

About the Atomic Clock

The National Institute of Standard and Technology (NIST) in Fort Collins, Colorado broadcasts the time signal (WWVB at 60kHz AM radio signal) with an accuracy of 1 second per every 3,000 years. Like a typical AM radio, your Atomix clock may not be able to receive the WWVB signal in places surrounded by heavy concrete or metal panels. The reception of the time signal is also greatly affected by electrical or electronic interference. To get the best performance of your Atomix clock please install the clock nearer to a window, and change directions if one direction does not work. The best reception occurs when the back of the clock is facing west. Having the front face west is also a good position for receiving the signal.

Battery Installation and Set Up

Remove the battery cover and insert 2 "AA" alkaline batteries according to the direction shown inside the battery compartment. Once the batteries are installed the display will show all segments of the LCD display for 3 seconds and will beep once. Then the display will show 12:00pm Jan 1, 2000 together with room temperature. The Time Zone is defaulted at PST – Pacific Standard Time

● Select the correct Time Zone:

1. Press ZONE/ DST key to select PST, MST, CST, EST,
2. Once a Time Zone is selected, your Atomix Clock will start search for the time signal.
3. While your Atomix Clock is seeking for the signal the icon will change gradually indicating the search for the signal is continuing.
4. If the signal is available, your Atomix clock will display the Local Time in about 3-5 minutes. The tower icon and "OK" will appear on the display.
5. If signal is not available when you are setting the clock functions enter the present time and calendar by holding the setting buttons for 3 seconds and then press + or - to select the correct values.
6. When the clock is searching for the signal and the Tower icon on the LCD display is flashing, the manual setting buttons will not function. To stop the clock from searching for the signal press the (+) button on the back of the clock. This will allow you to set the balance of the features manually. When you have set the other features press the (+) button again to resume the search for the time signal.

Name & Function of Buttons

1. CLK/ CAL

Hold CLK/CAL button for 3 seconds to enter clock & calendar setting. The setting sequence is:

Year>Month>Date>12/24>Hr>Min

Press (+) or (-) to adjust, then press CLK/CAL to confirm

2. ALARM

Press ALARM button to read alarm time for 5 seconds

Hold for 2 seconds to enter alarm set up then press + or - to adjust. Once complete press ALARM to

confirm settings

3. Zone/ DST Daylight Saving Time on/ off

Press to select the current Time Zone: PST>MST>CST>EST.

Hold ZONE button for 2 seconds to switch from DST (DST on) to ST Standard Time (DST off)*

*In parts of Arizona and Indiana where Daylight Saving Time is not applicable, set DST to off (DST icon will appear on display when DST function is turned on, the clock is ready to get daylight savings time)

4. (+) SYNC

During CLK/CAL or ALARM setting, press (+) button for 1 step advance, hold (+) for 10 step/second fast advance. At normal mode, press to get a Manual Synchronization of Atomic time signal

5. (-) Alarm on/ off

During CLK/CAL or ALARM settings, press (-) for 1 step backward, hold for 10 step/second fast backward setting.

At normal mode, press to select Alarm On / Snooze Alarm/ Alarm Off. The snooze function will only work when the Zz icon is showing in the upper left corner of the clock display. A bell icon appears when the alarm is set.

6. Snooze, Snooze/ Light,

Press the Snooze bar on the top of the clock to enable a repetitive 8 minute snooze alarm when alarm is beeping.

7. Desk or Table Top Use

On the back of the clock case there are two legs folded into the case. Rotate these legs out and the clock will stand up for desk or table top use.

Features & Specifications:

- WWVB Radio-Controlled Clock with PST/MST/CST/EST time zones
- Snooze daily alarm
- Perpetual calendar with Month, Date/ Day of Week
- DST & ST selectable.
- Digital Thermometer
- 12/ 24 hr Clock
- Calendar: 1 Jan 2000 to 2050
- Snooze time: 8 minutes
- Temperature range: 32°F~158°F
- Temperature Resolution: 0.1 degree

- Time zone value:
 - PST = -8HR GMT
 - MST = -7HR GMT
 - CST = -6HR GMT
 - EST = -5HR GMT
- DST default : enabled
- Daily auto sync RCC at 12:00am; if not successful the clock will attempt to re-sync the next hour
- Crescendo alarm
- WWVB sync time: Max. 6 minutes, normal 3-5 minutes
- Battery: AA x 2 pcs