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# SHARP SPC946 Jumbo Display Digital Wall Clock User Manual

**Contents**

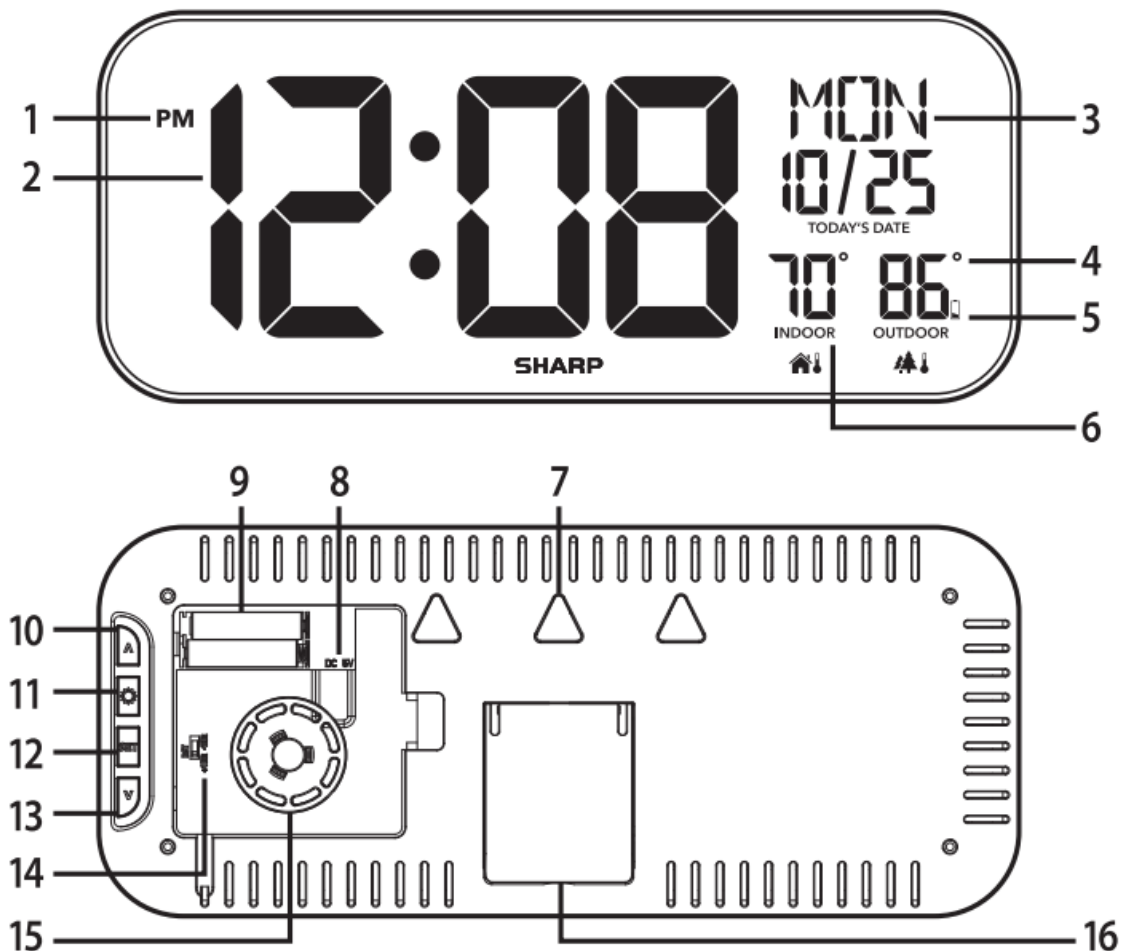**SHARP SPC946 Jumbo Display Digital Wall Clock User Manual**

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. The clock has a clear, easy-to-read display that shows indoor temperature, outdoor temperature, time, month, date and day. The remote sensor transmits the outdoor temperature. To receive the outdoor temperature, place the sensor anywhere within 100 feet; the 433.92MHz technology means no wire installation is required.

## Clock Features



1. AM/PM INDICATOR
2. TIME DISPLAY
3. CALENDAR DISPLAY
4. OUTDOOR TEMPERATURE DISPLAY
5. SENSOR LOW BATTERY INDICATOR
6. INDOOR TEMPERATURE DISPLAY

7. WALL MOUNTING HOLE

8. DC 5V JACK

9. BATTERY COMPARTMENT

10. Λ BUTTON

11. ![sun icon] BUTTON (DIMMER)

12. SET BUTTON

13. V BUTTON

14. DST +1/-1 HOUR SWITCH

15. CORD WRAP

16. BACK STAND

## Power Supply

Insert the AC adapter into a 120V AC ~ 60Hz mains outlet and the other end of the cord into the DC 5V jack on the back of the unit.

## Quick Start Guide

- Insert batteries into the wireless sensor.
- Insert the backup batteries into the clock (optional) and plug the clock in.
- Use the SET button to set the time, calendar and temperature display preference.
- Press and hold the SET button for 2 seconds, use the V/Λ buttons to make your
- TIME and CALENDAR settings and use the SET button to confirm each setting. For more details, see the "Setting the Clock" section below.

## Setting the Clock

**Setting Order:** HOUR > MINUTE > YEAR > MONTH > DAY > °C/°F

- Press and hold the SET button for 2 seconds, the HOUR will flash.
- Use the V/Λ buttons to increase or decrease the HOUR.
- Press the SET button to confirm the HOUR, the MINUTE will flash.
- Use the V/Λ buttons to increase or decrease the MINUTE.
- Press the SET button to confirm the MINUTE, the YEAR will flash.
- Use the V/Λ buttons to increase or decrease the YEAR.
- Press the SET button to confirm the YEAR, the MONTH will flash.
- Use the V/Λ buttons to increase or decrease the MONTH.
- Press the SET button to confirm the MONTH, the DAY will flash.
- Use the V/Λ buttons to increase or decrease the DAY.
- Press the SET button to confirm the DAY, °C/' F will flash.
- Use the V/Λ buttons to select between °C/' F temperature display.
- Press the SET button to confirm and save all settings.

**NOTE**: Day of week will automatically set based on the above calendar settings. If nothing is pressed for 10

seconds the clock will automatically save and exit from setting mode. Press and hold the SET button for 2 seconds to rapidly change values.

## Dimmer Function

Press the ⚙ button to use the display DIMMER. There are three levels of display brightness: High / Medium / Low (High is the default setting)
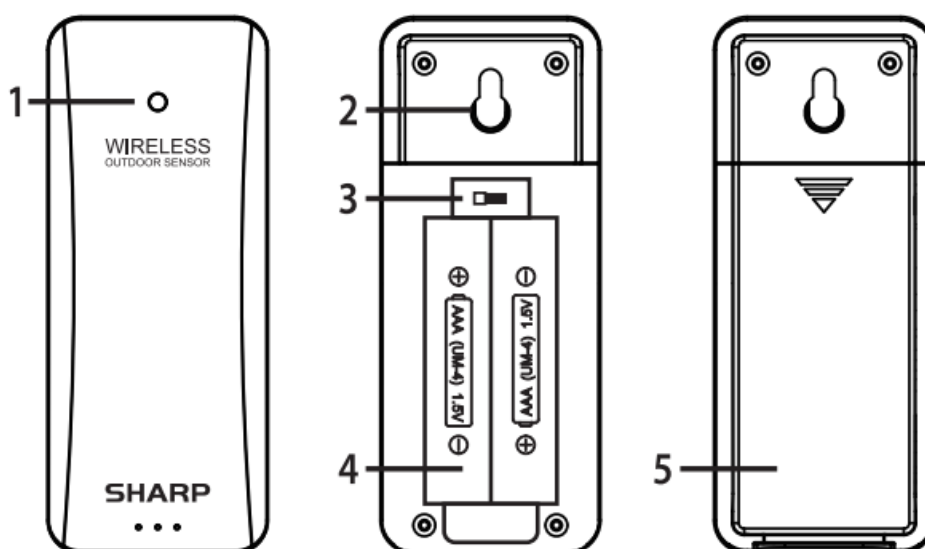
## Daylight Savings Switch

Use the DST switch to add or subtract one hour from the current time.

- When switched to the -1 HR side it will subtract one hour to the current time.
- When switched to the +1 HR side it will add one hour to the current time.

## Outdoor Sensor Features

1. **LED**: Flashes when remote unit transmits a reading.
2. **WALL MOUNT**
3. **CHANNEL SWITCH (inside battery compartment):** Assign the sensor to channel 1 to receive 433.92MHz signal.
4. **BATTERY COMPARTMENT:** Uses 2 AAA size batteries.
5. **BATTERY DOOR**



## Setting the Outdoor Sensor

- Remove the battery door and insert 2 AAA batteries into the battery compartment and follow the polarities marked.
- Slide the switch to Channel 1.
- Replace the battery door of the transmitter.
- Place the 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.

## Temperature Information

### Indoor Temperature

- Indoor temperature range: 32°F~122°F / 0°C~50°C
- If the temperature exceeds 122°F, the display will show Hi.
- If the temperature is lower than 32°F, the display will show Lo.

### Outdoor Temperature

- Outdoor temperature range: -21.8°F~ 150°F / -30°C~66°C
- If the temperature exceeds 150°F, the display will show Hi.
- If the temperature is lower than -21.8°F, the display will show Lo.

**NOTE:** After powering the clock the unit will search for the outdoor sensor within the first 3 minutes.

## Optional Battery Backup

- Remove the 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 TIME and CALENDAR settings if the power is interrupted.

There will be no display under battery power. If there is no battery and the power is interrupted, the display will flash 12:00 and the TIME / CALENDAR will need to be reset.

## Care of Your Clock

Replace the back up battery annually, or store the clock without a battery when not in use. A soft cloth or a paper towel may be used to clean your clock. Do not use any corrosive cleanser or chemical solutions on the clock. Keep the clock clean and dry to avoid any problems.

### Battery Precautions

- Only batteries of the same or equivalent type as recommended are to be used.
- Batteries are to be inserted with the correct polarity.
- The supply terminals are not to be short-circuited.
- Do not 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 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.

## Digital Alarm Clock

This lightning flash and arrowhead within the triangle is a warning sign alerting you of "dangerous voltage" inside the product.

**CAUTION**
RISK OF ELECTRIC SHOCK DO NOT OPEN

**CAUTION**: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (ON BACK). NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

The exclamation point within the triangle is a warning sign alerting you of important instructions accompanying the product,

**WARNING**: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

**CAUTION**: TO PREVENT ELECTRIC SHOCK DO NOT USE THIS (POLARIZED) PLUG WITH AN EXTENSION CORD, RECEPTACLE, OR OTHER OUTLET UNLESS THE BLADES CAN BE FULLY INSERTED TO PREVENT BLADE EXPOSURE.

Please read this before operating your unit.

## 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 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 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 cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart or rack is used, used 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 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 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.

- All above markings were located on the bottom 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.

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## References

- **User Manual**