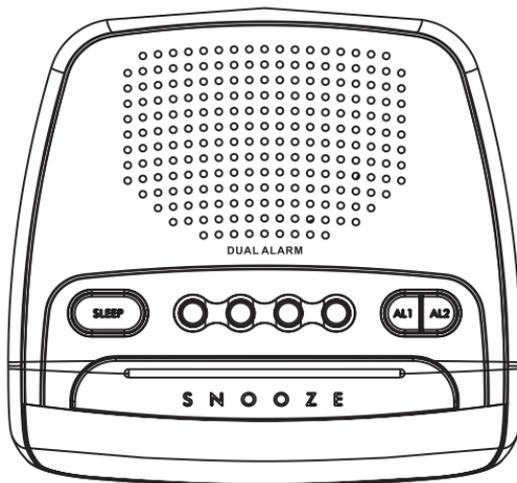


# SANYO

## INSTRUCTION MANUAL

## RM-6860

### AM/FM Digital Alarm Clock Radio



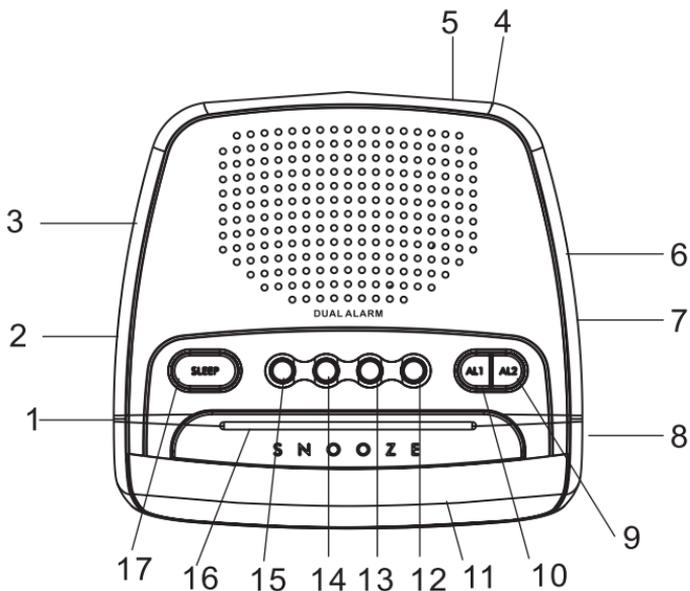


Fig. 1

**CAUTION:**

THE APPARATUS SHALL NOT BE EX-POSED TO DRIPPING OR SPLASHING. NO OBJECTS FILLED WITH LIQUIDS, SUCH AS VASES, SHALL BE PLACED ON THE APPARATUS.

The rating label is located on the bottom of the unit.

## PRECAUTIONS

- Keep the radio away from heating appliances and electric sources that could cause static on the radio such as fluorescent lamps and motors.
- Do not play your earphone at a high volume level. Hearing experts advise against continuous extended play.  
If you experience a ringing in your ears, reduce the volume or discontinues use.
- To keep the cabinet clean, wipe off dust and stains with a soft damp cloth.  
**DO NOT USE A SOLUTION CONTAINING BENZOL OR PETROLEUM PRODUCTS.**
- Do not install this equipment in a confined space, such as a book case or built in cabinet.
- No object filled with liquids, such as vases, shall be placed on the apparatus.

## CONTROLS (Fig. 1)

1. ALARM 1 BUZZ/RADIO/OFF
2. ALARM 2 BUZZ/RADIO/OFF
3. RADIO AUX/ON/OFF
4. AUX IN socket (AUX IN)
5. Earphone socket (EAR)
6. Volume knob (VOLUME)
7. Band switch (BAND AM/FM)
8. Tuning control (◀TUNING ▶)
9. Alarm 2 button (AL2)
10. Alarm 1 button (AL1)
11. LED display
12. Alarm stop button (ALARM STOP)
13. Time set button (TIME SET)
14. Slow down button (SLOW DOWN)
15. Fast up button (FAST UP)
16. Snooze button (SNOOZE)
17. Sleep button (SLEEP)

## BACK-UP BATTERY INSTALLATION (Fig. 2)

Connect a standard 9V (006P/6F22) battery (not included) to the snap-on terminal matching the polarity.

### NOTE:

If the time display is blinking when the mains returns after a failure, the back-up battery is exhausted and must be replaced.

### BATTERY BACK-UP SYSTEM

This unit incorporates a battery back-up system which protects the clock, sleep timer and wake-up alarm functions from the mains failure with the battery installed. During the mains interruption, the clock display will go out, but the clock movement remains in operation. The time display will be resumed when the mains return.

Reset the time if the display time is incorrect.

When the mains lead is connected to the AC outlet for the first time, or when the mains returns after a failure longer than the battery life, the display will blink.

In this case, set the clock and timer again.

## POWER SUPPLY

Connect the mains lead to an AC 230V, 50Hz wall outlet.

- The **RADIO AUX/ON/OFF** switch is mounted on the secondary side. The unit is not disconnected from mains, even switched off.

## Earphone

Connect the 1/8-inch (3.5mm) earphone to the **EAR** socket for (mono output) on the back of the radio for monitoring or for private listening.

The speakers are automatically disconnected when the earphone is connected.

## ADJUSTING THE CLOCK

1. Set the **RADIO AUX/ON/OFF** switch to **OFF**.
2. While holding the **TIME SET** button down, push the **FAST UP** or **SLOW DOWN** button respectively to select the current time.
3. Release the **TIME SET** button.

## LISTENING TO THE RADIO

1. Set the **RADIO AUX/ON/OFF** switch to **ON**.
2. Set the **BAND** switch to **AM** or **FM**.
3. Turn the **TUNING** control to tune in a station.
4. Adjust the **VOLUME** control as desired.
5. To turn the radio off, set the **RADIO AUX/ON/OFF** switch to **OFF**.

### Aerials

- For **AM** reception, rotate or relocate the unit to a different position to improve the reception of a distant or weak station.
- For **FM** reception, a short wire aerial is provided. Unwind the short wire aerial and extend it to full length.

## SETTING THE ALARM

1. Set the **RADIO AUX/ON/OFF** switch to **OFF**.
2. Set the **ALARM1** or **ALARM 2** switch to the appropriate position.  
For the first alarm time setting, set the **ALARM** switch to **ALARM 1**.  
For the second alarm time setting, set the **ALARM** switch to **ALARM 2**.
3. While holding the **ALARM 1** or **ALARM 2** button down, push the **FAST UP** or **SLOW DOWN** button respectively to select the wake-up time.
4. Release the **ALARM 1** or **ALARM 2** button.

#### Note:

If you want to check the time setting, simply push the **ALARM 1** or **ALARM 2** button.

## USING THE ALARM

1. If you want to wake up with the radio, tune in the station and adjust the volume level first.
2. Set the wake-up time. (See “SETTING THE ALARM”.)
3. Set the **ALARM BUZZ/RADIO/OFF** switch to **ALARM-RADIO** or **ALARM-BUZZER**.  
**ALARM 1/2-RADIO:** Wake up with the radio  
**ALARM 1/2 -BUZZER:** Wake up with the buzzer.  
The ALARM 1/2 indicator lights. The timer is set.
4. Set the **ALARM 1/2** switch to the appropriate position.
  - a) For **ALARM 1** to sound. Set the **ALARM 1** switch to **ALARM 1–RADIO** or **ALARM 1-BUZZER**, the **ALARM 1** indicator will be displayed on the left bottom of the LED,
  - b) For **ALARM 2** to sound. Set the **ALARM 2** switch to **ALARM 2-RADIO** or **ALARM 2-BUZZER**, the **ALARM 2** indicator will be displayed on the right-bottom of the LED.

## STOP THE ALARM

At the preset alarm time, the alarm sound, then turns off after 59 minutes. The alarm timer will function every day unless it is released.

To turn off the alarm immediately, press **ALARM STOP** button.

To temporarily silence the alarm buzzer or radio, press **SNOOZE**. This silences the alarm for about 6 minutes. You can repeat this cycle as many times as you like.

To turn off the alarm so it does not sound again, set **ALARM 1/2- BUZZ/RADIO/OFF** to **OFF**.

To reset the alarm to sound again at the same time the next day, set it back to **BUZZER** or **RADIO**.

## USING THE SLEEP TIMER

1. Set the **RADIO AUX/ON/OFF** switch to **OFF**.
2. Push the **SLEEP** button. "0:59" (59 minutes) appears. The radio turns on and will turn off automatically after 59 minutes.
  - To select the desired time, while holding the **SLEEP** button down, push the **FAST UP** or **SLOW DOWN** button repeatedly to select the sleep time. Release the **SLEEP** button.

### NOTES:

- To release the sleep timer while in operation, set the sleep time to 00:00.
- If you push the **SLEEP** button after sleep time setting, the sleep time will be shown. (If you hold the **SLEEP** button for more than 2 seconds, it will count down automatically.)

## AUX IN FUNCTION

1. Set the **RADIO AUX/ON/OFF** switch to **AUX**.
2. Simply connect the plug to **AUX. IN** socket in the back of the radio.
3. Rotate **VOLUME** knob to select the desired sound level.

## SPECIFICATIONS

**Output power:**

350 m Watts (AC max.)

**Speaker**

6 cm

**Tuning ranges:**

AM: 510- 1650kHz

FM: 87 - 108.5 MHz

**Antennas:**

Built-in ferrite bar and antenna lead  
wire

**Power source:**

AC: 230 V, 50 Hz

DC: 9 V (Clock black-up, 006P type,  
not supplied)

**Power consumption:**

Approx. 150 x 55 x 144 mm

Specifications subject to change without  
notice.

The SANYO logo consists of the word "SANYO" in a bold, sans-serif font. The letter "A" is stylized with vertical lines passing through it, and the letter "Y" also features vertical lines, giving the logo a distinctive, modern appearance.

**SANYO Electric Co., Ltd.**  
Made in China