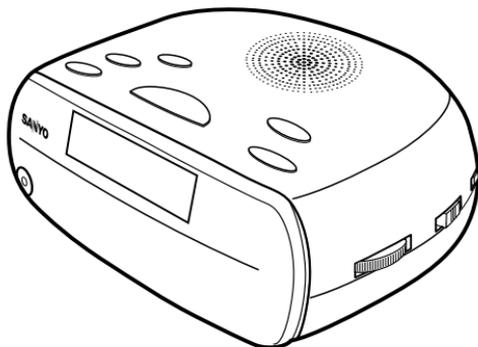




INSTRUCTION MANUAL

RM-6090

AM/FM Digital Alarm Clock Radio



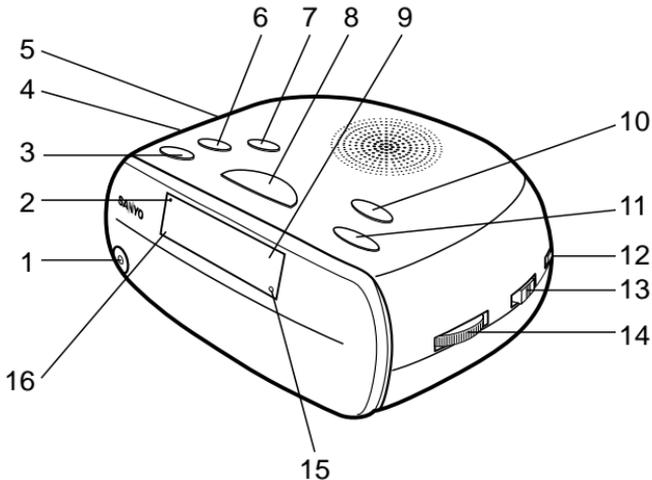
PRECAUTIONS

CAUTION:

THE APPARATUS SHALL NOT BE EXPOSED 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.

- 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 discontinue 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.



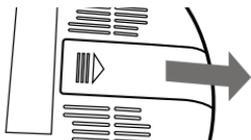
CONTROLS

1. Earphone socket (EAR)
2. PM indicator (PM)
3. Time button (TIME)
4. Volume control (VOLUME)
5. Alarm select switch (ALARM 1/ALARM 1+2/ALARM 2)
6. Alarm button (ALARM)
7. Sleep button (SLEEP)
8. Snooze button (SNOOZE)
9. Display
10. Fast up button (FAST UP)
11. Slow up button (SLOW UP)
12. Function switch (ON/OFF/ALARM-RADIO/ALARM-BUZZER)
13. Band switch (AM/FM)
14. Tuning control (◀ TUNING ▶)
15. Alarm 2 indicator (ALARM 2)
16. Alarm 1 indicator (ALARM 1)

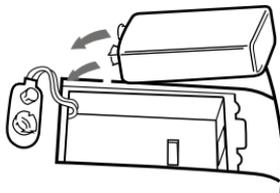
BACK-UP BATTERY INSTALLATION

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

1.



2.



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 230-240V, 50Hz wall outlet.

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

Earphone

Connect an earphone (not supplied) to the EAR socket for monitoring or for private listening. The speakers are automatically disconnected when the earphone is connected.

ADJUSTING THE CLOCK

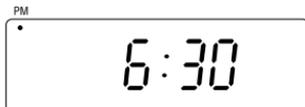
Example:

To set "PM 6:30"

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.



3. Release the **TIME** button.

LISTENING TO THE RADIO

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

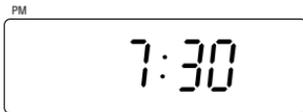
- For **AM** reception, rotate or relocate the unit to a different position to improve the reception of a distant or weak station.
- For **FM** reception, a short wire aerial is provided. Unwind the short wire aerial and extend it to full length.

WAKE-UP TIME SETTING

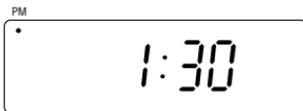
Example:

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

1. Set the **FUNCTION** switch to **OFF**.
2. Set the **ALARM** switch to **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** switch to **ALARM 2**.
6. Repeat 3~4 steps to set the second wake-up time.



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** switch to the appropriate position:
 - a) For **ALARM 1** to sound, set the **ALARM** switch to **ALARM 1**. The **ALARM 1** indicator will be displayed.
 - b) For **ALARM 2** to sound, set the **ALARM** switch to **ALARM 2**. The **ALARM 2** indicator will be displayed.
 - c) For both **ALARM 1** and **2** to sound, set the **ALARM** switch 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

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. 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

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

Output power:

400 m Watts (AC max.)

Speaker

6 cm

Tuning ranges:

AM: 526.5 - 1605.5 kHz

FM: 87.5 - 108 MHz

Antennas:

Built-in ferrite bar and antenna lead wire

Power source:

AC: 230-240V, 50 Hz

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

Power consumption:

7 Watts

Dimensions

Approx. 182 x 142 x 82 mm

Weight:

Approx. 620 g (Without battery)

Specifications subject to change without notice.

The SANYO logo consists of the word "SANYO" in a bold, sans-serif font. The letter "Y" is stylized with multiple vertical lines of varying lengths passing through it, creating a sense of motion or a digital signal.

SANYO Electric Co., Ltd.
Printed in China