


**SHARP**  
**SPC1019A**  
**Atomic Clock**



## SHARP SPC1019A Atomic Clock User Manual

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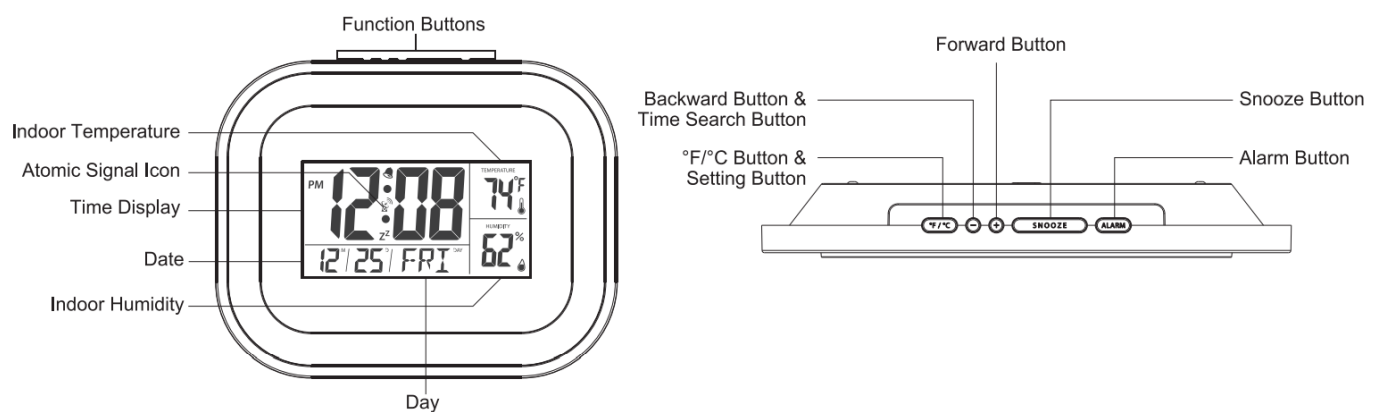
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# SHARP

SHARP SPC1019A Atomic Clock User Manual



Thank you for your purchase of this quality clock. The clock has a built-in receiver that automatically synchronizes itself with the Atomic WWVB radio signal broadcast by the US Government's National Institute of Standards & Technology (NIST) in Fort Collins, Colorado. The Atomic signal daily broadcast ensures that the atomic clock will always display the most accurate date and time. The utmost care has gone into the design and manufacture of your clock. Please read these instructions and store them in a safe place for future reference.



## QUICK START GUIDE

1. Insert batteries into the battery compartment and the display will appear.
2. Set the clock to your Time Zone & turn DST on through the SETTING button. (See the below chart for setup; Eastern Standard Time & DST are on by default.)
3. Set the time and date manually OR wait until the clock receives the Atomic signal
4. The signal is usually received overnight but it will begin looking for the signal immediately.
5. During the day there may be interference and that is why the signal is often received overnight.
6. Once the clock receives the atomic signal the time and date will be automatically updated.

## ATOMIC SIGNAL ICON

- When the clock's built-in receiver secures full signal strength the Atomic Signal Icon will appear on the display.
- If the icon is NOT visible the Atomic Clock was unable to receive a signal at this time.
- If the signal is not received reposition the Atomic Clock for better signal reception or try again at bedtime.
- The Atomic Clock will search hourly. Note: The icon will blink when searching for an Atomic signal.
- It is strongly recommended to start this clock at night and let the clock receive the signal automatically past midnight.
- Always place the unit away from interfering sources such as TV sets, computers, etc.
- Avoid placing the unit on or next to metal plates.
- Areas with access to windows are recommended for better reception.
- Do not start reception in moving articles such as vehicles or trains.
- Manual Atomic Time Search: Hold the -/TIME SEARCH button to start a manual signal search.

**Note:** If the clock doesn't receive the WWVB Atomic signal immediately, wait overnight and it will be set in the morning.

## MANUAL SETTING

### TURNING ATOMIC RECEPTION ON/OFF

1. Hold the SETTING button for 5 seconds, WWVB & ON will flash.
2. Press -/+ to turn OFF the Atomic signal. This will stop the clock from searching for the Atomic signal.
3. Press the SETTING button to confirm

**NOTE:** You do not need to turn off the Atomic reception to set the time manually. Once the clock receives the signal, it will adjust the clock accordingly.

4. However, you may choose to deactivate the Atomic reception completely if you prefer to manually control the clock or if you live in a remote area that does not readily receive the Atomic signal.
5. As long as the Atomic reception is ON, it will automatically adjust itself to the correct time/date overriding your manual setting.

### TIME ZONE (EASTERN DEFAULT)

1. EST will flash.
2. Press -/+ to select a different Time Zone (Eastern Time Zone is the default)
3. Press the SETTING button to confirm

**NOTE:** AST= Atlantic, EST= Eastern, CST= Central, MST= Mountain, PST= Pacific, AKT= Alaska, HAT=Hawaiian

### DAYLIGHT SAVINGS TIME

1. DST & ON will flash.
2. Press -/+ to turn DST OFF if you do not observe Daylight Savings Time.
3. Press the SETTING button to confirm

## SETTING CLOCK TIME & CALENDAR

|                            |   |  |
|----------------------------|---|--|
| 12/24 HOUR TIME will flash | Press <b>-/+</b> to select 24H.             | Press <b>SETTING</b> button to confirm |
| <b>HOUR</b> will flash     | Press <b>-/+</b> to select correct hour.    | Press <b>SETTING</b> button to confirm |
| <b>MINUTES</b> will flash  | Press <b>-/+</b> to select correct minutes. | Press <b>SETTING</b> button to confirm |
| <b>YEAR</b> will flash     | Press <b>-/+</b> to select correct year.    | Press <b>SETTING</b> button to confirm |
| <b>MONTH</b> will flash    | Press <b>-/+</b> to select correct month.   | Press <b>SETTING</b> button to confirm |
| <b>DATE</b> will flash     | Press <b>-/+</b> to select correct date.    | Press <b>SETTING</b> button to confirm |

## BUTTON FUNCTIONS

| Button        | Press and Release Functions   | Hold 2 seconds   |
|---------------|---|--|
| °F/°C         | Select temperature in °C/°F   | Enter Setting Menu:<br>set time, date, etc.<br>(setup) |
| +             | 1 step forward (setup)  | Fast advance (setup)                                   |
| -             | 1 step backward (setup)   | Fast backward (setup)<br>Atomic WWVB Search            |
| <b>SNOOZE</b> | Activate snooze alarm (ringing)                                       |  |
| <b>ALARM</b>  | <b>Once:</b> View Alarm<br><b>Twice:</b> Activate or Deactivate Alarm | Alarm set  |

**FAHRENHEIT/CELSIUS:** Press and release the °F/°C button to select temperature readings in Fahrenheit or Celsius.

## ALARM SET

- **HOUR:** Hold the **ALARM** button to enter alarm time setting mode. The Alarm Hour will flash. Use the + or – button to set the Hour.
- Press and release the **ALARM** button to confirm the hour and move to the next item.
- **MINUTE:** The Alarm Minutes will flash. Use the + or – button to set the Minutes. Press and release the **ALARM** button to confirm and exit.

## ALARM ACTIVATION ICON

- Press and release the **ALARM** button once to show Alarm Time.

- With the Alarm time showing, press and release the ALARM button to activate the alarm. The alarm icon appears when the alarm is activated.
- With the Alarm time showing, press and release the ALARM button to deactivate the alarm. The alarm icon disappears when the alarm is activated.

## **SNOOZE**

- When the alarm sounds, press the SNOOZE button to pause the alarm for 5 minutes. The snooze “Zz” icon will flash when the snooze is active.
- To stop the alarm for one day, press the ALARM button, while in snooze mode.
- The alarm icon will remain visible.

## **BATTERY WARNING**

- Clean the battery contacts and also those of the device before battery installation.
- Follow the polarity (+) and (-) to place the battery.
- Do not mix old and new batteries.
- Do not mix Alkaline, Standard (Carbon zinc), or Rechargeable (Nickel cadmium) batteries.
- Incorrect battery placement will damage the clock and the battery may leak.
- Exhausted battery is to be removed from the product.
- Remove batteries from equipment that is not to be used for an extended period.
- Do not dispose of batteries in a fire. Batteries may explode or leak.

## **FCC Statement**

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

**NOTE:** This equipment has been tested and found to comply with the limits for Class B digital devices, under part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used by the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

**Caution:** Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

For Customer Service Please Call Toll Free at  
1-(800)-221-0131 and ask for Customer Service.  
Monday-Friday 9:00 AM – 4:00 PM EST  
Please call for assistance before returning the clock to the store.

**Caution:** Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

For Customer Service Please Call Toll Free at  
1-(800)-221-0131 and ask for Customer Service.

Monday-Friday 9:00 AM – 4:00 PM EST

Please call for assistance before returning the clock to the store.

## One-Year Limited Warranty

M.Z. Berger & Company warrants the original consumer purchaser of this product that it shall be free of defects in materials and workmanship for one year from the purchase date of this product. Defects caused by tampering, improper use,

unauthorized modifications or repairs, water immersion, or abuse are not covered by this warranty. If a defect covered by this warranty occurs during the warranty period, wrap your clock carefully and send it to the following address:

MZ Berger Service Center  
29-76 Northern Boulevard  
Long Island City, NY 11101

You must include a Proof of Purchase, either the original receipt or a photocopy, and a check or money order for USD 6.00 to cover the cost of handling. Also, include your return address inside the package. M.Z. Berger will repair or replace the clock and return it to you. M.Z. Berger will not be liable for any loss or damage, including incidental or consequential damages of any kind; from any breach of some state warranty either expressed or implied relating to the product. Since some states do not allow the exclusion or limitation of incidental or consequential damages, this limitation may not apply to you.

Printed in China

Model SPC1019A

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## References

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