

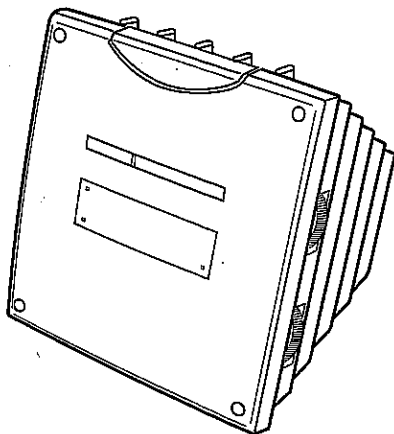
# SANYO

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**INSTRUCTION MANUAL**

**RM-80**

**AM/FM Digital Alarm Clock Radio**

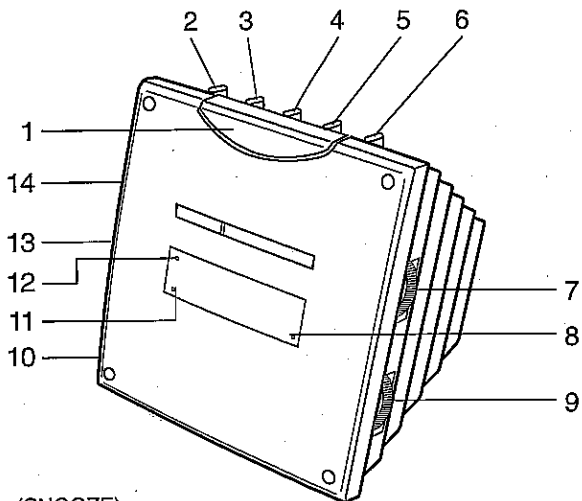


## **PRECAUTION**

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- **THE APPARATUS SHALL NOT BE EXPOSED TO DRIPPING OR SPLASHING.**
- The rating label is located on the rear of the unit.
- Keep the radio away from heating appliances and electric sources that could cause static on the radio such as fluorescent lamps and motors.
- The radio should not be directly exposed to sunlight and should be kept free from dust, moisture and vibration.
- 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.

## CONTROLS



1. Snooze button (SNOOZE)
2. Alarm button (ALARM)
3. Time button (TIME)
4. Fast forward button (FAST UP)
5. Slow forward button (SLOW UP)
6. Sleep button (SLEEP)
7. Tuning control (TUNING)
8. Second alarm indicator (ALARM 2)
9. Volume control (VOLUME)
10. Function switch (FUNCTION)
11. First alarm indicator (ALARM 1)
12. PM indicator (PM)
13. Alarm switch (ALARM)
14. Radio band switch (BAND)

# POWER SUPPLY

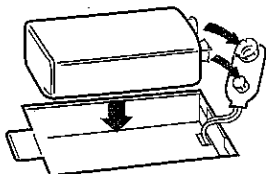
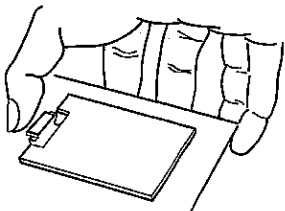
## AC POWER OPERATION

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

- The **FUNCTION** switch is mounted on the secondary side. The unit is not disconnected from mains, even switched off.

## BACK-UP BATTERY INSTALLATION

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



### 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.

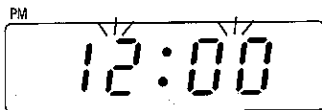
## ADJUSTING THE CLOCK

When the unit is first connected to the AC power line, the clock display blinks on the display.

### Example:

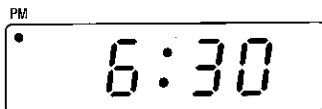
To Set "6:30 PM"

1. Set the **FUNCTION** switch to **OFF**.



2. While holding the **TIME** button down, push the **FAST UP** or **SLOW UP** button respectively to select the current time.

When the PM indicator is lighted, the time display is in PM, and when the indicator is not lighted, it is in AM.



3. Release the **TIME** button.

## LISTENING TO THE RADIO

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1. Set the **FUNCTION** 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 **FUNCTION** 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.

## WAKE-UP TIME SETTING

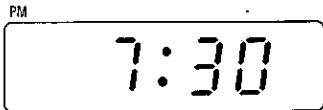
**Before setting the timer, make sure that the clock is set to the present time.**

Set the first wake-up time, second wake-up time, and function to be used. The operation will start with the selected function at the wake-up time.

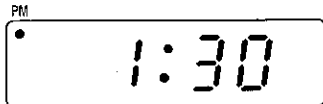
Example:

To set first wake-up time 7:30 AM and second wake-up time 1:30 PM.

1. Set the **FUNCTION** switch to **OFF**.
2. Set the **ALARM** selector to the **ALARM 1**.
3. While holding the **ALARM** button down, push the **FAST UP** or **SLOW UP** button respectively to select the wake-up time.



4. Release the **ALARM** button.
5. Set the **ALARM** select to the **ALARM 2**.
6. Repeat step 3 to set **ALARM 2**.



7. Released the **ALARM** button.

### NOTE:

- Do not set the **ALARM** switch to **ALARM 1+2** when wake-up time setting.
- If you want to check the time setting, simply push the **ALARM** button.

## USING THE WAKE-UP TIMER

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 "WAKE-UP TIME SETTING".)
3. Set the **FUNCTION** switch to **ALARM-RADIO** or **ALARM-BUZZER**.  
**ALARM-RADIO:** Wake up with the radio  
**ALARM-BUZZER:** Wake up with the buzzer.
4. Set the **ALARM** selector to the appropriate position:
  - a) For **ALARM 1** to sound, set the **ALARM** selector to **ALARM 1**. The **ALARM 1** indicator will be displayed.
  - b) For **ALARM 2** to sound, set the **ALARM** selector to **ALARM 2**. The **ALARM 2** indicator will be displayed.
  - c) For both **ALARM 1** and **2** to sound, set the **ALARM** selector to **ALARM 1+2**. The **ALARM 1** and **2** indicators will be displayed.

When the timer **ON** time arrives, the radio or buzzer will sound for approximately 59 minutes and then turn off automatically. The wake-up timer will function every day unless it is released.

To release the timer, set the **FUNCTION** switch to **OFF**.

### **SNOOZE MODE**

During the wake-up timer is operating, press the **SNOOZE** button. The radio or buzzer will stop for approximately 7 minutes but will start again and this will be repeated.

#### **NOTES:**

- If the **SNOOZE** button is not pressed, the radio or buzzer will sound for approximately 59 minutes and then turn off automatically.
- To cancel the snooze mode, push the **SLEEP** button or set the **FUNCTION** switch to **OFF**.



## USING THE SLEEP TIMER

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1. Set the **FUNCTION** switch to **OFF**, **ALARM-RADIO** or **ALARM-BUZZER**.
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 UP** button to select the sleep time (up to 59 minutes). Release the **SLEEP** button.

### NOTES:

- To release the sleep time while in operation, set the **FUNCTION** switch to **ON** then **OFF**.
- If you push the **SLEEP** button after sleep time setting, the sleep time will be shown. (If you hold the **SLEEP** button more than about 2 seconds, it will count down automatically.)

## USING THE SLEEP TIMER AND WAKE-UP TIMER

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1. Set the wake-up time and select **ALARM-RADIO** or **ALARM-BUZZER**.  
(See "WAKE-UP TIME SETTING" and "USING THE WAKE-UP TIMER".)
2. Set the sleep time. (See "USING THE SLEEP TIMER".)
3. Tune in a station and adjust the volume level as desired.

## SPECIFICATIONS

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**Output power:**

400m Watts (AC max.)

**Speaker:**

6 cm

**Tuning ranges:**

AM: 526.5 ~ 1606.5 kHz

FM: 87.5 ~ 108 MHz

**Antennas:**

Built-in ferrite bar and antenna lead wire

**Power source:**

AC: 230 V, 50 Hz

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

**Power consumption:**

7 Watts

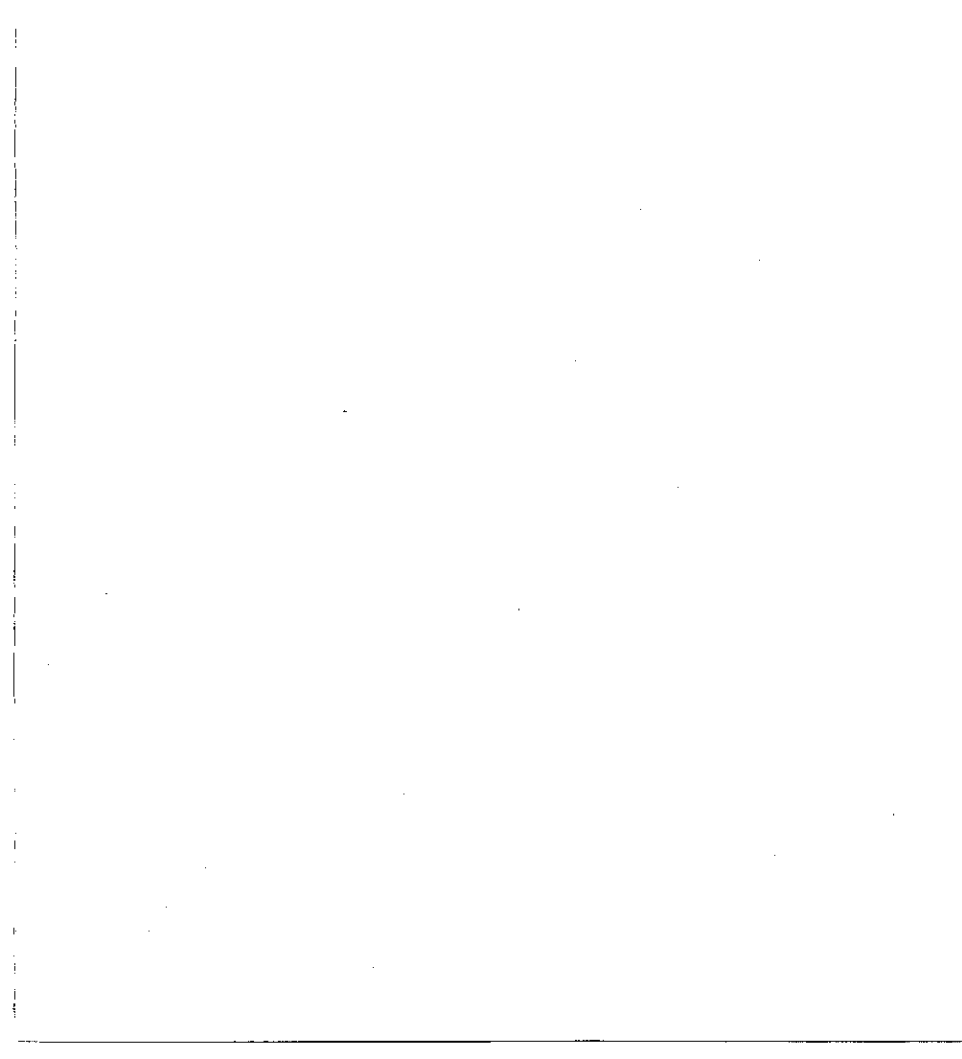
**Dimensions:**

Approx. 143 x 143 x 121 mm

**Weight:**

Approx. 680 g (Without battery)

Specifications subject to change without notice.



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