

**SHARP**  
SPC524 PROJECTION  
ALARM CLOCK



## SHARP SPC524 Projection Alarm Clock User Manual

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# SHARP

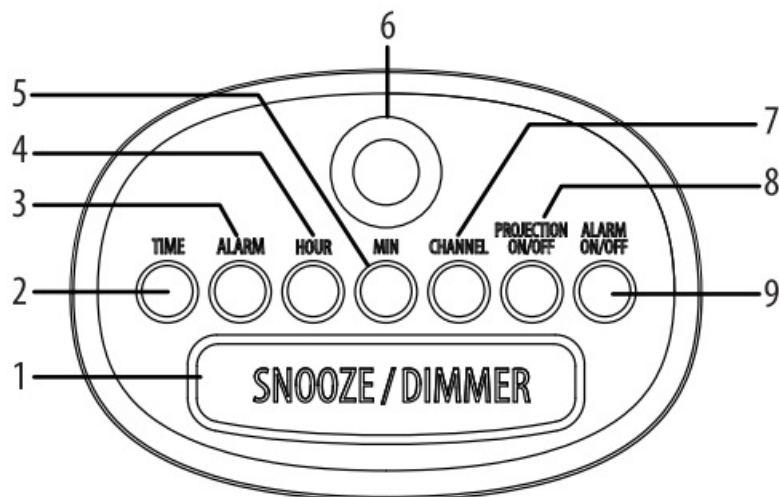
SHARP SPC524 Projection Alarm Clock User Manual



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.

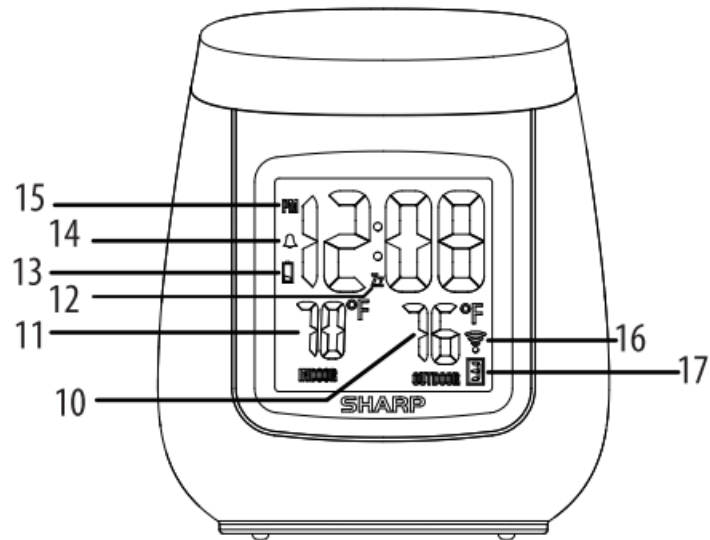
## Controls

### TOP

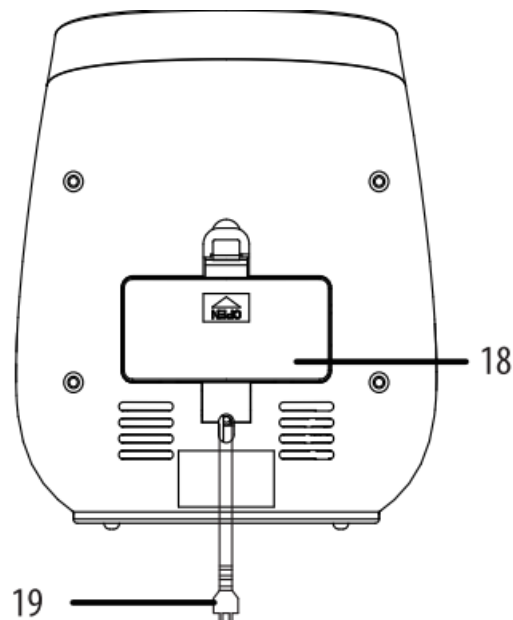


1. SNOOZE/DIMMER Button
2. TIME Button
3. ALARM Button
4. HOUR Button
5. MINUTE Button
6. PROJECTOR
7. CHANNEL Button
8. PROJECTOR ON/OFF Button
9. ALARM ON/OFF

## FRONT



- 10. OUTDOOR TEMPERATURE Display
- 11. INDOOR TEMPERATURE Display
- 12. SNOOZE Indicator
- 13. SENSOR LOW BATTERY Indicator
- 14. ALARM Indicator
- 15. PM Indicator
- 16. SIGNAL Indicator
- 17. CHANNEL Indicator
- 18. BATTERY Door
- 19. AC POWER PLUG



## Power Supply

Begin by plugging the power cord into a standard household outlet.

## Setting the Time

- Press and hold the TIME button down to activate time setting.
- While holding down the TIME button, press the HOUR button to advance to the correct hour. The PM indicator will light when the hour is advanced into the PM time.
- While holding down the TIME button, press the MIN button to advance to the correct minute.
- Release the TIME button when the correct time is shown on the display.

## Setting the Alarm

- Press and hold the ALARM button down to activate the alarm setting. The ALARM indicator "🔔" will be lit.
- While holding down the ALARM button, press the HOUR button to advance to the correct hour. The PM indicator will light when the hour is advanced into the PM time.
- While holding down the ALARM button, press the MIN button to advance to the correct minute.
- Release the ALARM button when the correct alarm time is shown on the display.

## Using the Alarm

- Press the ALARM ON/OFF button to turn the alarm on. On the display, the alarm indicator "🔔" will be lit.
- Press the ALARM ON/OFF button again to turn the alarm off. The alarm indicator "🔔" will no longer be visible.
- The alarm will sound for one minute at the programmed time.

## Using the Snooze

Pressing the SNOOZE/DIMMER button after the alarm sounds will cause the alarm to pause and the alarm will sound again in 5 minutes. This will repeat each time the SNOOZE/DIMMER button is pressed. The snooze indicator will flash to confirm snooze function is activated.

"Zz"

## Using the Backlight

While the alarm is not sounding, press the SNOOZE/DIMMER button to control the brightness of the backlight. There are 4 stages of brightness.

**NOTE:** The default is the brightest setting.

## Using the Projector Feature

- Press the PROJECTOR ON/OFF button to show the time & outside temperature on the ceiling.
- Press PROJECTOR ON/OFF button again to turn off.

## 5 Second Quick Glance

While projector is OFF, press the SNOOZE/DIMMER button to activate the projector for 5 seconds. This offers a quick glance at the time and temperature on the ceiling; the room must be dark to see the projected image.

**NOTE:** The default is OFF setting.

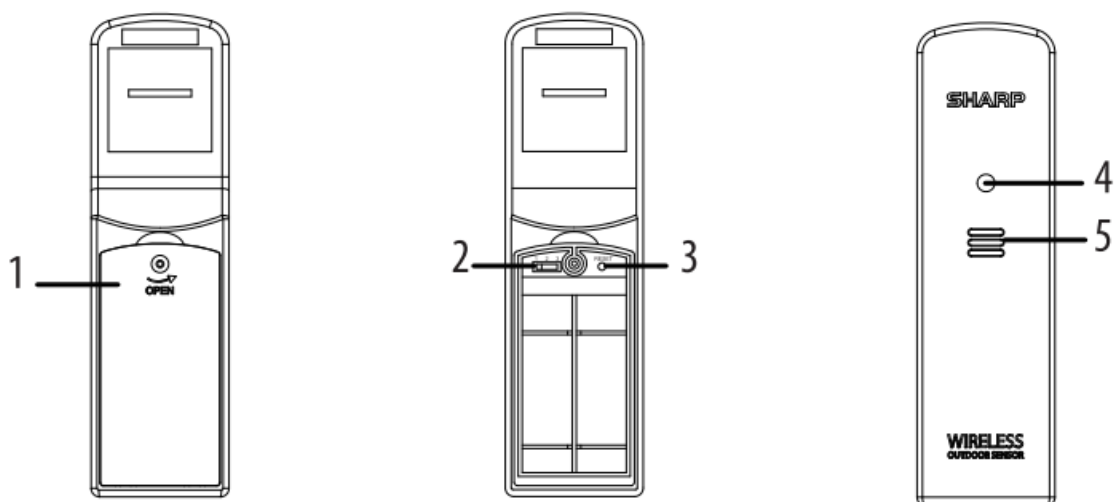
## Using the Outside Temperature Sensor

- The device is equipped with an outside temperature sensor that transmits a signal and shows the outside temperature on the display.
- Place 2 “AA” batteries (not included) in the Outside Temperature Sensor by removing the battery cover on the back of the sensor (Phillips head screw driver required, not included).
- Select a secure and sheltered location outside, avoiding direct sun exposure and ensure the sensor is within 100 feet of the clock.
- The device will automatically receive the signal and display the outside temperature on the LCD screen.
- **CHANNELS INDICATOR:** Manually switch the channels using the CHANNEL switch in the battery compartment of the sensor. Make sure the sensor and clock are on the same channel using the CHANNEL button on the clock. There are 3 channels for optimal reception.
- **SIGNAL INDICATOR:** When sensor and clock are on the same channel, and the clock can receive the signal from the sensor, the signal indicator will be shown on the LCD display.
- **SENSOR LOW BATTERY INDICATOR:** When the battery voltage is low the display will show a low battery indicator. Replace the batteries of the sensor. Controls

## Controls

### SENSOR

1. SENSOR POWER Door
2. CHANNEL SWITCH
3. RESET
4. LED Indicator
5. SENSOR



## Clock Battery Backup

- Remove the CLOCK BATTERY DOOR and insert 2 new “AAA” batteries (not included) in the direction of the polarity symbols. Please make sure the batteries are new and inserted correctly. The battery will hold the ALARM and TIME settings if the power is interrupted.

- There will be no display under battery power and the ALARM will sound at the correct time. If there is no battery and the power is interrupted, the display will show 12:00 and the ALARM / TIME will need to be reset.

## Battery Warning

- Clean the battery contacts and also those of the device prior to battery installation.
- Follow the polarity (+) & (-) to place battery.
- Don't mix old and new batteries.
- Don't 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.
- Don't dispose of batteries in fire. Batteries may explode or leak.

## 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 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.

**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 a dry cloth.
7. Do not block any ventilation openings, Install in accordance with the manufacturer'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 one wider than the other. A grounding-type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for the 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.
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 a 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 a 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 bookcase or similar unit, and remain a good ventilation condition. The ventilation should not be impeded by covering the ventilation openings with items such as newspapers, tablecloths, curtains, etc.
- All the above markings were located on the external enclosure of the apparatus, except for the label of Date Code was pasted inside the battery compartment. The apparatus shall not be exposed to dripping or splashing and objects filled with liquids, such as vases, shall not be placed on the 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.

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#### **References**

- [User Manual](#)

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