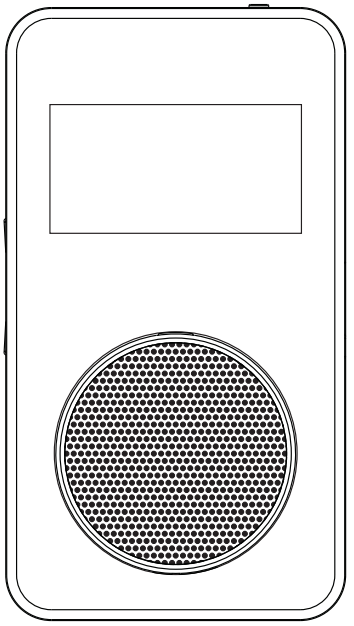
DPR-35



GB

Version 1

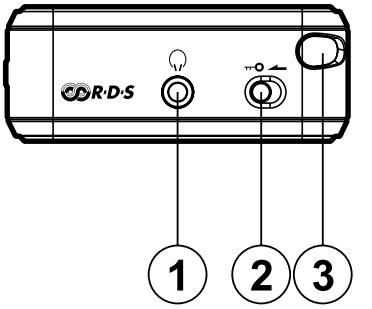
IMPORTANT SAFETY INSTRUCTIONS

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.
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 rear of unit.
17. Apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, shall be placed on the apparatus.
18. Excessive sound pressure on ear- and headphones could impair the hearing ability. Higher setting that idle on the equalizer leads to higher signal voltages on the output for ear and headphones.
19. The power plug should be close to the radio, and easy to be approached that during the emergency, to disconnect the power from the radio, just unplug the power plug from the AC power slot.
20. Where the MAINS plug or an appliance coupler is used as the disconnect device, the disconnected device shall remain readily operable.
21. To prevent possible hearing damage, do not listen at high volume levels for long periods.

CAUTION: These servicing instructions are for use by qualified service personnel only. To reduce the risk of the electric shock, do not perform any servicing other than that contained in the operating instructions unless you are qualified to so.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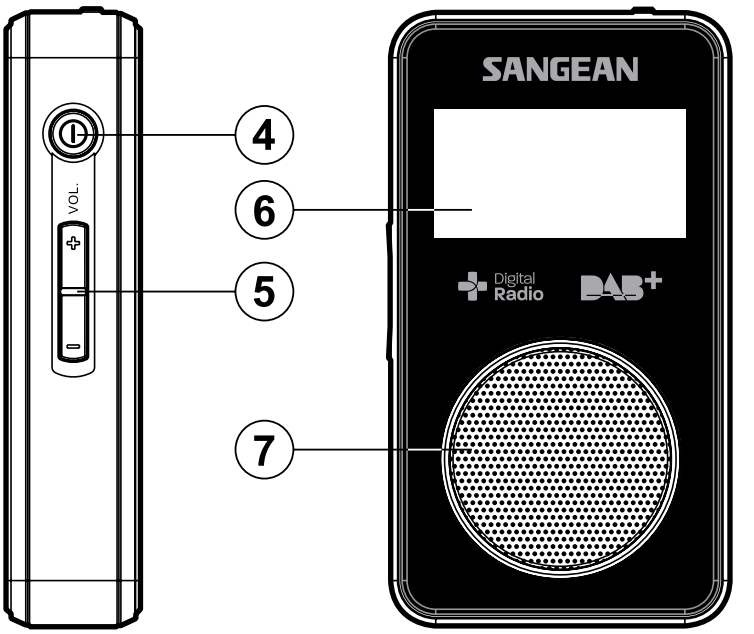
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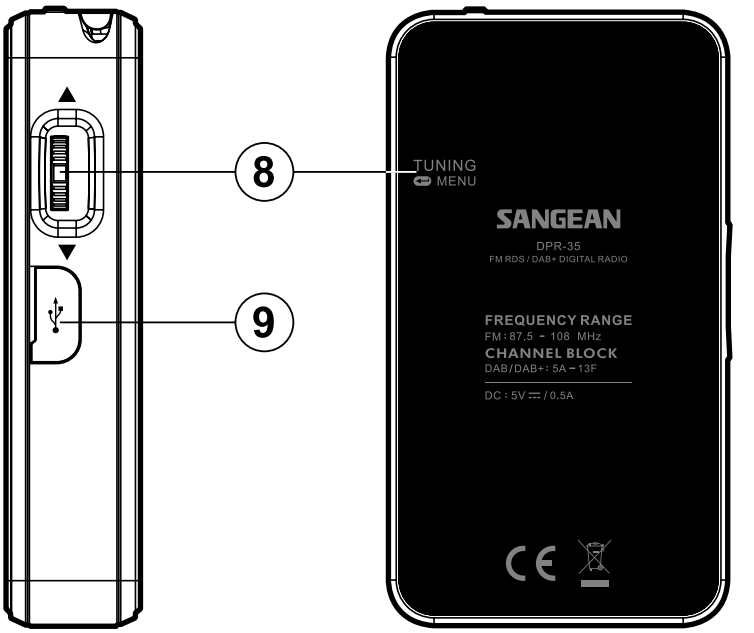
SANGEAN
Digital Radio
DAB+


8
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TUNING
MENU
SANGEAN
DPR-35
FM RDS / DAB+ DIGITAL RADIO
FREQUENCY RANGE
FM : 87.5 - 108 MHz
CHANNEL BLOCK
DAB/DAB+ : 5A – 13F
DC : 5V ⎓ / 0.5A

Controls

GB

① Headphone socket
② Lock switch (Note: If this is activated, your radio will not operate.)
③ Telescopic antenna
④ Power button
⑤ Volume button
⑥ LCD display
⑦ Loudspeaker
⑧ Tuning/ Menu jog wheel
⑨ DC socket

Charging the radio

The DPR 35 features a built in 1850 mAH Lithium rechargeable battery to power the radio.

Before operating the radio for the first time please fully charge the battery.

The DPR 35 is supplied with a 5V/500 mA AC adaptor.

1. Insert the adaptor plug into the DC socket on the right side of your radio. Plug the adaptor into a standard mains outlet and the radio will begin charging the built in battery.

Charging time is approx. 4 hours with radio off and 10 hours with radio on. The battery power icon on the LCD display will flash whilst charging and stop flashing when the radio is fully charged.

The battery operating time is approx. 20 hours listening through the speaker and approx 28 hours with headphones. Reduced power, distortion, 'stuttering' sounds or battery power indicator in "low" are all signs that the battery needs to be recharged.

Note:

If charging the radio when the power is off, the battery power icon does not display on the LCD.

Headphones

The 3.5 mm stereo headphone socket located on the top of your radio is provided for use with stereo headphones or an earpiece.

Connecting headphones automatically mutes the built in speaker.

Important:

Excessive volume levels from earphones and headphones may cause damage to your hearing.

Setting the clock

The DPR-35's clock will automatically update each time you turn on the radio and tune to a DAB+ radio station or to an FM station which is broadcasting the time via RDS. Time display will flash 0:00 for a few seconds then display the clock time when it receives DAB+ or FM – RDS clock time signal.

Initial operation – DAB+ (Digital Radio)

This step is only necessary for initial setup –

1. Ensure the battery is fully charged.
2. Fully extend the telescopic antenna.
3. Press the Power button on the left hand side of your radio.
4. The display will show "Welcome to Digital Radio" and start to scan the entire DAB+ channel range and stop at the first found station. If the radio has been used before, the last used station will be selected. Press in the tuning/menu jog wheel to play the station.
5. Turn the jog wheel either up or down to display station list and find desired station. Press in the jog wheel to select the station. The radio will tune to the station and display the station name.
6. Adjust the volume for comfortable listening.

Service Information – DAB+

The Service Information display - Technical information on the current status of the station being broadcast.
While listening to DAB+, continually press in the jog wheel to cycle through information on
a. Program type (PTY)
b. Multiplex Name
c. Time
d. Date
e. Channel and Frequency
f . Bit Rate and Codec
g. Signal Strength

Menu Functions

Press in and hold the jog wheel for 2 seconds to enter the menu list. The display will first show DAB and <Find Services>. Turn the jog wheel up or down and choose from the following options: ‘Find Services’, ‘Back’, ‘FM mode’, ‘Settings’ and ‘Favorites’.

A) Find Services –

Press in the tuning/menu jog wheel and turn up or down to select.

- Scan

press in the jog wheel to scan the whole DAB+ network in your area. Radio will tune to the first station found after the scanning is completed.

- Back

press in the jog wheel to go back to the previous menu display.

- Manual Tune

press in and turn the jog wheel to scroll the whole station list. Press in the jog wheel to select desired station.

B) Back

Press in the jog wheel to go back to current listening status.

C) FM mode

Press in the jog wheel to select FM band.

D) Settings

Press in the jog wheel to select from following settings options:

- Auto select

Press in and turn the jog wheel to select YES or NO. Default setting is NO.

Press YES and the radio will auto select and tune to the station shown on the display within a few seconds.

- Back

Press in the jog wheel to go back to settings menu.

- Software upgrade

From time to time, new software features for your radio may be developed. Your radio has therefore been designed to allow its internal software to be updated using your USB upgrade port.

You should not attempt to update your radio unless it is recommended to you by Sangean Customer Services. Updating the software may remove all network settings and radio station presets from your radio.

Software updates for your radio may be available in the future.

As software updates become available software and information on how to update

your radio can be found at:

http://sg.sangean.com.tw/first/first.asp

http://www.sangean.eu/

www.sangean.com.au

For more information, please contact our Head Office by sending an email to: info@ sangean.com

- SW version

Press in the jog wheel to view software version installed in the radio. Press in the jog wheel again to go back to

Settings menu.

- Factory reset

Press in and turn the jog wheel to select YES or NO. Select YES to erase all saved settings, station lists and favorites. All settings will revert to factory default.

- Language

Your radio functions can be configured to a different language. Press in and turn the jog wheel to select your desired language. The current language setting is marked with an asterisk.

- Set contrast

Turn and press in the jog wheel to select required LCD display contrast. Display contrast will change accordingly.

- Set backlight

Press in the jog wheel to select Backlight Auto. Select YES and display backlight will auto shut off 12 seconds after last operation. Select NO and the display backlight will remain on.

- DRC

Dynamic Range Control (DRC) feature can make quieter sounds easier to hear, especially when your radio is used in a noisy environment. This function only works within the DAB band.

Press in DRC and turn the jog wheel to cycle through; DRC off, DRC Low and DRC High. Press in to select your required option:

DRC off – DRC is switched off, broadcast DRC will be ignored.

DRC low – DRC level is set to 1/2 that sent by broadcaster.

DRC high – DRC is set as sent by broadcaster.

- Service Information

Press in the jog wheel each time to cycle through DLS (Radio Text) information.

Options are: back, signal strength, broadcasting bit rate, frequency, date, time, ensemble and program type.

- Sleep

Use the Sleep menu to set auto shut off timer. Press in the jog wheel to cycle through:

Sleep off (auto shut off disabled), 90-60-45-30-15 Auto shut off timer.

Radio will turn off after selected sleep time has elapsed.

E) Favourites –

The Favorites menu is used to store and recall favorite stations. You can store a maximum of 10 stations in the DAB+ band.

- Store a station

Tune to a station as per previous instructions, press in jog wheel to allocate Favorites menu. Press in the jog wheel again to find “Preset Store”. Turn the jog wheel to allocate preset number you wish to use (1-10). Press in the jog wheel and the display will show “Preset x stored”. Repeat this step to store additional presets as required.

Stations which have been stored in the preset favorites list may be overwritten by following the above procedures.

- Recall a station

Press in the jog wheel to find “Preset Recall”. Turn the jog wheel to find the preset station you wish to recall. Press in the jog wheel to select.

Operating your radio – FM

1. Turn on the radio by pressing Power button. Press in jog wheel for 2 seconds to enter Menu. Turn the jog wheel and scroll to FM Mode and press in to select the FM band.

Searching tuning - FM

1. Turn the jog wheel up or down until display shows “scanning”.
2. The radio will search in an upwards or downwards direction until it finds a station of sufficient signal strength.

Manual tuning – FM

Turn and release the jog wheel either up or down to change the frequency in 50 kHz increments until you find the desired station.

Service information

When listening to an FM radio station with RDS broadcasting, press in the jog wheel to cycle through the Radio Text information, Radio text, PTY, Audio Type, Time, Date and Frequency.

Menu

Press in the jog wheel for 2 seconds to enter FM Menu. Turn the jog wheel to choose from the following option: ‘Distant/ Local’, ‘Back’, ‘DAB mode’, ‘Settings’ and ‘Favourites’

A) Distant/Local

When using the FM mode your radio can be set to either scan local stations or to scan all stations including distant radio stations. Press in and turn the jog wheel to enter the setting.

Select ‘Local’: only the stations with the strongest signals are found during scanning

Select ‘Distant’: all available stations are found during scanning

B) Back

press in the jog wheel to return to FM listening.

C) DAB mode

press in the jog wheel to switch to DAB mode.

D) Settings

press in the jog wheel to select from the following settings:

- Audio setting

Turn the jog wheel to select Stereo allowed or Forced mono.

Select ‘Stereo allowed’: the radio will receive FM stereo broadcasts.

Select ‘Forced mono’: to improve reception of a weak FM signal.

- Back

Press in the jog wheel to go back to settings menu.

- Software upgrade

From time to time, new software features for your radio may be developed. Your radio has therefore been designed to allow its internal software to be updated using your USB upgrade port.

You should not attempt to update your radio unless it is recommended to you by Sangean Customer Services. Updating the software may remove all network settings and radio station presets from your radio.

Software updates for your radio may be available in the future.

As software updates become available software and information on how to update

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www.sangean.eu/

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For more information, please contact our Head Office by sending an email to: info@ sangean.com

- SW version

Press in the jog wheel to view software version installed in the radio. Press in the jog wheel again to go back to Settings menu.

- Factory reset

Press in and turn the jog wheel to select YES or NO. Select YES to erase all saved settings, station lists and favorites. All settings will revert to factory default.

- Language

Your radio functions can be configured to a different language. Press in and turn the jog wheel to select your desired language. The current language setting is marked with an asterisk.

- Set contrast

Turn and press in the jog wheel to select required LCD display contrast. Display contrast will change accordingly.

- Set backlight

Press in the jog wheel to select Backlight Auto. Select YES and display backlight will auto shut off 12 seconds after last operation. Select NO and the display backlight will remain on.

- Service Information

Press in the jog wheel each time to cycle through DLS (Radio Text) information.

Options are: back, date, time, audio type, program type, radio text.

- Sleep

Use the Sleep menu to set auto shut off timer. Press in the jog wheel to cycle through:

Sleep off (auto shut off disabled), 90-60-45-30-15 Auto shut off timer.

Radio will turn off after selected sleep time has elapsed.

E) Favourites

The Favorites menu is used to store and recall favorite stations. You can store a maximum of 10 stations in the FM band.

- Store a station

Tune to a station as per previous instructions, press in jog wheel to allocate Favorites menu. Press in the jog wheel again to find “Preset Store”. Turn the jog wheel to allocate preset number you wish to use (1-10). Press in the jog wheel and the display will show “Preset x stored”. Repeat this step to store additional presets as required.

Stations which have been stored in the preset favorites list may be overwritten by following the above procedures.

- Recall a station

Press in the jog wheel to find “Preset Recall”. Turn the jog wheel to find the preset station you wish to recall. Press in the jog wheel to select.

Key lock function

The key lock function is used to prevent unintentional operation of the radio.

1. Key lock switch is located on the top panel of the radio next to headphone socket. When the key lock switch is set to LOCK, the power and volume control buttons will be disabled. Display will show “Key Locked” for a few seconds.
2. To switch off the key lock function switch the key lock button to off position. The key lock function will be disabled.

Safety information for internal rechargeable Lithium-ion battery

The internal rechargeable lithium-ion battery used in this device is able to supply power for a long period of time. However, even lithium-ion batteries reach a point where they cannot be recharged. If the battery does not recharge after several attempts, it may be drained (has a low charge), please contact info@sangean.com.tw for repair information.

However, if you do not want us to replace the battery, you will need to dispose of used batteries/device in accordance to the laws and regulations in your area. In addition, you can contact your local electronics retailers or recycling center for disposal.

User Safety Precautions

- Check the room temperature range is 0°C – 45° C (32° - 113° Fahrenheit) before charging the battery.
- Do not attempt to disassemble the plastic covering or any parts of the device, as the materials inside may be toxic and may damage skin and clothes.
- Do not puncture, crush, modify, throw or cause any unnecessary shock to your battery, **as the battery used in this device may present a risk of fire, explosion, or chemical burn if mistreated.**
- Do not leave, charge or use the battery in a car under direct sunlight, near fire or a heated source.
- Do not immerse, throw, wet the battery in water/seawater.
- Do not use or charge the battery if it appears to be abnormally hot, discoloration, deformation or abnormal conditions is detected during use, charge or storage.
- Do not leave a charging battery unattended. Keep the battery away from babies and children.

Specifications

Power Requirement:
Mains (via supplied AC adaptor)
AC 100-240 50/60 Hz
DC5V 500 mA
Batteries: 3.7V/1850 mAH

Battery Life:
Approx 20 hours listening through the speaker for 4 hours a day at normal volume.
Approx 28 hours of listening with headphones for 4 hours a day at normal volume.

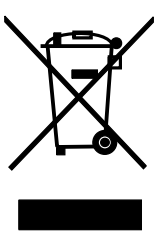
Frequency Coverage:
FM 87.50 – 108 MHz
DAB+ Band III 5A – 13 F

Circuit Features
Headphones: 32 ohm, in-ear style

Output Power: 5mW (headphone). 150 mW (speaker)

Speaker: 32 ohm, 36 mm diameter

The company reserves the right to amend the specification without notice.



If at any time in the future you should need to dispose of this product please note that: Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist.Check with yourLocalAuthority or retailer for recycling advice. (Waste Electrical and Electronic Equipment Directive)