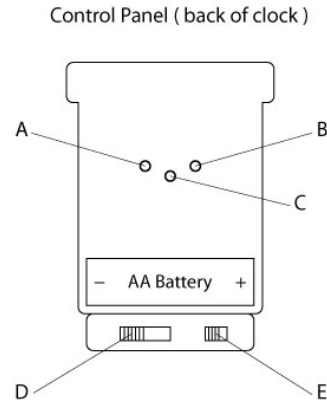
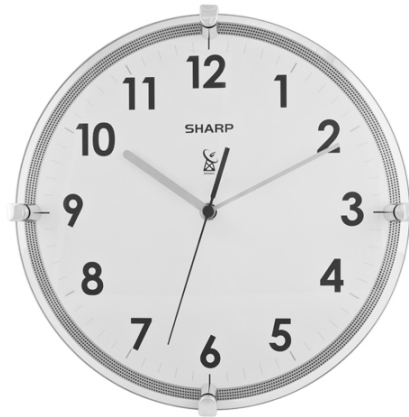


SHARP®

RADIO CONTROLLED
ATOMIC WALL CLOCK
Instruction Manual

Thank you for your purchase. The utmost care has gone into the design and manufacture of your clock. Please read these instructions carefully and store them in a safe place for future reference.



Buttons and Switches:

- A. SET Button: Press to Manually Set the Time. See Point 8; Please ensure sufficient time has passed overnight to receive atomic signal prior to manual set
- B. WAVE Button: See Point 7
- C. RESET Button: Press to reset if clock needs resetting
- D. TIME ZONE Switch: See Point 2a
- E. DST ON/OFF Switch: See Point 2b

1. Quick Start Notes:

- a. Start this clock at night and let the clock receive the atomic signal automatically after midnight.
- b. Always place the unit away from interfering source such as TV set, computer, metal objects and electrical appliances.
- c. Areas with access to windows are recommended for better reception.

2. Set Time Zone & Daylight Savings Time (DST):

- a. On the back control panel: Set the clock to your time zone by moving the indicator arrow to appropriate zone: P (Pacific Time), M (Mountain Time), C (Central Time), E (Eastern Time)
- b. Enable the Daylight Savings Time Auto Adjust feature by moving the DST switch to "ON". If you are in a time zone that does not follow DST, make sure you set the DST mode to "OFF". The Daylight Savings Time feature is disabled when the switch is set to "OFF".

- ## 3. Initial Set-Up:
- Insert one AA alkaline battery into the battery holder. This will activate the atomic radio reception mode and the second, minute and hour hands will automatically reset to the 12:00 position. Once the hands are in the 12:00 position, the movement will start searching for the radio signal. The search procedure takes approximately 3 to 10 minutes after all hands have set to the 12:00 position. If a signal is found within the first 3 to 10 minutes, the clock will set to the correct time. If the clock does not receive a radio signal soon after activated, the clock will start running from the 12:00 position and will continue to run. In this case, **do not** attempt to reset the hands manually even though the time displayed on the clock is incorrect. The clock is synchronizing to the WWVB signal and once the radio signal is decoded, the hands will automatically adjust to the correct time.

- 4. Reception:** Please note this clock automatically synchronizes itself to the US Government's National Institute of Standards and Technology in Fort Collins, Colorado. The WWVB radio signal daily broadcast ensures that the atomic clock will always display the most accurate time.

In most areas, a signal can only be received at night. If your clock does not receive the WWVB signal immediately, just wait overnight and it will be set in the morning.

- 5. Signal Interference:** In some cases, the signal can be affected by weather conditions and electrical interferences, or the location of the clock itself may result in poor reception. If the clock has not synchronized to the correct time within a few days of activation, you may wish to move the clock to a different location. Avoid placing the clock near electrical items such as TVs, microwave ovens and computers.
- 6. Internal Synchronization:** Once the clock has been set correctly by the radio signal, the clock operates continuously. To ensure accuracy, the clock synchronizes the position of the second and minute hands every day.
- 7. Wave (Forced Signal Receipt):** The WAVE button can be used to attempt forced signal receipt. To activate, hold the WAVE button down for 3+ seconds. Once the WAVE feature is activated, the hands will automatically reset to the 12:00 position, and the movement will attempt to force a signal receipt from Fort Collins, Colorado. When the movement successfully receives the signal, the clock will reset automatically to the correct time. Generally, the signal forced receipt takes approximately 3-8 minutes. If the clock still fails to receive the signal while in the WAVE mode, the clock will automatically leave the WAVE mode. Please see below on how to manually set the clock.
- 8. Manual Set:** On rare occasions in certain areas, the clock may not be able to utilize the radio-controlled function because of either the strength of the signal or the geographic location. In this case, the clock can be set manually and used as a regular quartz wall clock. If it is necessary to set the clock manually, press and hold the SET button for 3+ seconds to activate the manual mode. Once the clock is in manual mode, there are two ways to move the minute hand forward. Hold the SET button down to move the minute hand forward consistently. Or, press the SET button rapidly (more than once per second) to move the minute hand forward step by step (in minute increments). Use these features to move the minute hand forward until the correct time is set. The clock will automatically leave manual mode after the SET button is not pressed for 6+ seconds.

RESET: If the clock does not respond to the various function modes, you can reset the clock by pressing the RESET button on the movement case.

For best accuracy results, we recommend that you change the battery once a year to maintain accuracy. Remove the battery when the clock will not be in use for an extended period.

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 two years from the purchase date of this product. Defects caused by tampering, improper use, unauthorized modifications or repairs, immersion in water 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:

M.Z. Berger Service Center
29-76 Northern Boulevard
Long Island City, NY 11101

You must include a proof of purchase, either the original receipt of 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 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.