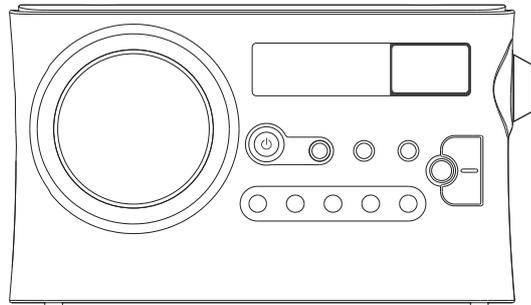


# PR-D4



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Version 2

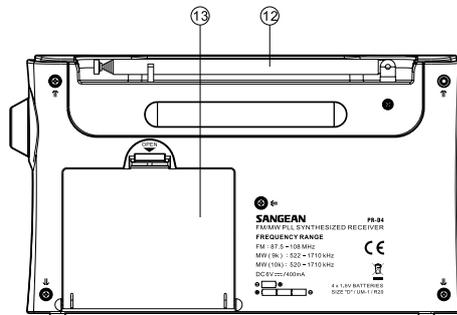
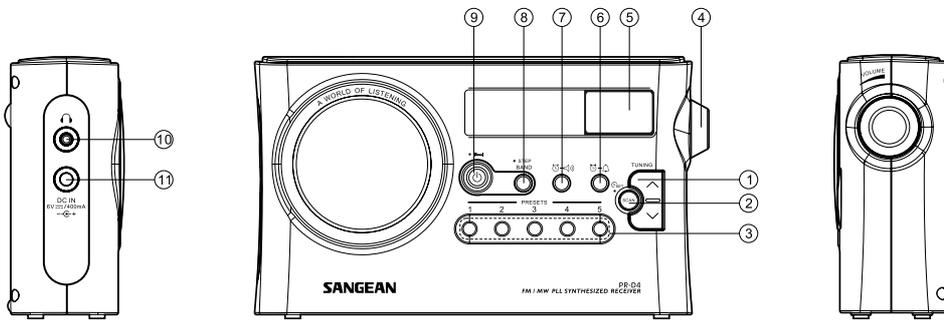
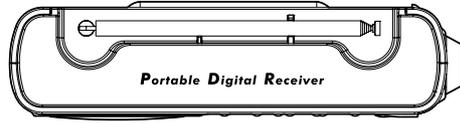


## **IMPORTANT SAFETY INSTRUCTIONS**

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
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.

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10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and 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 is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service 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, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
15. To Reduce the Risk of Fire or Electric Shock, Do not Expose This Appliance To Rain or Moisture.
16. The Shock Hazard Marking and Associated Graphical Symbol is provided on the bottom panel of unit.
17. Apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, shall not be placed on the apparatus.

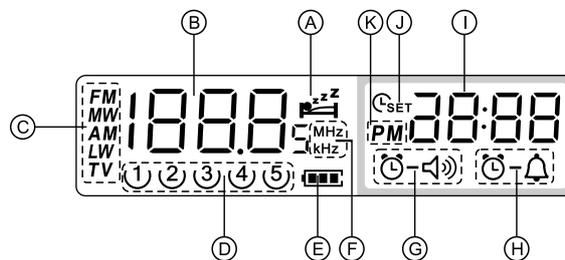
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## Controls

- ① Tuning Up/Down
- ② Scan tuning and Time setting
- ③ Preset buttons
- ④ Volume Control
- ⑤ LCD display
- ⑥ Buzzer alarm set
- ⑦ Radio alarm set
- ⑧ Band and Tuning step selection
- ⑨ Power button
- ⑩ Headphone socket
- ⑪ DC input socket
- ⑫ Telescopic aerial
- ⑬ Battery compartment

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## LCD Display

- |                           |                |
|---------------------------|----------------|
| ① Sleep and snooze status | ⑦ Radio alarm  |
| ② Frequency               | ⑧ Buzzer alarm |
| ③ Band indicator          | ⑨ Clock        |
| ④ Preset stations         | ⑩ Time set     |
| ⑤ Battery power           | ⑪ PM for clock |
| ⑥ Frequency unit          |                |

## **Battery operation**

1. Remove the battery cover on the rear of the unit by pressing the catch.
2. Insert four UM-1 (D size) batteries into the spaces in the compartment.
3. Take care to ensure all batteries are inserted with correct polarity as shown on the rear cabinet. Replace the battery cover.
4. Reduced power, distortion and a “stuttering sound” or low battery sign is flashing with an “E” shown on the display are all signs that the batteries need replacing.
5. If the radio is not to be used for any extended period of time, it is recommended that the batteries are removed from the radio.

## **Using AC power adaptor (not supplied in some markets)**

The AC power adaptor required for this unit should be 6 volts DC at 400 mA center pin negative.

Insert the adaptor plug into the DC socket on the left side of the radio. Plug the adaptor into a standard mains socket outlet. Whenever the adaptor is used, the batteries are automatically disconnected. The AC adaptor should be disconnected from the main supply when not in use.

## Setting the clock

1. Clock can be set either the radio is power on or off.
2. Display will show “ - : - - “ when the batteries are installed or when the radio is connected to the mains supply.
3. Press the  button for more than 2 seconds, display will flash time set symbol  and also the hour digits, followed by a beep.
4. Press Tuning Up/Down buttons to set the required hours.
5. Press  button, the minute digits will flash.
6. Press Tuning Up/Down buttons to set required minute.
7. Press the  button to complete time setting.

CB

## Operating the radio

This radio is equipped with three tuning methods – Scan tuning, Manual tuning and Memory presets recall.

### Scan tuning

1. Press the Power button to turn on the radio.
2. Select the required waveband by pressing the Band button.  
For FM band fully extend and rotate telescopic aerial to get best reception. For MW (AM) band, rotate the radio to get best signal.
3. Press and release Scan button (long press Scan button more than 2 seconds will activate time setting), the radio will up search and stop automatically when it finds a radio station.  
Press the Scan button again to pick up the found station .  
Note:  
The radio will continue to search next available stations if you do not press Scan again when it finds a radio station.
4. Rotate the Volume control to get required sound level.
5. To turn off the radio, press the Power button.  
Display will show OFF.

## **Manual tuning/station searching**

1. Press the Power button to turn on the radio.
2. Select the required waveband by pressing the Band button.  
Adjust the antenna as described above .
3. A single press on either the Tuning up or down button will change the frequency in the following increments:  
FM: 50 or 100 kHz  
MW: 9 or 10 kHz
4. Press and hold either Tuning Up or Down button until the frequency in the display begins to change rapidly. Release the button.  
Your radio will search the selected waveband and stop automatically when it finds a station of sufficient strength.
5. Rotate the Volume control to get required sound level.
6. To turn off the radio, press the Power button.  
Display will show OFF.

## **Storing stations in preset memories**

There are 5 memory presets for each waveband.

1. Press the Power button to turn on the radio.
2. Tune to required station using one of the methods previously described.
3. Press and hold down the required preset until the radio beeps.  
The preset number will appear in the display and the station will be stored under chosen preset button.
4. Repeat this procedure for the remaining presets.
5. Stations stored in preset memories can be overwritten by following above procedures.

## Recalling stations from preset memories

1. Press the Power button to turn on the radio.
2. Select the required waveband.
3. Momentarily press the required Preset button, the preset number and station frequency will appear in the display.

CB

## Setting the radio alarm

When the radio alarm is selected, the radio will turn on and play the chosen radio station at the chosen alarm time. The radio alarm will continue for one hour unless turned off by pressing the Power button. Press the Power button whilst the alarm is activated will cancel the alarm for 24 hours.

Note:

Radio alarm can be activated only until both radio alarm time and radio alarmed station are set. Radio alarm will be automatically switched buzzer alarm when the radio is in low battery status or the selected radio alarm station signal is too weak.

### **a. Setting the radio alarm**

1. The radio alarm can be set when radio is on or off.
2. Press and hold the radio alarm button until the radio alarm symbol flashes on the display followed by a beep.
3. Press the Tuning up/ down button to select the desired hour and press the Time setting button to confirm hour setting.
4. Press the Tuning up/ down button to select the desired minute and press the Time setting button to confirm minute setting.
5. While radio alarm symbol is flashing, press the Tuning up/ down to select desired wake-up band and station, then press the Time setting button to confirm the selection. Radio alarm setting is now completed.

### ***b. When the alarm sounds***

6. To cancel a sounding alarm, press the Standby button to cancel a sounding alarm.

### ***c. Disabling / cancelling alarm setting***

7. To cancel the radio alarm setting, press and hold the radio alarm button for 2 seconds (followed by a beep) before the alarm sounds off.

Note:

If new radio alarm station is not selected, it will select the last alarm station.

## **Setting the HWS (Humane Wake System) buzzer alarm**

A beep tone will activate when selecting the HWS alarm. The alarm beep will increase in volume every 15 seconds for one minute followed by one minute silence before repeating the cycle. The HWS alarm will sound for one hour until turning off by pressing the Power button. Press the Power button whilst the alarm is activated will cancel the alarm for 24 hours.

### ***a. Setting the buzzer alarm***

1. The buzzer alarm can be set when radio is on or off.
2. Press and hold the buzzer alarm button until the buzzer alarm symbol flashes on the display followed by a beep.
3. Press the Tuning up/ down button to select the desired hour and press the Time setting button to confirm hour setting.
4. Press the Tuning up/ down button to select the desired minute and press the Time setting button to confirm minute setting.  
Buzzer alarm setting is now completed.

### ***b. When the alarm sounds***

5. To cancel a sounding alarm, press the Standby button to cancel a sounding alarm.

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### ***c. Disabling / cancelling alarm setting***

7. To cancel the buzzer alarm setting, press and hold the buzzer alarm button for 2 seconds (followed by a beep) before the alarm sounds off.

## **Snooze function**

1. Whilst the alarm is activated, press any buttons except the Power button will active the snooze function. The radio or HWS buzzer alarm will be silenced with interval of 5 minutes.
2. The display will flash both the snooze symbol **z z Z** and the alarm symbol. The snooze function can be repeatedly during the 1 hour that the alarms are active.

## **Sleep function**

The sleep timer will automatically switch off the radio after a preset time has elapsed.

1. Press and continue to hold down the Power button for more than 2 seconds, followed by beep tone , the display will cycle through the available sleep times in the order 60-45-30-15-120-90-60. Release the Power button when the required sleep time appears in the display. The  symbol will appear in the display and the radio will play the last station selected .
2. To cancel the sleep function, press the Power button, the  symbol will disappear and radio is off.

## Display backlight

Press any buttons will illuminate the LCD display for approx. 10 seconds. During scanning stations and alarm activated, will also automatically illuminate the display.

## Software version

The software display cannot be altered and is just for your reference.

1. Turn off the radio.
2. Press the Band/ step button for 2 seconds until the software version number (e.g. P01) shown on the display.

## Time format

3. Continue pressing the Band/ step button until '24H' or '12H' shown on the display followed by a beep.
4. Press the Tuning up/ down button to choose the desired selection and press the Band/ step button to confirm the setting.

## FM range setting

5. After the time format is completed, the display will automatically change to FM range setting. Press the Tuning up/ down button to choose the desired selection and press the Band/ step button to confirm the setting. Options for FM range are as following:

F00 : 87.5-108 MHz

F01: 76-90 MHz

F02: 76-108 MHz

## Setting Tuning step

6. After the FM range setting is completed, the display will switch to tuning step setting. Press the Tuning up/ down button to choose the desired FM tuning step (50 kHz or 100 kHz) and press the Band/ step button to confirm the setting.
7. After the confirmation of FM tuning step, press the Tuning up/ down button to choose the desired AM tuning step (9kHz or 10 kHz) and press the Band/ step button to confirm the setting.

CB

## Factory reset

If you wish to completely reset your radio to its initial state this may be performed by following this procedure. By performing a factory reset, all user entered settings will be erased.

Press and hold Preset 5 button and the Power button together until 'dEF' shown on the display followed by an beep. Now the factory reset is completed.

## Headphone socket

A 3.5mm headphone socket located on the left-hand of your radio is provided for use with either headphones or an earpiece. Inserting a plug automatically mutes the internal speaker.

Warning:

Excessive sound pressure from earphones and headphones can cause hearing loss.

## Specifications

### ***Power Requirements***

AC Power adaptor    DC 6V 400mA center pin negative

Batteries                4 X UM-1 (D size)

Battery Life             Approx . 170 hours of listening for 4 hours  
a day at normal volume using alkaline cells

Frequency Coverage FM 87.50 – 108 MHz  
MW 522 – 1710 kHz (9 kHz /step) or  
MW 520 – 1710 kHz (10 kHz/step)

### ***Circuit Feature***

Loudspeaker            3 inches 4 ohm

Output Power           800 mW

Headphone socket    3.5 mm dia.

Aerial System           Telescopic aerial