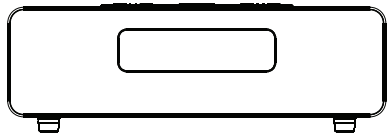
DDR-36



GB

Version 1

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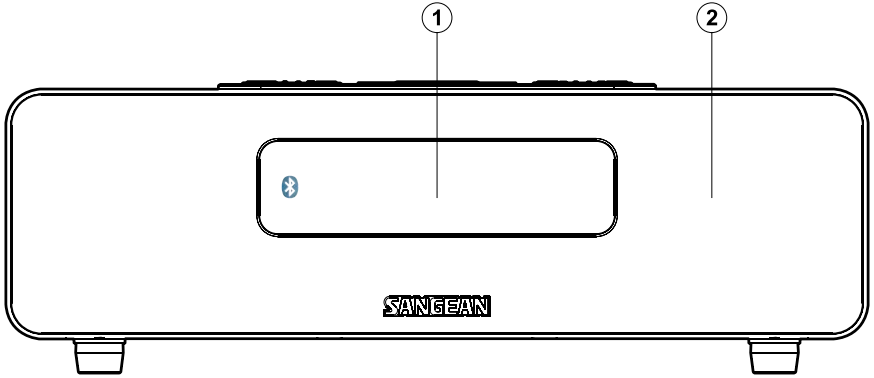
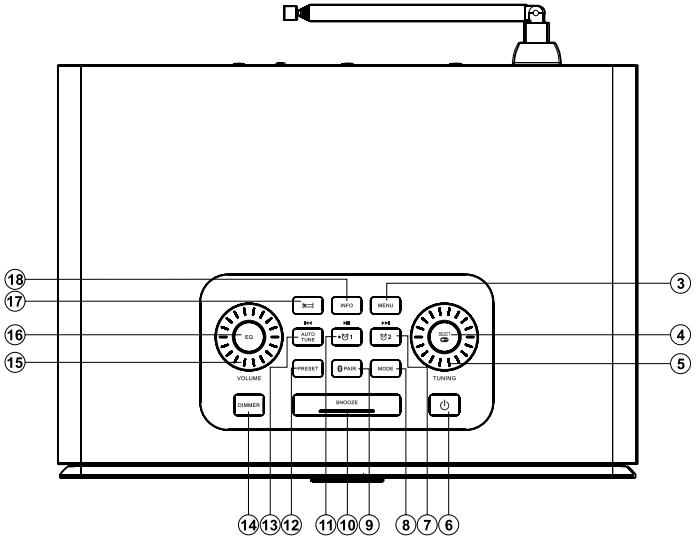
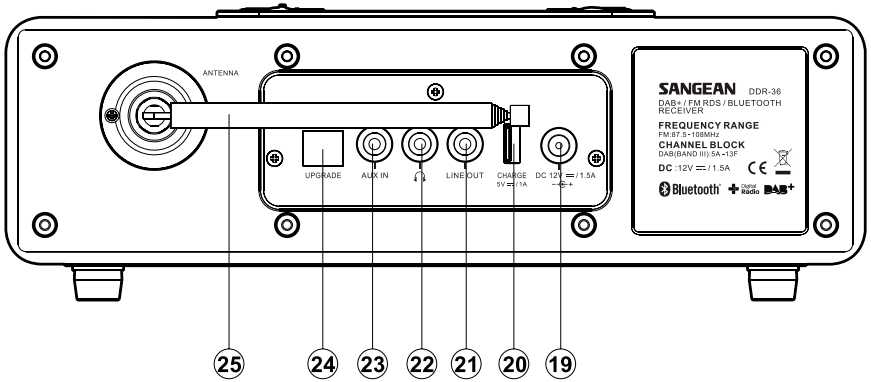


1. LCD display
2. Speaker



3. Menu button
4. Select button
5. Tuning control
6. Standby button
7. Alarm 2 button/ Fast-forward button
8. Mode button
9. Bluetooth Pair button
10. Snooze button
11. Alarm 1 button/ Play/ Pause button
12. Preset button
13. Auto tune button/ Rewind button
14. Dimmer button
15. Volume button
16. EQ button
17. Sleep button
18. Info button



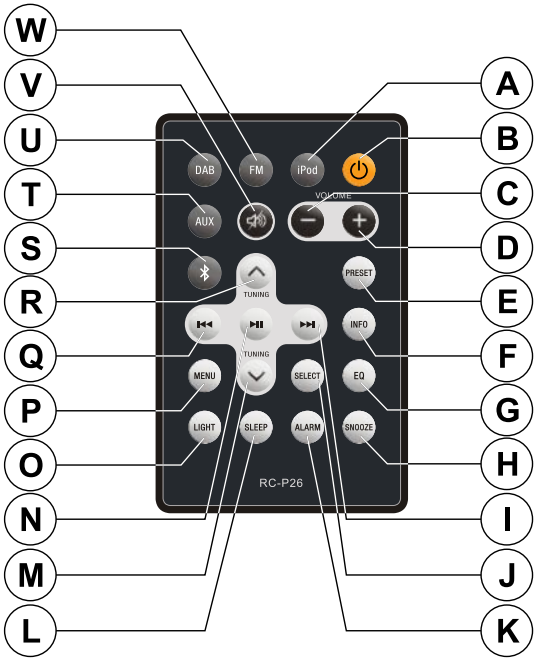
19. DC power in jack
20. Socket for USB charging
21. Line out jack
22. Headphone jack
23. Aux in jack
24. Socket for software upgrade
25. Telescopic aerial for DAB+ / FM

Note:

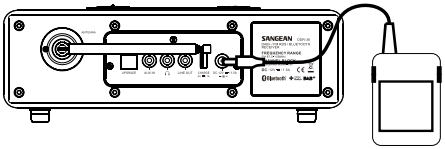
For the sake of clarity, the instructions for the use of the controls throughout this instruction manual show the buttons on the radio. The buttons on the remote can be used if you prefer.

Controls (remote control)

A . iPod mode button (not available in this model)
B . Standby button
C . Volume down button
D . Volume up button
E . Preset button
F . Info button
G . EQ button
H . Snooze button
I . Fast-forward button
J . Select button
K . Alarm button
L . Sleep button
M . Tuning down button
N . Play/ pause button
O . Light (Dimmer) button
P . Menu button
Q . Rewind button
R . Tuning up button
S . Bluetooth mode / pair button
T . Aux in mode
U . DAB mode
V . Mute button
W . FM mode button



Using the radio for the first time

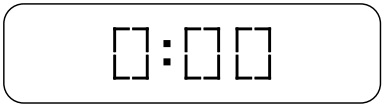


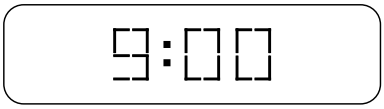
1. Place your radio on a flat surface.

2. Fully extend the telescopic aerial located on the rear of your radio.

3. Insert the adaptor plug into the DC socket located on the rear of your radio. Plug the adaptor into a standard mains outlet. The display will show “Welcome to Digital Radio” for a few seconds. After s short time, the current time will appear on the display.

4. If no stations are found, “0:00” will be displayed. Press the Standby button to turn on your radio and it will find a DAB clock radio stations. It may be necessary to relocate your radio to a position giving better reception and carry out a scan to find stations as described in later sections.



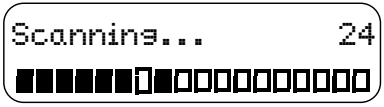


IMPORTANT:

The mains adaptor is used as the means of connecting the radio to the mains supply. The mains socket used for the radio must remain accessible during normal use. In order to disconnect the radio from the mains completely, the mains adaptor should be removed from the mains outlet completely.

Operating your radio

1. Press the Standby button to switch on your radio. The display will show “Scanning” for a few seconds.



When first switched on, the radio will be in DAB mode. Then the first station in the list of stations found during scanning will be played. The display will show the station name on the display.

After each use the radio will remember the last mode used and then switch on in that mode the next time that it is used. If the radio has been used before, the last used station will be selected.

If no signals are found then “No Service Available” will be displayed and it may be necessary to relocate your radio to a position giving better reception. You should then carry out a scan to find stations.

Note:
that radio station name and frequency displays shown in this user guide may differ from those that you see on your radio. Broadcasters may change radio station names that are transmitted, and the frequencies used for DAB and FM radio stations may not be the same in all parts of the country.

Selecting a station - DAB

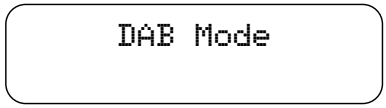
1. Press the Standby button to switch on your radio.

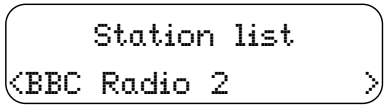
2. Press and release the Mode button until the DAB mode is selected. The display will show the name of the radio station currently selected.

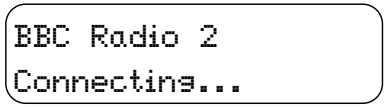
3. Rotate the Tuning control to step through the list of available stations.

4. When the desired station name appears on the display, press and release the Select button to select the station. The display will show 'Connecting' while your radio finds the new station.

5. Adjust the Volume control to the required setting.





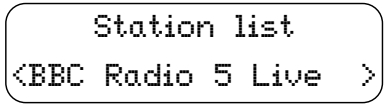


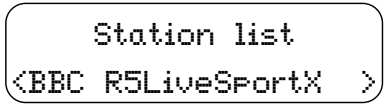
Note:
If after selecting a station, the station is not found it may be necessary to relocate your radio to a position giving better reception.

Secondary services - DAB

1. Certain radio stations have one or more secondary services associated with them. If a station has a secondary service associated with it then the secondary service will then appear immediately after the primary service as you press the Tuning.

2. To tune to the secondary service, press and release the Select button. Most secondary services do not broadcast continually and if the selected service is not available, the radio will re-tune to the associated primary service.





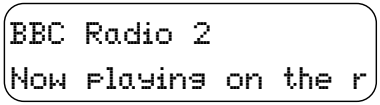
Display options - DAB

Your radio has a range of display options when in DAB mode:-

1. Press and release the Info button to cycle through the various options. All display options except the text display will revert to the clock display after about 10 seconds.

a. Scrolling text	Displays scrolling text messages such as artist/track name, phone in number, etc.
b. Programme type	Displays type of station being listened to e.g. Pop, Classic, News, etc.
c. Multiplex Name	Displays the name of the DAB multiplex to which the current station belongs.
d. Time and date	Displays the current time and date.
e. Frequency & channel	Displays frequency and channel number for the currently tuned DAB station.
f . Bit rate & audio type	Displays the digital audio bit rate and audio type for the currently tuned DAB station.
g. Signal strength	Displays the signal strength for the currently tuned DAB station. The open block in the signal strength graph shows the minimum signal strength needed for good DAB reception. The signal blocks will go up or down showing the changing signal strength as you adjust the aerial or the radio position.

a



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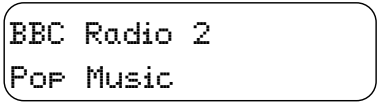

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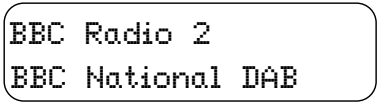

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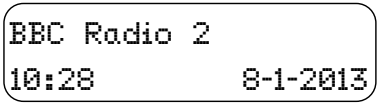
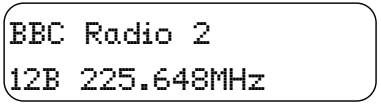
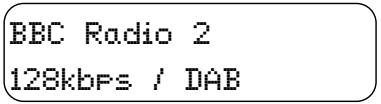


e



f



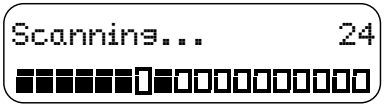
g

Finding new stations - DAB

From time to time, new DAB radio stations may become available. Or you may have moved to a different part of the country. In this case you may need to cause your radio to scan for new stations.

1. Press and release the Menu button until the Advanced DAB menu shows on the display.

2. Press the Auto tune button to scan for new stations. Your radio will perform a scan of the Band III DAB channels. As new stations are found, the station counter on the right-hand side of the display will increase and stations will be added to the list.



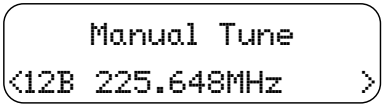
Manual tuning - DAB

Manual tuning allows you to tune your radio to a particular DAB frequency in Band III. Any new stations found will be added to the station list. This function can also be used to assist the positioning of the aerial or the radio to optimize reception for a specific channel or frequency.

1. Press the Menu button until the Advanced DAB menu shows on the display and then release the button.

2. Rotate the Tuning control until the display shows 'Manual Tune'.

3. Press and release the Select button to enter the manual tuning mode.



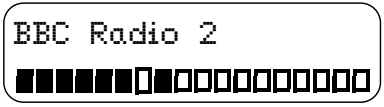
4. Rotate the Tuning control to select the desired DAB channel.

5. Press and release the Select button. The open block in the signal strength graph shows the minimum signal strength needed for good DAB reception. The signal blocks will go up and down showing the changing signal strength as you adjust the telescopic aerial or the radio position. Any new radio stations found on the tuned DAB multiplex will be added to the list stored in the radio.

6. Press and release the Select button to return to normal tuning mode.

Signal strength display - DAB

1. Press and release the Menu button until the display shows signal strength. The open block in the signal strength graph shows the minimum signal strength needed for good DAB reception. The signal blocks will go up and down showing the changing signal strength as you adjust the aerial or the radio position.



Dynamic Range Control (DRC) - DAB

The DRC facility can make quieter sounds easier to hear when your radio is used in a noisy environment.

There are three levels of compression:
DRC Off No compression applied. (default)
DRC High Maximum compression applied.
DRC Low Medium compression applied.

1. Press the Standby button to switch on your radio.

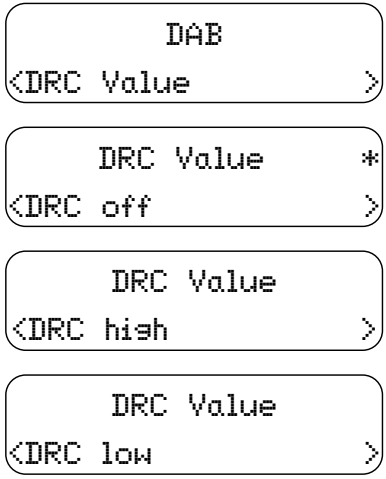
2. Press and release the Mode button until the DAB band is selected.

3. Press and release the Menu button until the Advanced DAB menu shows on the display.

4. Rotate the Tuning control until 'DRC Value' appears on the display. Press and release the Select button. The display will show the current DRC value which will be marked with an asterisk.

5. Rotate the Tuning control to select the required DRC setting (default is off).

6. Press and release the Select button to confirm the setting. After several seconds the display will return to the normal radio display.



Note:
Not all DAB broadcasts are able to use the DRC function. If the broadcast does not support DRC, then the DRC setting in the radio will have no effect.

Prune stations - DAB

Over time, some DAB services may stop broadcasting, or may change location and then not be able to receive a station. In order to remove such stations from the DAB station list, the Prune stations function will delete the DAB stations from your station list that can no longer be received. Stations which cannot be found or which have not been received for a very long time are shown in the station list with a question mark.

1. Press the Standby button to switch on your radio.

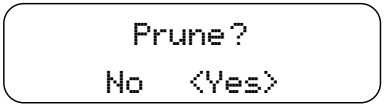
2. Press and release the Mode button until the DAB mode is selected.

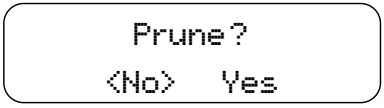
3. Press and release the Menu button until the Advanced DAB menu shows on the display.

4. Rotate the Tuning control until 'Prune' appears on the display. Press and release the Select button.

5. Press the Tuning Up or Down buttons to highlight 'Yes'. Press and release the Select button to cause the stations list to be pruned, eliminating unavailable stations.

6. If you do not wish to prune stations highlight 'No' in step 5 and then press and release the Select button. The display will revert back to the previous display.





Note:
If you have moved to a different part of the country you should also carry out a search for new stations (please see the section 'Finding new stations' in previous section).

Operating your radio - FM auto-tune

1. Fully extend the telescopic aerial located on the rear of your radio.

2. Press the Standby button to switch on your radio.

3. Press and release the Mode button until the FM band is selected.

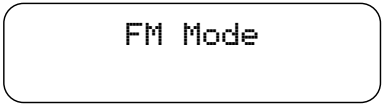
4. Press and release the Auto tune button to cause your radio to search from low frequency to high frequency and to stop automatically when it finds a station of sufficient strength.

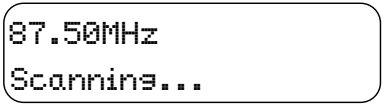
5. After a few seconds the display will update. The display will show the frequency of the signal found. If the signal is strong enough and there is RDS data present then the radio may display the station name.

6. To find other stations press the Auto tune button as before. When the end of the waveband is reached, your radio will recommence tuning from the opposite end of the waveband.

7. Adjust the Volume to the required setting.

8. To switch off your radio, press the Standby button.





Note:
If you find that FM reception is poor, try repositioning the aerial. If you find that an FM broadcast has a lot of background hiss, this may often be reduced by setting the radio into Mono reception mode for the current FM station. Please refer to the later section "Stereo / Mono setting - FM".

Manual tuning - FM

1. Fully extend the aerial located on the rear of your radio.

2. Press the Standby button to switch on your radio.

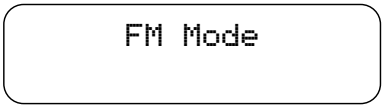
3. Press and release the Mode button until the FM band is selected.

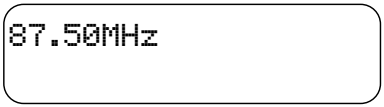
4. Rotate the Tuning control to tune to a station. The frequency will change in steps of 50kHz. If the radio is tuned to a station of sufficient signal strength with RDS information present, then the display may change to show the station name.

5. When the waveband end is reached the radio will recommence tuning from the opposite waveband end.

6. Set the Volume to the desired setting.

7. To switch off your radio press the Standby button.





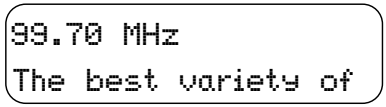
Display options - FM

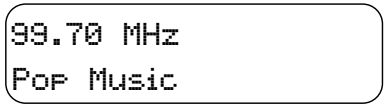
Your radio has a range of display options for FM mode:-

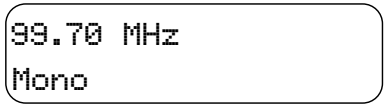
The Radio Data System (RDS) is a system in which inaudible digital information is transmitted in addition to the normal FM radio programme. RDS offers several useful features. The following are available on your radio. All display options except the text display will revert to the clock display after about 10 seconds.

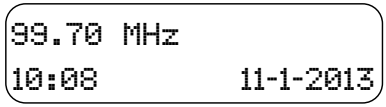
1. Press and release the Info button to cycle through the various options.

a. Scrolling text	Displays scrolling text messages such as artist/ track name, phone in number, etc.
b. Programme type	Displays type of station being listened to e.g. Pop, Classic, News, etc.
c. Multiplex name	Displays the name of the FM multiplex to which the current stations belongs.
d. Audio type	Displays the audio type for the currently tuned FM station.
e. Time & date	Displays the current time and date.









Note:
If no RDS information is available, the radio will be unable to display the station name, scrolling text and programme type information.

Stereo / Mono setting - FM

Your radio will play stereo FM broadcasts in stereo provided that the received signal is of adequate strength. However, as a stereo signal becomes weaker the audio signal will become poorer. It may be preferable to force the radio to play the station in mono in order to reduce the level of background hiss.

1. Press the Standby button to switch on your radio.

2. Tune to the required FM radio station as previously described.

3. Press and release the Menu button until the Advanced FM menu shows on the display.

4. Rotate the Tuning controls until 'FM Audio' appears on the display. Press and release the Select button.

5. To switch to mono to reduce the hiss from a weak FM signal rotate the Tuning control until 'Mono' appears on the display. Press and release the Select button to confirm the setting. The current audio setting will be marked with an asterisk.

6. Alternatively to return to stereo rotate the Tuning control until 'Auto' appears on the display. Press and release the Select button to confirm the setting.

Scan sensitivity setting - FM

Your radio includes a local/distant option for the auto-scan function. By setting the radio to the 'local' scan option, weaker signals from more distant transmitters can be ignored by the radio, making stronger signals easier to find.

1. Press and release the Standby button to switch on your radio.

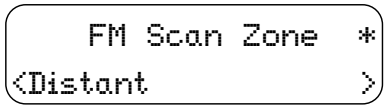
2. If needed, press and release the Mode button until the FM band is selected.

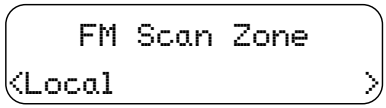
3. Press and release the Menu button until the Advanced FM menu shows on the display.

4. Rotate the Tuning control until 'FM Scan Zone' shows on the display. Press and release the Select button to enter the scan sensitivity adjustment mode. The current setting will be marked with an asterisk.

5. Rotate the Tuning control to switch between 'Local' (Strong stations only) and 'Distant' (All stations) options on the lower line of the display. The Distant option will allow the radio to find weaker signals when scanning.

6. Press and release the Select button to confirm your selection. The Local or Distant setting is stored in the radio and remains in force until changed or until a System Reset.





Presetting stations - DAB and FM

You may store your preferred DAB and FM radio stations to the preset station memories. There are 20 memory presets in your radio 10 for DAB and 10 for FM. Presets are remembered by your radio in the event of a power failure.

The procedure for setting presets and using them to tune stations is the same for FM and DAB modes, and is described below.

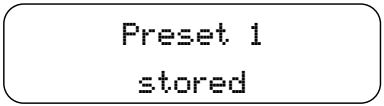
1. Press the Standby button to switch on the radio.

2. Press the Mode button to select the DAB or FM waveband.

3. Tune to the required station as previously described.

4. Press and hold the Preset button until the display shows ‘Preset store.’

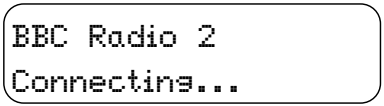
5. Rotate the Tuning control to select your desired preset number. Press the Select button to store the currently tune station. The display will show, for example ‘Preset 1 stored.’ Repeat this procedure for the remaining presets.



Note:
Stations stored in preset memories may be overwritten by following the above procedure.

Recalling a preset station- DAB and FM

1. Press the Standby button to switch on the radio.



2. Press and release the required waveband by pressing the Mode button.

3. Press and release the Preset button and ‘Preset Recall’ shows on the display.

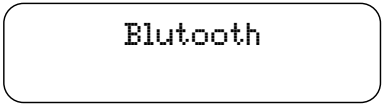
4. Rotate the Tuning control to select the desired preset station. Press the Select button to tune to the chosen preset station stored in the preset memory.

Note:
The display will show 'Preset Empty' if no station has been stored to that preset.

Listening to Bluetooth music

You need to pair your Bluetooth device with your radio before you can auto-link to play/ stream Bluetooth music through your DDR-36. Paring creates a `bond' so two devices can recognize each other.

Pairing your Bluetooth device for the first time



1. Press the Mode button until the Bluetooth mode is selected. The Bluetooth icon on the panel will flash.

2. Activate Bluetooth on your device according to the device's user manual to link to your DDR-36.

3. Once connected, the Bluetooth icon will remain illuminated. You can now play the music in your Bluetooth-enabled device via DDR-36.

4. Make sure to turn down the volume from your Bluetooth device.

Note:

1) If there are 2 Bluetooth devices searching for DDR-36, it will show its availability on both devices. However, if one device links with the DDR-36 first, then the other Bluetooth device won't find the DDR-36 on its list.

2) If your Bluetooth-enabled device is temporarily disconnected to your DDR-36. As long as the disconnection last within 1 minutes, your device can re-connect with your radio again automatically. If the disconnection last more than 1 minutes, then you need to manually reconnect your device again to the radio. Be aware that during the period of disconnection, no other Bluetooth device can pair or link with your radio.

3) If ‘DDR-36’ shows in your Bluetooth device list but your device cannot connect with it, please delete the DDR-36 item from your list and pair the device with DDR-36 again following the steps described previously.

4) The effective operation range between the system and the paired device is approximately 10 meters (30 feet).

5) Any obstacle between the system and the device can reduce the operational range.

6) Different playback functions are available in Bluetooth mode(i.e. Play/ Pause/ next track/previous track/ fast-forward/ rewind). However, Bluetooth-enabled devices vary in how they respond to the playback dependent upon the model.

Pair with your Bluetooth device before

If your Bluetooth device already paired with DDR-36 previously, the unit will memorize your Bluetooth device, but it does not support the automatic reconnection, reconnect with this product following the steps below.

DDR-36 can memorize up to 8 sets of Bluetooth device, when the memory exceed this amount, the earliest paired device will be over written.

1. Press and release the Pair button to enter the Bluetooth device memory. Then rotate the Tuning control to find the desired memorized Bluetooth device and press the Select button to connect to the required Bluetooth device.

2. Alternatively, repeatedly press and release the Pair button to have access to the stored Bluetooth device and press the Select button to connect to the required Bluetooth device.

Disconnecting your Bluetooth device
Press the Mode button to select any bands other than Bluetooth band or press and hold the Pair button to disconnect the link.

If you disconnect the Bluetooth device when you are in Bluetooth mode, the LED light for Bluetooth icon will then start to flash indicating deactivation of Bluetooth.

Alarms

Your radio has 2 separate alarms which can be set to wake you to DAB, FM radio or buzzer alarm. Each alarm can be set to sound once, daily, on weekdays or at weekends. The alarms can be set whether the radio is on or in standby mode. In the event of a power interruption your radio has a built in memory chip that will maintain your alarm settings for when the power is restored.

Note:
If no buttons are pressed for 10 seconds, the radio will exit the alarm setup.

Setting an alarm

1. Press and release the Alarm 1 button. ‘Alarm 1 Setup’ will show on the display. Or Press and release the Alarm 2 button. ‘Alarm 2 Setup’ will show on the display.

2. Press the Select button to enter the alarm setup wizard. Alarm status will flash on the display.

3. Rotate the Tuning control to select On or Off. If Off is selected any current setting for that alarm will be cancelled.

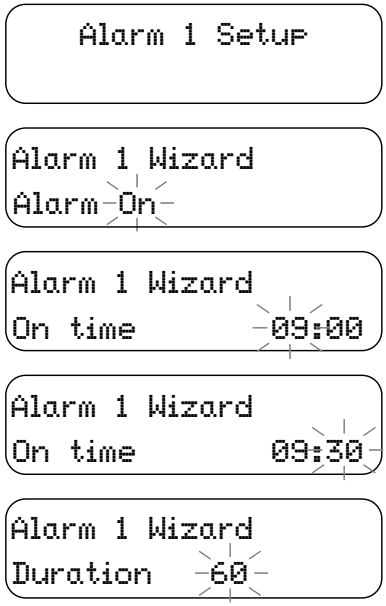
4. With ‘On’ selected, press and release the Select button to cause the alarm hour digits to flash on the display.

5. Rotate the Tuning control to choose the desired hour for the alarm and then press the Select button to cause the alarm minute digits to flash on the display. If the radio has been set to the 12 hour clock format, there will also be an option here for setting AM or PM for the alarm time.

6. Rotate the Tuning control to choose the desired minute for the alarm and then press the Select button. The alarm duration will flash on the display.

7. Rotate the Tuning control to choose the alarm duration. Choose between 15, 30, 45, 60 or 90 minutes.

8. Press and release the Select button to enter the alarm duration. The alarm source option will flash on the display.



9. Rotate the Tuning control to choose the desired source for the alarm (DAB, FM, Buzzer). Press the Select button when the desired source alarm is highlighted on the display. For which ever radio mode is selected, the radio alarm may be set to any of the stations which have been stored as presets or to the station last listened to.

10. If setting the alarm to a radio option, rotate the Tuning control to choose either last listened or from presets 1-10.

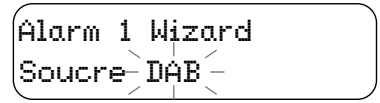
    Note:
    that you can only set the alarm to use a preset which has already been stored.

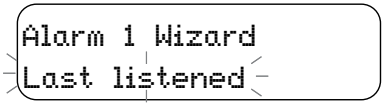
11. Press and release the Select button to confirm the selection. The alarm day option will flash on the display.

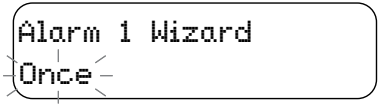
12. Your alarm can be set to sound once, daily, weekdays and weekends.
    Once - Will sound at one time only.
    Daily - Will sound every day.
    Weekdays - Will sound only on weekdays.
    Weekends - Will sound only on weekends.

13. Rotate the Tuning control to choose the day option and then press and release the Select button to confirm the setting.
    - If setting alarms to daily, weekdays or weekends proceed to point 18.

14. If selecting the alarm to once you will need to set the day, month and year options as described below.





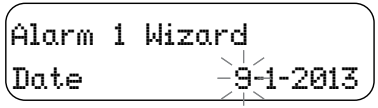


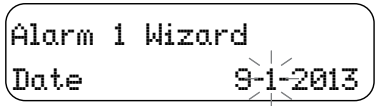
15. Rotate the Tuning control to select the correct day and then press the Select button to confirm the setting.

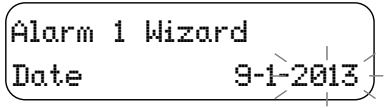
16. Rotate the Tuning control to select the correct month and then press the Select button to confirm the setting.

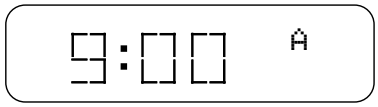
17. Rotate the Tuning control to select the correct year and then press the Select button to confirm the setting.

18. Rotate the Tuning control to choose the desired volume and press the Select button to confirm the setting. Your radio will show 'Alarm Saved' and will exit the alarm setting procedure.









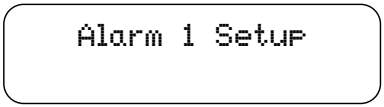
Note:

1) Active alarms are indicated in the display by the alarm 'A' symbol. If the radio cannot connect to the radio station, the buzzer alarm will be used instead. The alarm volume will start softly and gradually increase in level every few seconds. The alarm will sound for the selected duration unless cancelled.

2) when you are in Bluetooth, you can only use remote control to set the alarm.

To view the alarm settings

1. Press and release the Alarm button. 'Alarm 1 Setup' will show on the display.

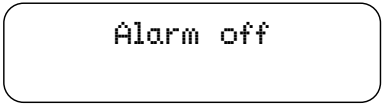


2. Or press and release the Alarm 2 button to select alarm number 2. 'Alarm 2 Setup' will show on the display.

3. Press and release the Select button to enter the settings for the chosen alarm. You may use the Tuning controls to modify any particular setting if desired, using the Select button to enter the modification.

When the alarm sounds

The alarm will sound at the selected times for up to 90 minutes unless cancelled. The alarm duration used for the alarm will be as specified during the alarm setting procedure.

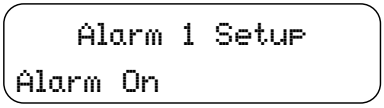


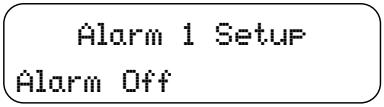
The alarm icon will flash on the screen and the radio will automatically switch back to standby mode when the selected alarm time has elapsed.

To cancel an alarm, press the Standby button to return to standby mode.

Controlling alarms in standby

When your radio is in standby, the alarms can be controlled using the Alarm button. This avoids the risk of disturbance to someone who is asleep.





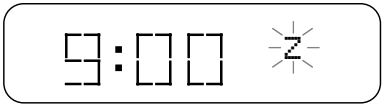
1. To change the states of the alarms when in standby, press and release the Alarm 1 button for alarm 1 or Alarm 2 button for alarm 2.

2. Rotate the Tuning control. The display will cycle through alarm disabled and alarm enabled.

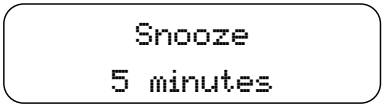
3. Press and release the Select button to confirm the alarm setting. You may use the Tuning controls to modify any particular setting if desired, using the Select button to enter the modification.

Snooze function

1. When the radio or buzzer alarm sounds, press and release the Snooze button. This will silence the alarm for the selected number of minutes. The Snooze duration can be adjusted between 5 and 10 minutes in 5 minute increments. The default setting is 5 minutes.



2. If you wish for longer snooze duration, press the Snooze button again to select other snooze option. Then the Snooze symbol 'Z' will flash. Press the Snooze button again to view the remaining snooze time.



3. To cancel the snooze function, press and release the Standby button.

Sleep function

Your radio can be set to turn off after a preset time has elapsed. The sleep setting can be adjusted between 15 and 90 minutes. Ensure your radio is switched on.

1. To set the desired sleep time, press and release the Sleep button to enter the sleep setup.

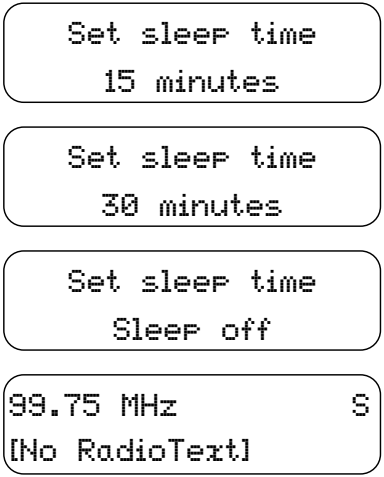
2. Repeatedly press and release the Sleep button to select the desired sleep time. The sleep settings available are 15, 30, 45, 60 or 90 minutes. A further press will cause the sleep timer to be set to 'off' which will cancel the sleep function. Alternatively the Tuning control may be used.

3. Press the Select button to confirm the setting. The display will exit the sleep options. The sleep symbol 'S' will show on the display.

4. Your radio will switch off after the preset sleep time has elapsed.

5. To cancel the sleep timer and switch off your radio before the chosen sleep time has elapsed, press the Standby button. To cancel the sleep timer without switching off your radio, repeatedly press the Sleep button until ' Sleep off' is displayed.

6. When the sleep time has been set you may view the remaining sleep time. Press the Sleep button. The remaining sleep time will show on the display.

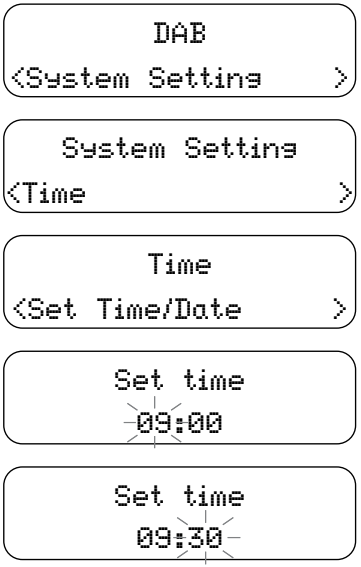


Setting the clock manually

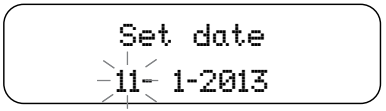
Your radio will set its clock automatically using the DAB or FM radio signal. If no signal is available and you need to set the time manually, please follow the procedure shown below.

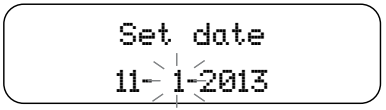
1. Press the Standby button to switch on your radio.
2. Press and release the Menu button until the Advanced menu shows on the display.
3. Rotate the Tuning control until 'System Setting' appears on the display. Press and release the Select button.
4. Rotate the Tuning control until 'Time' appears on the display. Press and release the Select button.
5. Rotate the Tuning control until 'Set Time/Date' appears on the display.
6. Press and release the Select button. The hour digits will flash on the display.
7. Rotate the Tuning control to set the desired hour.
8. Press and release the Select button. The minute digits will flash on the display.
9. Rotate the Tuning control to set the desired minute.

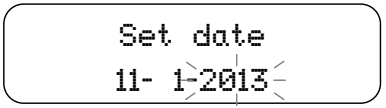
- If the radio has been set to use a 12 hour format, there will be an option here for setting AM or PM for the clock time.

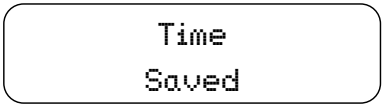


10. Press and release the Select button. The day will flash on the display.
11. Rotate the Tuning control to change the day as needed.
12. Press and release the Select button. The month will flash on the display.
13. Rotate the Tuning control to set the current month.
14. Press and release the Select button. The year will flash on the display.
15. Rotate the Tuning control to set the current year.
16. Press and release the Select button to confirm the clock setting. The display will show 'Time Saved' then exit the menu.









Setting the clock format

The display used in standby mode and when the radio is in use can be set to 12 or 24 hour format. The selected format is then also used when setting the alarms.

1. Press the Standby button to switch on your radio.

2. Press and release the Menu button until the Advanced menu shows on the display.

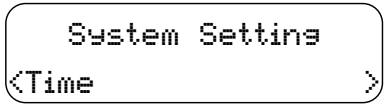
3. Rotate the Tuning control until 'System Setting' appears on the display. Press and release the Select button.

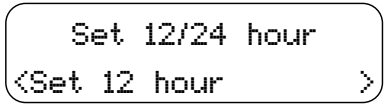
4. Rotate the Tuning control until 'Time' appears on the display. Press and release the Select button.

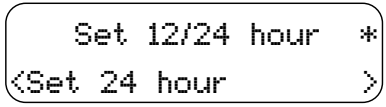
5. Rotate the Tuning control until 'Time 12/24 hour' appears on the display. Press and release the Select button.

6. Rotate the Tuning control to select either 12 or 24 hour format. The current hour format will be marked with an asterisk. Press and release the Select button.

If the 12 hour clock format is chosen, the radio will then use the 12 hour clock for setting of alarms, and will display a 12 hour clock with an AM or PM indicator when in standby mode.







To return to auto clock set mode

1. Press the Standby button to switch on your radio.

2. Press and release the Menu button until the Advanced menu shows on the display.

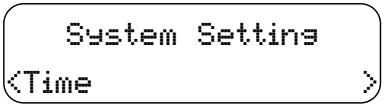
3. Rotate the Tuning control until 'System Setting' appears on the display. Press and release the Select button.

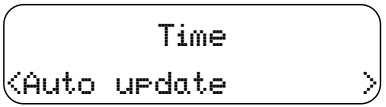
4. Rotate the Tuning control until 'Time' appears on the display. Press and release the Select button.

5. Rotate the Tuning control until 'Auto update' appears on the display. Press and release the Select button.

6. Rotate the Tuning control to choose an update option from 'Update from Any', 'Update from DAB', Update from FM' or 'No update' as required. The current update option will be marked with an asterisk. Press and release the Select button to confirm your choice. The radio will exit to the previous menu.

Note:
If you select 'Update from Any', 'Update from DAB', Update from FM' the current time received will be displayed. If no signal is found you should either position the radio or its aerial so that a signal can be received, or revert to manual clock mode.

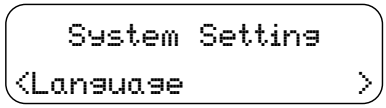


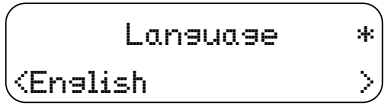


Language function

Your radio can be configured to a different language.

1. Press the Standby button to switch on your radio.
2. Press the Menu button until the Advanced menu shows on the display.
3. Rotate the Tuning control until 'System Setting' appears on the display. Press and release the Select button.
4. Rotate the Tuning control until 'Language' appears on the display.
5. Press and release the Select button to enter the language adjustment menu.
6. Rotate the Tuning control until your desired language appears on the display.
7. Press and release the Select button to confirm your choice. The display will change to the chosen language. The chosen language will be marked with an asterisk.





Display backlight dimmer

In order to adapt the intensity of the display to suit the ambient room lighting, press the Dimmer button on the top panel of your radio to select the dimmer brightness from Off, Low, Mid or High settings.

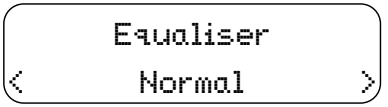
EQ function

The sound on radio can be adjusted to suit your personal taste for the material that you are listening to. The DDR-36 has six preset equalizer modes. Alternatively, you may set the treble and bass levels to your own preferences.

1. Press the Standby button to switch on the radio.

2. Press and release the EQ button to enter the setup menu. “Equaliser” will appear on the display.

3. Rotate the Tuning control to cycle through the 6 preset modes below until the desired mode is displayed. Press and release the Select button.
   a. Normal - no tone modification is applied
   b. Jazz
   c. Rock
   d. Classic
   e. Pop
   f . News
   g. My EQ (Treble - tone setting may be adjusted/ Bass - tone setting may be adjusted)



Set up my EQ profile

If you find the preset equalizer functions not to your liking, you may set up a custom treble and bass as following:

1. Follow step1-3 in the EQ function section in order to enter EQ menu.

2. Rotate the Tuning control until ‘My EQ’ is highlighted on the display. Press the Select button to enter the adjustment mode.

3. Rotate the Tuning control to adjust the treble level (between -5 and +5). The sound will change as you adjust the level. Press the Select button to confirm the setting. The display will then revert to My EQ menu.

4. Rotate the Tuning control until ‘bass’ is highlighted on the display. Press the Select button to enter the adjustment setting. Rotate the Tuning control until the desired level (between -5 and +5) is displayed. The sound will change as you adjust the level. Press the Select button to confirm the setting.

Note:
To quickly cancel the effect of My EQ profile, rotate the Tuning control until ‘Normal’ is highlighted on the display and press the Select button. The treble and bass settings will be memorized for the next time that you wish to use the My EQ.

Mute function

Press the Mute button on the remote control of your radio, it will mute the output from the loudspeakers.

1. Press the Mute button to mute the sound output. The speaker volume symbol on the display will disappear.

2. Press the Mute button again or one of the Volume buttons to un-mute the sound output.

Software version

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

1. Press the Standby button to switch on your radio.

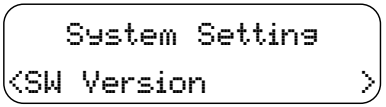
2. Press the Menu button until the Advanced menu shows on the display.

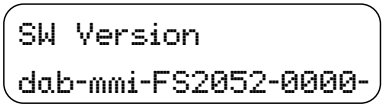
3. Rotate the Tuning control until 'System Setting' appears on the display. Press and release the Select button.

4. Rotate the Tuning control until 'SW Version' appears on the display.

5. Press and release the Select button. The software version shows on the display.

6. Press and release the Menu button to exit the software version display.





Software upgrades

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/first/first.asp
www.sangean.com.au.
For more information, please contact our Head Office by sending an email to *info@sangean.com*

1. Plug the USB into the USB socket in the rear of the unit.

2. Press and the Menu button to enter the Advanced menu of the current mode.

3. Rotate the Tuning control until 'System Setting' appears on the display. Press and release the Select button.

4. Rotate the Tuning control until 'Software Upgrade' appears on the display. Press and release the Select button.

5. Rotate the Tuning control until 'Yes' is highlighted on the display. If you do not wish to carry out a software upgrade, highlight 'No' and then press the Select button. The display will revert back to the previous display.

System reset

If your radio fails to operate correctly, or some digits on the display are missing or incomplete carry out the following procedure.

1. Press the Standby button to switch on your radio.

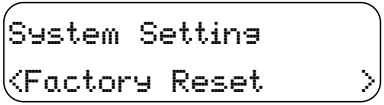
2. Press the Menu button until the Advanced menu shows on the display and then release the button.

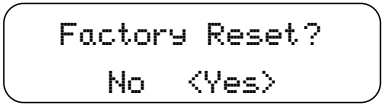
3. Rotate the Tuning control until 'System Setting' appears on the display. Press and release the Select button.

4. Rotate the Tuning control until 'Factory Reset' appears on the display. Press and release the Select button.

5. Rotate the Tuning control until 'Yes' is highlighted on the display. If you do not wish to carry out a system reset, highlight 'No' and then press the Select button. The display will revert back to the previous display.

6. With 'Yes' highlighted, press and release the Select button. A full reset will be performed. The station list and presets will be erased. Alarms will be cancelled and sleep timer settings will be set to their default values. The display will show 'Welcome to Digital Radio' and the unit will behave as when first switched on.

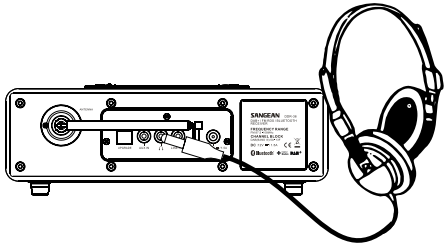




In case of malfunction due to electrostatic discharge, reset the product (reconnection of power source may be required) to resume normal operation.

Headphone socket

A 3.5mm Headphone socket located on the rear of your radio is provided for use with headphones. Inserting a plug automatically mutes the internal loudspeaker.

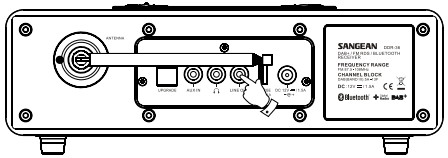


Please be aware that the sensitivity of headphones can vary widely. We therefore recommend setting the volume to a low level before connecting headphones to the radio.

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

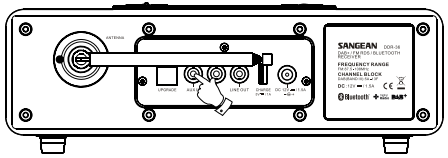
Line out socket (3.5mm Jack)

A 3.5mm Line Out socket located on the rear of your radio is provided for connecting the audio signal to an external amplifier. Inserting an audio cable into this socket will not mute the internal loudspeaker. Set the volume control on the radio to minimum if desired.



Auxiliary input socket

A 3.5mm Auxiliary input socket is provided on the rear of your radio to permit an audio signal to be fed into the unit from an external audio device such as an iPod, MP3 or CD player.



1. Connect a stereo or mono audio source (for example, iPod, MP3 or CD player) to the Auxiliary input socket (marked 'Aux In').

2. Press the Standby button to switch on your radio. The display will show 'Auxiliary Input'.

3. Adjust the Volume control on your iPod, MP3 or CD player to ensure an adequate signal and then adjust the volume on the radio for comfortable listening.

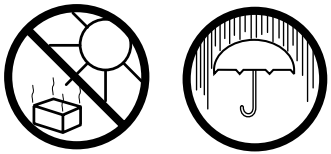
Charging with USB socket

The USB jack can only provide power for the USB memory stick only with 1A 5V maximum and most of iPhone models. However, it does not support external Hard disk drive and all of mobile phones and electronic device.

Important:
Do not connect this USB socket with your PC USB port, as it highly possible may cause breakdown of the units.

Cautions

Do not allow this radio to be exposed to water, steam or sand. Do not leave your radio where excessive heat could cause damage such as in a parked car where the heat from the sun can build up even though the outside temperature may not seem too high.



- Your radio should not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the radio.

- It is recommended to operate the product such that there is a minimum distance (10cm recommended) to adjacent objects in order to ensure good ventilation.

- The ventilation of the product should not be restricted by covering it or its ventilation openings with items such as newspapers, tablecloths, curtains etc.

- No naked flame sources such as lighted candles should be placed on the product.

- It is recommended to avoid using or storing the product at extremes of temperature. Avoid leaving the unit in cars, on window sills, in direct sunlight etc.

Specifications

Power Requirements
Mains AC 100- 240V ~ 50/60Hz (Adaptor)

Frequency Coverage
DAB 174.928 - 239.200MHz
FM 87.50 - 108 MHz

Circuit features

Loudspeaker	2.25” 8 ohm x 2 full range
Output Power	5W+5W
Headphone socket	3.5mm dia
Aux in socket	3.5mm dia
Line out socket	3.5mm dia
Aerial system	FM telescopic aerial DAB telescopic aerial

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 your Local Authority or retailer for recycling advice. (Waste Electrical and Electronic Equipment Directive)