alarm time.
- After confirmation, the watch will say the Alarm time that you have set.
- You can also check your Alarm time by pushing of the 10 O'clock button any time you want.
- The watch will beep for 30 seconds on ALARM TIME; you can interrupt the Beeping Sound by press any button; The alarm will beep every day at the alarm time. If you want to permanently turn off the daily Alarm. you can follow the Alarm ON/OFF instructions below. (After the 30 seconds of Beeping, the watch will speak the Alarm Time).

## Alarm ON/OFF

- Hold the 8 o'clock button mode for more than 3 seconds until the watch says "Set Alarm....."
- Push the 8 o'clock button one more time. the watch says, "Alarm ON/Off."



- Press the 10 o'clock button once.
- To turn ON the daily alarm press 2 o'clock button; To turn OFF the daily alarm press 4 o'clock button.
- Press the 8 o'clock button to confirm.
- If the alarm is OFF, the watch says: "Alarm is OFF".
- If the Alarm is ON the watch says, "The alarm time is ..."(followed by the alarm time has been set).

## Hourly Chime Settings: Hourly Announcement (Chime) ON/OFF

- While the watch is in the real time mode. hold the 8 0'clock button for more than 3 seconds until the watch says, "Set Alarm……"
- Press the 8 0'clock button 2 more times, until the watch says "Chime ON/OFF".

Chime Setting  
Display



- Press the 10 0'clock button once.
- Press 2 o' clock button to turn ON Chime Alert, Press the 4 0'clock button to turn OFF Chime Alert.
- Press the 8 0'clock button to confirm.

## **Watch Not Receiving Time Signal:**

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

- Being outside of the country
- Being in a built-up area
- Metal objects blocking radio signal
- Interface from computer monitor or TV

Ensure that the watch is setting near a window, as this provides the best reception. You may have to try different windows in the house to see which is best. Please note that the reception is always best at night. If your watch is unable to receive the radio signal, it will continue to function in the same way as a standard watch, The time will then be corrected the next time your watch receives the time signal.

## **Low battery Detection:**

## **Battery Replacement:**

This watch uses a CR2032 type battery; trained jewelers or watch specialists should replace the batteries to avoid any damage to the watch.

- Open and carefully remove the back of the watch.
- Lift up the battery spring on the bottom.
- Remove the battery and insert a new one with the polarity “+” facing up.
- Push the battery spring down until it locks.
- Before you replace the case-back, make sure the seal is in place.
- After battery replacement the watch defaults to Pacific Time Zone. please set your Time Zone as necessary.