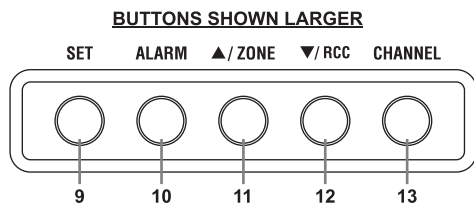
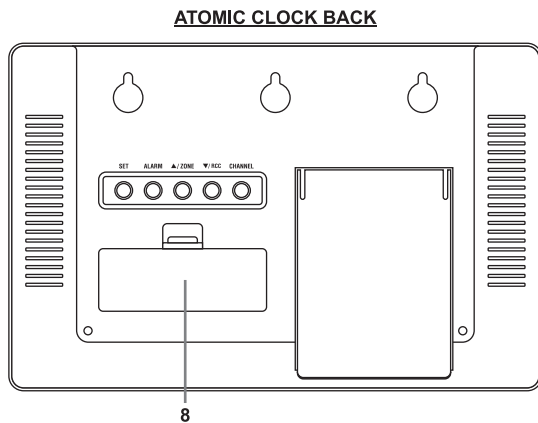
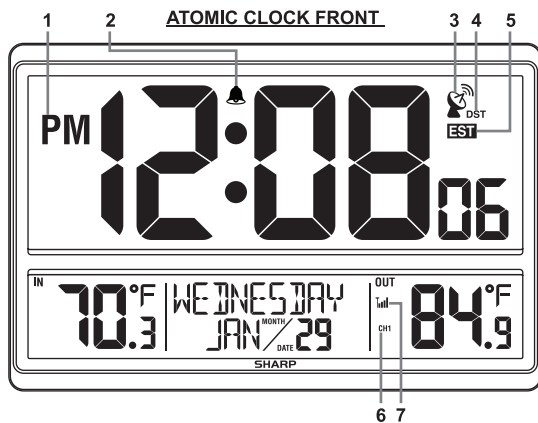


SHARP®

SPC1022 Jumbo Atomic Wall Clock

Thank you for your purchase of this quality clock. 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.

Controls



1. PM INDICATOR
2. ALARM INDICATOR
3. ATOMIC SIGNAL INDICATOR
4. DST (DAYLIGHT SAVINGS TIME) INDICATOR
5. TIME ZONE (EST, CST, MST, PST, AKT, HST)
6. CHANNEL INDICATOR
7. OUTDOOR SENSOR SIGNAL INDICATOR
8. BATTERY DOOR (4 x AA BATTERIES)
9. SET BUTTON
10. ALARM BUTTON
11. ▲/ZONE BUTTON
12. ▼/RCC BUTTON (RADIO CONTROLLED CLOCK)
13. CHANNEL BUTTON

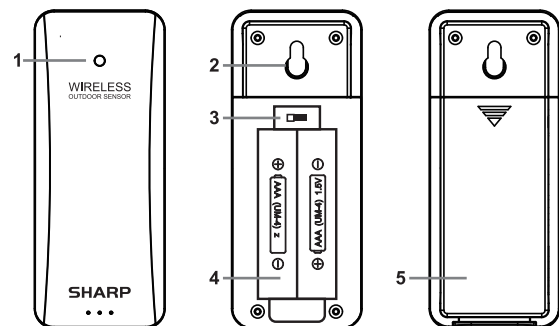
Quick Start Guide

- Insert batteries into the wireless sensor. In the battery compartment, set the **CHANNEL** to number 1.
- Insert batteries into the clock.
- Set the clock to receive **CHANNEL 1** (default is CH1) for the outdoor temperature. The **CHANNEL** button is at the back of the clock.
- The default for Daylight Savings Time (DST) is ON. If you do not observe DST turn it off in **SET** mode.
- Choose your time zone. Default is Eastern.
- Now you can either set the time and calendar manually OR wait until the clock receives the atomic signal (RCC). The signal is usually received overnight. During the day there is a lot of interference and that is why the signal is often received overnight. Once the clock receives the atomic signal and **all** of the clock settings are in place, the time and date will be automatically updated.

Power Supply

- This clock operates on four "AA" batteries (not supplied). Remove the **BATTERY DOOR** at the back of the clock and insert four new "AA" batteries in the direction of the polarity symbols. Please make sure the batteries are new and inserted correctly.
- Do not mix old and new batteries.
- Do not mix alkaline, standard (carbon-zinc) or rechargeable (ni-cad, ni-mh, etc) batteries.

Outdoor Transmitter



1. LED: Flashes when the unit transmits a reading
2. WALL MOUNT
3. CHANNEL SWITCH: Channels 1, 2, 3 Inside battery compartment
4. BATTERY COMPARTMENT: Uses 2 x AAA batteries
5. BATTERY DOOR

Setting up the Outdoor Transmitter

- Remove the **BATTERY DOOR** and insert two "AA" batteries (not supplied) into the battery compartment and follow the polarities marked.
- Slide the **CHANNEL** switch to channel 1.
- Press the **CHANNEL** button at the back of the clock to set channel 1.
- Replace the **BATTERY DOOR** of the transmitter.
- Place the both units away from metal objects and electrical appliances to minimize interference. Position the clock within the effective transmission range of 100 feet in usual circumstances.
- If **CHANNEL 1** signal is not received properly, change the transmitter slide button to **CHANNEL 2** or **3**. Press the **CHANNEL** button on the clock to 2 or 3 respectively. Press and hold the **CHANNEL** button for two seconds. The clock will start to find the new channel.

NOTE:

- To receive the transmitter signal, the channels of the clock and transmitter must match each other.
- Once the channel is assigned to the transmitter, you can only change it by removing the batteries or resetting the unit.
- The strength of the signal between the clock and the transmitter will be displayed "1" on the clock.

Atomic Setting

- After 10 minutes of the atomic clock receiving power it will begin searching for the WWVB radio (atomic) signal.
- On the clock's display the **ATOMIC SIGNAL** indicator "📶" will flash and search for 3 minutes. If the clock successfully receives the signal, the atomic signal indicator "📶" will stop flashing and remain steady on the display.
- **If the clock fails to synchronize in the first attempt, the signal is usually received by morning the next day.** During the day there is a lot of interference and that is why the signal is often received overnight. Once the clock receives the atomic signal and all of the clock settings are in place, the time and date will be automatically updated.
- Press and hold the **▼/RCC** button for 2 seconds if you need to attempt immediate signal synchronization.
- If you'd like to set the clock manually, press **▼/RCC** button to stop the synchronization, the atomic signal indicator will no longer be shown on the display.

NOTE:

While the clock is searching for the atomic signal, all other features will be disabled.

 FLASHING Searching for atomic signal	 STEADY Atomic signal found	 NOT SHOWN Not searching for atomic signal
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Manual Time & Date Setting

- Press and hold the **SET** button for 2 seconds to activate manual setting. The setting flow is:
12/24Hr > HOUR > MINUTE > YEAR > MONTH > DATE > DST ON/OFF
(DST ON/OFF is displayed on week position)
- When the **12/24Hr** flashes, press the **▲/ZONE** or **▼/RCC** button to choose 12 or 24 hour time. Press the **SET** button to confirm.
- When the **HOUR** flashes, press the **▲/ZONE** or **▼/RCC** button to advance to the correct hour. Press the **SET** button to confirm.
- When the **MINUTE** flashes, press the **▲/ZONE** or **▼/RCC** button to advance to the correct minute. Press the **SET** button to confirm.
- When the **YEAR** flashes, press the **▲/ZONE** or **▼/RCC** button to advance to the correct year. Press the **SET** button to confirm.
- When the **MONTH** flashes, press the **▲/ZONE** or **▼/RCC** button to advance to the correct month. Press the **SET** button to confirm.
- When the **DATE** flashes, press the **▲/ZONE** or **▼/RCC** button to advance to the correct date. Press the **SET** button to confirm.
- When **TIME ZONE** flashes, press the **UP/DOWN** button to advance to the correct Time Zone. Press the **TIME** button to confirm.
- When **DST ON/OFF** (Daylight Savings Time) flashes, press the **▲/ZONE** or **▼/RCC** button to turn **DST ON** or **OFF**.
- Press the **SET** button to save all settings and exit manual setting.

NOTE:

- The date of the week does not need to be set, it is automatically calculated and displayed.
- When the clock is set successfully and DST is turned on, the **DST** indicator will be shown on the clock's display when it's Daylight Saving Time.

Time Zone Setting

- Press the **TIME ZONE** button to switch between time zones.
EST (EASTERN), **CST** (CENTRAL), **MST** (MOUNTAIN), **PST** (PACIFIC), **AKT** (ALASKA), **HST** (HAWAII)

°C/°F Feature

- Press the **▼/RCC** button to switch between °C/°F temperature display.

Alarm Setting

- Press and hold the **ALARM** button for 2 seconds to activate alarm setting.
- When the **HOUR** flashes, press the **▲/ZONE** or **▼/RCC** button to advance to the correct hour. Press the **ALARM** button to confirm.
- When the **MINUTE** flashes, press the **▲/ZONE** or **▼/RCC** button to advance to the correct minute.
- Press the **ALARM** button to confirm to save settings and exit manual setting.
- The "🔔" indicator will show on the display indicating the alarm is now **ON**.

NOTE:

- To view the set alarm time press the **ALARM** button, the alarm time will show for 3 seconds.
- The alarm will sound for 2 minutes at the programmed time.

Using the Alarm Setting

- To turn the **ALARM ON/OFF** Press the **ALARM** button and use the **▲/ZONE** or **▼/RCC** button to select if the alarm **ON** or **OFF**.
- The "🔔" indicator will show on the display when the alarm is **ON** and not show on the display when the alarm is **OFF**.

Snooze Feature

- Pressing the **SET** button after the alarm sounds will cause the alarm to pause and sound again in 5 minutes. This will be repeated each time the **SET** button is pressed. The snooze indicator "Zz" will show to confirm function is active.

Using The Wall Mount

- The both the atomic clock and outdoor transmitter have a table top and wall mounting structure.
- For the clock, use the recessed hole/holes on at the back of the clock to hang it or pull out the back-stand for table top use.
- For the transmitter, use the hang hole or place the unit in an area protected from direct rain.

Battery Replacement

- If the battery indicator appears beside the outdoor temperature of the main unit, it indicated that the outdoor transmitter batteries need replacement. If the low battery indicator is displayed at the top right corner, it indicates that the atomic clock batteries need replacement.

NOTE:

- Attention! Please dispose of used batteries in an ecologically safe manner.

Battery Warning

- Clean the battery contacts and also those of the device prior to battery installation. Follow the polarity (+) and (-) to place 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 movement and battery may leak.
- Exhausted battery is to be removed from the product.
- Remove batteries from equipment which is not to be used for an extended period of time.
- Do not dispose of batteries in fire. Batteries may explode or leak.

Specifications

OUTDOOR TRANSMITTER

Recommended operating range:	-30°C to 66°C / -21.8°F to 150°F
RF transmission frequency:	433MHz
Remote transmitter:	1
RF transmission range:	maximum 100 feet

POWER

Main unit:	6V, use 4 x AA 1.5V alkaline batteries
Remote transmitter:	3V, use 2 x AAA 1.5V alkaline batteries

DIMENSION

Main unit:	36.2(W) x 23.6(H) x 2.8(D)cm 14.25(W) x 9.3(H) x 1.1(D)inch
Remote transmitter:	4.0(W) x 9.8(H) x 2.5(D)cm 1.6(W) x 3.9(H) x 1(D)inch

MAIN UNIT

Recommended operating range:	0°C to 50°C / 32°F to 122°F
Calendar range:	January 1, 2019 to December 31, 2099
Radio controlled signal:	WWVB

Suggestion

- Make sure you read the instructions before operating this clock. We have developed this sophisticated instrument for the best reception performance; however, the signal transmitted from USA Atomic Clock transmitter will be affected in certain situations. We advise you to note the following instructions:
1. It is strongly recommended to start this clock at night and let the clock receive the signal automatically past midnight.
 2. Always place the unit away from interfering sources such as TV set, computer, etc.
 3. Avoid placing the unit on or next to metal plates.
 4. Areas with access to windows is recommended for better reception.
 5. Do not start reception in moving articles such as vehicles or trains.



Maintenance

- The batteries should be replaced if the display or alarm becomes weak or dysfunctional. Store the clock without batteries when not in use. A soft cloth or a paper towel may be used to clean your clock. Do not use any corrosive cleaner or chemical solution on the clock. Keep the clock clean and dry to avoid problems.

FCC Information


This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to 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 in accordance with 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 receiver.
 - Connect the equipment into 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.
- 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.

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

Safety Instructions

1. Read these instructions - All the safety and operating instructions should be read before this product is operated.
 2. Keep these instructions - The safety and operating instructions should be retained for future reference.
 3. Heed all warnings - All warnings on the appliance and in the operating instructions should be adhered to.
 4. Follow all instructions - All operating and use instructions should be followed.
 5. Do not use this apparatus near water - The appliance should not be used near water or moisture - for example, in a wet basement or near a swimming pool, and the like.
 6. Clean only with dry cloth.
 7. Do not block any ventilation openings, Install in accordance with the manufacture's instructions.
 8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
 9. Do not defeat the safety purpose of the polarized or grounding - type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
 10. Protect the power cord from being walked on or pinched particularly at the plugs, convenience receptacles, and at the point where they exit from the apparatus.
 11. Only use attachments/accessories specified by the manufacturer.
 12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart or rack is used, use caution when moving the cart/apparatus combination to avoid injury from tip - over.
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13. Unplug the apparatus during lightning storms or when unused for long periods of time.
 14. Refer all servicing to qualified personnel. Servicing is required when the apparatus has been damaged in any way, such as power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
 15. Please keep the unit in a good ventilation environment.
 16. CAUTION: These servicing instructions are for use by qualified service personnel only. To reduce the risk of electric shock, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so.

WARNING: The mains plug is used as disconnect device, the disconnect device shall remain readily operable. This equipment is a Class II or double insulated electrical appliance. It has been designed in such a way that it does not require a safety connection to electrical earth. Do not install this equipment in a confined or building-in space such as a book case or similar unit, and remain a well ventilation conditions. The ventilation should not be impeded by covering the ventilation openings with items such as newspaper, table-cloths, curtains etc.

WARNING: All above markings were located on the external enclosure of the apparatus, except for label of Date Code was pasted inside the battery compartment. The apparatus shall not be exposed to dripping or splashing and that objects filled with liquids, such as vases, shall not be placed on apparatus.

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

WARNING: The battery shall not be exposed to excessive heat such as sunshine, fire or the like.