





in Bluetooth mode: Date, Title, Artist, Album and Bluetooth

Please note that the availability of information depends on the

Presetting stations in DAB and FM modes

There are 20 presets (4 pages x 5 presets) each for DAB and

FM radio. They are used the same way for each operating

2. Tune to the required radio station as previously described

3. To store the station as a preset, press the Page button to

select the required preset page 1 to 4 and then press and

hold the required preset button (1-5) until the display shows

. Stations which are already stored in the presets may be

the radio is switched off and disconnected from the mains

Recalling a preset in DAB and FM modes

2. Select the required operating mode using the Mode buttor

3. Press the Page button to select the required preset page

and momentarily press the required Preset button, you

radio will tune to the station stored in the selected preset

memory. The chosen preset number is also shown in the

Listening to nature or soothing sounds

There are 27 different sounds for the Sound mode. (For the

Sound select button 1 / 2 / 4 / 5, each button has 5 different sounds. The Sound select button 3 has 7 different sounds.)

1. With your radio switched on, press the Sound mode button

2. Press the Sound select button 1-5 repeatedly to select

When the radio is in the standby mode, pressing the Sound

node button will turn on the radio and switch to the Sound

RAIN DROPS

OCEAN WAVES

WATER FLOW

STREAM

WHALES

FROGS

WIND

BIRDS

BIRDS 2

**BUBBLES** 

TRAIN

FAN

LULLABY

PIANO MUSIC

PIANO MUSIC 2

SOOTHING SOUNDS 1

SOOTHING SOUNDS 2

SOOTHING SOUNDS 3

SOOTHING SOUNDS 4

SOOTHING SOUNDS 5

Listening to music via Bluetooth

You need to pair your Bluetooth device with your DCR-83

through your DCR-83. Pairing creates a 'bond' so the two

Pairing and playing your Bluetooth device for

With your radio switched on, press the Mode button to

select Bluetooth function. "Disconnected" will show on the

user manual to link to the radio. Locate the Bluetooth

device list and select the device named "DCR-83" (With

than BT2.1 Bluetooth device, you may need to input the

Once connected, there will be a confirmation tone sound

and "Connected" will show on the display. You can simply

2. Activate Bluetooth on your device according to the device's

some Smartphone's that are equipped with earlier ve

select and play any music from your source device.

-link to play / stream Bl

WATER DROPS

FIRE CRACKLING

WHITE NOISE

WHITE NOISE 2

SOOTHING SOUNDS

TWINKLE TWINKLE LITTLE STAR

CICADAS

Nature or soothing sounds

1. Press the Power button to switch on your radio

overwritten by following the above procedure

1. Press the Power button to switch on your radio

lower area of the radio display.

to select the Sound mode

2

3

4

5

2

4

5

2

3

4

5

display

pass code "0000").

different sounds.

**△** NOTE

Sound select

outton1-5

e.g. "Page1 M1 Saved".

device name.



## ∧ NOTE

Not all DAB broadcasts use the DRC function. If the broadcast does not provide DRC information, then the DRC

### Prune stations - DAB

If you move to a different part of the country, some of the stations which were listed may no longer be available. Also, from time to time, some DAB services may stop broadcasting, or may change location or frequency. 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. The Prune stations function will delete the marked DAB stations from your station list.

- 1. When in DAB mode press and hold the Info / Menu button to enter the DAB menu.
- 2. Press the Tuning Up / Down button to select the "Prune
- 3. Press the Select button to enter adjustment mode. 4. Press the Tuning Up / Down button to select to "Yes" or "No".

To activate the Prune function select "Yes", then press the Select button to confirm the setting. If you do not wish to prune stations, select "No" and then press the Select button o confirm the setting **△** NOTE —

If you have moved your radio to a different part of the country you should also carry out a search for new stations (please see the section "Finding new stations").

## Operating your radio – FM

. Fully extend the wire antenna. Press the Power button to switch on your radio.

- 2. Press the Mode button to select the FM band.
- 3. To scan up in frequency, press and hold the Tuning Up button. Your radio will scan in an upwards direction (low frequency to high frequency) and stop automatically when it finds a station of sufficient strength.

To scan down in frequency, press and hold the Tuning Down button. Your radio will scan in a downwards direction and stop automatically when it finds a station of sufficient strength. 4. 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 will display the station name. 5. When the end of the waveband is reached your radio will
- recommence tuning from the opposite end of the waveband.
- 6. Press the Volume Up / Down button to adjust the sound
- 7. To switch off your radio, press the Power button.

## Manual tuning – FM

. When in FM mode, press the Tuning Up or Down buttons to tune to a station. The frequency will change in steps of 2. Press the Volume Up / Down button to adjust the sound

### level as needed. Scan sensitivity setting – FM

Your radio will normally scan for FM broadcasts which are strong enough to give good reception. However, you may wish the search tuning function to also be able to find weaker signals, possibly from more distant radio transmitters. Your radio includes "All station" and "Strong station" options for the

- . When in FM mode, press and hold the Info / Menu button to enter the FM menu
- 2. Press the Tuning Up / Down button to select "Scan setting" Press the Select button to enter the setting. The current scan setting is indicated with an asterisk.
- s. Press Tuning Up / Down button to choose "All station" or "Strong station". The "All station" option will allow the radio to find weaker signals when scanning. Press Select button

### Stereo / Mono switching - FM

If the FM radio station being listened to has a weak signal some hiss may be audible. It is possible to reduce this hiss by forcing the radio to play the station in mono rather than stereo . Ensure your radio is in FM mode and tune to the required

- 2. Press and hold the Info / Menu button to enter the FM
- 3. Press the Tuning Up / Down button to select "Audio setting" Press the Select button to enter the setting.
- 4. Press the Tuning Up / Down button to select "Stereo ved" or "Forced Mono". Press Select button to confirm

## Display options - DAB / FM / Bluetooth

Your radio has a range of display options when in DAB, FM and Bluetooth modes. Press the Info button to cycle through the various options.

### DAB display options

Your radio can display the following in DAB mode: Text Program type, Multiplex name / channel, Date, Bit rate and audio type, Signal error / Strength, DL Plus text (Some stations may provide other programme rela the display in addition to the regular text. If none is available

a message 'No DLP' is displayed.) If the broadcast being received is in stereo, then the stereo

If a DAB broadcast provides a slideshow image, this may be viewed by pressing and holding the Select button. For full-screen, press and hold the Select button. Press and hold the Select button again to exit slideshow.

## FM display options

speaker symbol will be shown.

In FM mode your radio can use the Radio Data System (RDS) to display the radio station name and additional text when provided by the broadcaster and where the radio signal is sufficiently clear.

Your radio can display the following in FM mode: Radio text, program type, strength, Date

4. The volume control can be adjusted from your source device, or directly from the radio. Use the controls on your Bluetooth-enabled device or on the radio to play / pause If your connected device is able to provide information from and navigate tracks. the track being played, your radio can display the following

## 6

 ⚠ NOTE If 2 Bluetooth devices are pairing for the first time, both will search for your radio, it will show its availability on both devices. However, if one device links with this unit first, ther the other Bluetooth device will not find it on the list.

1999

3

(a) (b)

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If you take your source device out of range, the connection will be temporarily disconnected to your radio. Your radio will automatically reconnect if the source device is brought back in range. Be aware that during the period of disconnection no other Bluetooth device can pair or link with your radio

If "DCR-83" shows in your Bluetooth device list but your device cannot connect with it, please delete the item from your list and pair the device with the radio again following he steps described previously. The effective operation range between the system and

the paired device is approximately 10meters (30feet). Any obstacle between the system and the device can reduce the operational range. Bluetooth connectivity performance may vary depending

on the connected Bluetooth devices. Please refer to the Bluetooth capabilities of your device before connecting to your radio. All features may not be supported on some

With some mobile phones, making / receiving calls, text messages, e-mails or any other activities unrelated to audio streaming may mute the Bluetooth audio streaming or even temporarily disconnect from your device. Such behavior is a function of the connected device and does not indicate a fault with your DCR-83.

### Playing audio files in Bluetooth mode When you have successfully connected your radio with the

using the controls on your connected Bluetooth device 1. Once playing has started adjust the volume to the required setting using the Volume control on your radio or on your enabled Bluetooth source device.

2. Use the controls on your Bluetooth source device to play / pause and navigate tracks. Alternatively, control the playback using Play / Pause, Next track, Previous track buttons on your radio.

3. Press and hold the Next track or Previous track button to move through the current track. Release the button when the desired

point is reached. NOTE -

Not all player applications or devices may respond to all of

## Reconnecting a previously-paired Bluetooth

The DCR-83 can memorize up to 8 sets of paired Bluetooth source devices, when the memory exceed this amount, the earliest paring device will be over written from the device. If your Bluetooth source device already paired with the DCR-83 ously, the unit will memorize your Bluetooth source device and it attempts to reconnect with a Bluetooth source device in memory which is last connected. If the last connected Bluetooth

evice is not available, the DCR-83 will try to connect to

### the second last Bluetooth source device. Disconnecting your Bluetooth device

1. Press and hold the Bluetooth pairing button for 2-3 seconds to disconnect with your Bluetooth device or turn off Bluetooth on your Bluetooth source device to disable the connection. There will be a confirmation tone sound and the "Disconnected" will

2. You can also press the Mode button to select any mode other

## than Bluetooth mode to disable the connection

Automatically updating the clock You may specify that the radio sets its clock from DAB or FM radio broadcasts. After a power failure the radio will then set its clock the next time that you turn on the radio in DAB or FM mode.

Alternatively you may specify that the time is not automatically updated. In this case the clock must always be set manually after a power interruption.

- 1. With your radio switched on press and hold the Info / Menu
- 2. Press the Tuning Up / Down button to select "System settings" Press the Select button to enter the system settings menu.
- 3. Press the Tuning Up / Down button to select "Time setup"
- Press the Select button to enter the setting. 4. Press the Tuning Up / Down button to select "Auto update" Press the Select button to enter the auto-update menu
- "From DAB", "From FM" or "No update" as required. Press the
- 5. Press the Tuning Up / Down button to select "From any radio" Select button to confirm your choice. The radio will then exit to the previous menu display.

## Setting the clock format

- 1. With your radio switched on, press and hold the Info / Menu button to access the menu for the current mode 2. Press the Tuning Up / Down button to select "System settings"
- Press the Select button to enter the system settings menu 3. Press the Tuning Up / Down button to select "Time setup" Press the Select button to enter the setting.
- 4. Press the Tuning Up / Down button to select "Clock format" current clock display format is marked with an asterisk.
- 5. Press the Tuning Up / Down button to select either 12 or 24 hour format. Press the Select button to confirm your choice of clock format. If the 12 hour clock format is chosen, the radio will display a 12 hour clock with an AM or PM indicator.

## Manually setting the clock

- 1. With your radio switched on, press and hold the Info / Menu button to access the menu for the current mod 2. Press the Tuning Up / Down button to select "System settings"
- Press the Select button to enter the system settings menu. 3. Press the Tuning Up / Down button to select "Time setup"
- 4. Press the Tuning Up / Down button to select "Set time". Press the
- Select button to enter the clock setup. The day digits will flash. 5. Press the Tuning Up / Down button until the correct day is shown on the display. Press the Select button to confirm the
- 6. Press the Tuning Up / Down button to select the correct month Press the Select button. The year digits will then flash.

setting. The month digits will then flash.

7. Press the Tuning Up / Down button to select the correct year Press the Select button. The hour digits will then flash

## Operating instruction

 Bluetooth 2. Press the Power button to switch on your radio.

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Do not allow your radio to be exposed

 Do not leave your radio where excessive heat could cause damage

• The radio shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the

• 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 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, or window sills, in direct sunlight etc. **MIMPORTANT** -

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 isconnect the radio from the mains completely, the mains adaptor should be removed from the mains outlet completely.

### Controls

- 1 Mode button
- (2) Alarm 1 switch
- (3) Alarm 2 switch (4) Power / Sleep button
- (5) Info / Menu button (6) Page button
- 7 Preset 5 / Sound select 8 Preset 4 / Next track button
- 9 Preset 3 / Play / Pause button / Sound select
- 10 Snooze / Dimmer / Select (11) Preset 2 / Previous track
- button 2

### 12 Preset 1 / Bluetooth pairing button / Sound select

- (13) Sound mode / Nap button (14) Volume up / down button
- 15) Tuning up / down button 16 LCD display
- (17) Speaker (18) FM / DAB wire antenna
- (19) Headphone socket (20) Auxiliary input socket
- (21) DC IN socket (22) USB socket for iPhone /

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button 3

. Press the Tuning Up / Down button to select the correct hour.

Press the Select button. The minute digits will then flash. 9. Press the Tuning Up / Down button to select the correct

minutes. Then Press the Select button to confirm the setting. 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.

Press the Tuning Up / Down button to select AM or PM. Press the Select button to confirm the setting.

### Clock display

When the radio is in the power on mode, the LCD screen will go back to the clock time display after 10 seconds if no buttons are pres Pressing the Info / Menu button will go back to the previous screen.

### Clock style Your radio has a range of clock styles for the display. There are

- 1. With your radio switched on, press and hold the Info / Menu button to access the menu for the current mode
- 2. Press the Tuning Up / Down button to select "System settings" Press the Select button to enter the system settings menu 3. Press the Tuning Up / Down button to select "Time setup"
- Press the Select button to enter the setting. 4. Press the Tuning Up / Down button to select "Clock style" Press the Select button to enter the setting.
- 5. Press the Tuning Up / Down button to select a clock style from "Normal Digital", "Classic Analog" or "Page Flip". Press the Select button to confirm the setting. The current style is marked

Setting the alarm clock

Your radio has two separate alarms which can be set to wake you to either the radio, Sound Soother or a buzzer alarm. In the event of a power interruption your radio has built in memory that will retain your alarm settings. Ensure that the time is set correctly before setting the alarms.

- 1. Press the Power button to switch on your radio.
- Press and hold the Info / Menu button to access the menu for the current mode. Press the Tuning Up / Down button to select "Alarms". Press
- the Select button to enter the setting. ∧ NOTE — If the time is not set before setting the alarms, "No time set" will show on the display. Use the Tuning up / down
- button and Select button to set the time. When the setting is complete, proceed to step 4.
- Press the Tuning Up / Down button to select "Alarm 1" or "Alarm 2" setting. Press the Select button to enter the setting. Press the Tuning Up / Down button to select "Time". Then
- press the Select button. Press the Tuning Up / Down button to set the alarm hour.
- Press the Tuning Up / Down button to set the alarm minute.
- Then press the Select button • If the radio has been set to use a 12 hour format, there wil be an option here for setting AM or PM for the clock time. Press the Tuning Up / Down button to select AM or PM.
- Then press the Select button. Press the Tuning Up / Down button to select "Mode". Then
- Slide the Alarm switch on the radio. When the Alarm switch slides to  $\hfill \hfill \hfi$
- Soother. When the Alarm switch slides to , the alarm can be set to DAB radio or FM radio. Press the Tuning Up / Down button to select the required alarm source and then ress the Select button to confirm the selection If setting the alarm to a radio option or Sound Soother option,
- press the Tuning Up / Down button to select the "Preset" ther press the Select button if you wish to change it. For a radio option, choose from either the radio station "Last listened" to, or from the presets 1-20. Note that you can only set the alarm to use a preset which has already been stored. For the Sound Soother option, you can choose the "Last listened" sound, or choose from 27 different sounds. Press the Tuning Up / Down button to select the chosen option and then press the Select button to confirm the selection.
- 11. Press the Tuning Up / Down button to select "Volume". Then
- 12. Press the Tuning Up / Down button to set the required volume. Press the Select button to confirm the setting
- 13. Press the Tuning Up / Down button to select "Save". Press Active alarms are shown using small alarm indicators at the
- bottom of the playing display and on the clock display. ∧ NOTE — If you make a mistake at any point while setting the alarms, use e Info / Menu button to go back to the previous

### When the alarm sounds The alarms will sound at the selected times for up to 60 minutes

unless cancelled. The volume used for the alarm will be as specified during the alarm setting procedure. If the radio cannot connect to the specified radio station, the buzzer alarm will be used instead. During an alarm, the alarm icon will flash at the bottom of the playing mode displays. The radio will automatically revert to standby mode after 60 minutes. To cancel an alarm press the Power button to return to standby mode.

### Disabling alarms To disable the alarms, slide the corresponding Alarm switch to the OFF position.

Snooze timer . When the radio alarm or Sound Soother alarm sounds, pressing any button other than the Power button or Volume buttons wil silence the alarm for 5 minutes. Should you wish for a longer snooze duration this can be extended. Pressing any button again other than the Power button or Volume buttons while the radio is snoozed will

2. When the buzzer alarm sounds, the buzzer alarm can be silenced for 5 minutes by pressing any button other than the Power button. Pressing any button again other than the Power button while the radio is snoozed will set the available snooze time to 5, 10, 15 or 30 minutes.

set the available snooze time to 5, 10, 15 or 30 minutes

### Operating your radio – DAB

indicates the progress of the scan.

alpha order 0...9...A....Z) will be selected

show "No station found" for a moment

radio to a position giving better reception

Press the Power button to switch on your radio.

Selecting a station - DAB

Secondary services – DAB

Finding new stations – DAB

the Info / Menu button to enter the DAB menu

new stations proceed as follows:

progress of the scan.

Nap timer

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4. During the scanning process, as new stations are detected the station counter will increase and the stations will be added to the list which is stored in the radio. The bar graph

5. When the scanning is completed the first station (in numeric-

7. If no signals are found it may be necessary to relocate your

2. Press the Mode button until DAB mode is selected. The

3. Press the Tuning Up / Down button to scroll through the list

4. Press the Select button to select the station. The display may show "Connecting..." while your radio finds the station

5. Adjust the Volume Up / Down button to the required setting.

If after selecting a station the station does not tune, it may be

necessary to relocate your radio to a position giving better

Some DAB radio stations may have one or more secondary

stations associated with them. If a station has a secondary

station available then the secondary will appear in the list of

To listen to a secondary service, press the Tuning Up / Down

button to scroll to the chosen station, and press the Select

button to tune to the station. If the secondary service is not

1. With the radio switched on and in DAB mode, press and hold

2. Press the Tuning Up / Down button to select the "Full scan"

Press the Select button to initiate the scan. Your radio will

perform a scan of the DAB Band III frequencies. As new

stations are found the station counter will increase and stations will be added to the list. The bar graph indicates the

is shown on the display. In order to cancel the Snooze timer

while the alarm is suspended, press the Power button. The

1. Press and hold the Nap button to enter the nap timer setting

Keep holding the Nap button and the options will start

switching on the display from 15 to 60 minutes. Release the

button when the required nap timer setting appears on the display. The setting will be saved and the LCD will return to

normal display with the "NAP" icon shown on the display

Select "Nap off" option to cancel the Nap timer function. The "NAP" icon will disappear from the display.

2. To cancel a sounding Nap timer, press Power button. If any

Sleep timer will automatically switch off the radio after a preset

1. Press and hold the Power / Sleep button, the display will

cycle through the available sleep time in the order of 60-

45-30-15-120-90-60 minutes. Release the button when the

required sleep time is shown in the display and the radio will

2. An active sleep timer is shown using a small timer indicator

at the bottom of the playing displays. This indicator also

shows the sleep time remaining before the radio switches

3. To cancel the sleep function, press the Power / Sleep button.

You can get compensation on lower and higher frequency for

1. With your radio switched on, press and hold the Info / Menu

2. Press the Tuning Up / Down button to select "System settings"

Press the Select button to enter the system settings menu.

3. Press the Tuning Up / Down button to select "Loudness

4. Press the Tuning Up / Down button to select "OFF" or "ON"

1. Press the Dimmer button repeatedly to adjust the brightness

2. Alternatively with your radio switched on, press and hold the

3. Press the Tuning Up / Down button to select "System settings".

4. Press the Tuning Up / Down button to select "Backlight".

5. Press the Tuning Up / Down button to adjust the backlight of

By default your radio will display all menus and messages in

1. With your radio switched on, press and hold the Info / Menu

2. Press the Tuning Up / Down button to select "System settings"

3. Press the Tuning Up / Down button to select "Language"

4. Press the Tuning Up / Down button to select your desired language. Press the Select button to confirm the setting. The

If you wish to completely reset your radio to its initial state this

may be performed by following this procedure. By performing a

1. With your radio switched on, press and hold the Info / Menu

2. Press the Tuning Up / Down button to select "System settings"

Press the Select button to enter the system settings menu.

3. Press the Tuning Up / Down button to select "Factory reset".

4. Press the Tuning Up / Down button to select "Yes" or "No". If

you do not wish to carry out a system reset, select "No" and then press the Select button to confirm the setting.

5. With "Yes" selected, press the Select button. A full reset will

be performed. All presets and station lists will be erased.

All settings will be set to their default values. In case of

malfunction due to electrostatic discharge, reset the product

(reconnection of power source may be required) to resume

The software version display is provided for reference and

1. With your radio switched on, press and hold the Info / Menu

2. Press the Tuning Up / Down button to select "System settings"

Press the Select button to enter the system settings menu

3. Press the Tuning Up / Down button to select "SW version"

4. Press the Info / Menu button to exit the software version display

A 3.5mm stereo Auxiliary Input socket is provided on the rear of

4. Adjust the volume setting on your iPod, MP3 or CD player

to ensure an adequate signal level from the player, and

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

or CD player) to the Auxiliary Input socket.

Press the Select button to display the software version

Press the Select button to enter the system settings men

Press the Select button to enter the system settings me

Press the Select button to enter the setting.

English. You can choose your preferred language.

button to access the menu for the current mode.

Press the Select button to enter the setting menu

display will change to the chosen language.

factory reset, all user entered settings will be erased

button to access the menu for the current mode

Press the Select button to enter the setting.

Software version display

Auxiliary input socket

displayed.

customer support purposes and cannot be changed.

outton to access the menu for the current mode

normal operation.

Info / Menu button to access the menu for the current mode

to turn off or turn on the Loudness function. Press the Select

setting". Press the Select button to enter the setting.

your radio by adjusting the Loudness function

button to confirm the setting.

Brightness control

level of the LCD display.

Language selection

button to access the menu for the current mode

The radio will be off and the sleep timer symbol will disappear

play the last station selected.

itself into Standby mode.

button other than the Power button is pressed when the alarm sounds, snooze function will be activated.

display will briefly show an "Alarm Off" message.

available (off-air) then the primary service will be selected.

station names beneath the main (or primary) station.

display normally shows the name of the current station

- Manual Tuning DAB 1. Fully extend the wire antenna located on the rear of your Manual tuning allows you to tune directly to the various Band III
- 1. When in DAB mode press and hold the Info / Menu button to enter the DAB menu 3. If this is the first time the radio is used, a quick scan of the
- Band III DAB channels will be carried out. If the radio has been used before the last used station will be selected.
  - 2. Press the Tuning Up / Down button to select the "Manual tune"
  - 3. Press the Select button to enter manual tune option.

  - 4. Press the Tuning Up / Down button to choose the required
  - 5. Press the Select button to confirm the selection.

Your radio has 3 station order settings from which you can and active.

The default station order on your radio is alphanumeric

- enter the DAB menu
- "Alphanumeric" and "Active"
- "Multiplex" organizes the station list by DAB multiplex.
- "Alphanumeric" sorts the station list alpha-numerically 0...9

"Active" - shows only those stations for which a signal can

## Dynamic Range Control (also known as DRC) can make quieter sounds easier to hear when your radio is used in a noisy

1. When in DAB mode press and hold the Info / Menu button to enter the DAB menu 2. Press the Tuning Up / Down button to select the "DRC".

3. Press the Select button to enter the DRC adjustment mode. The current DRC setting will be indicated with an asterisk. As time passes new stations may become available. To find

"Off" - DRC is switched off, Broadcast DRC will be ignored

"High" - DRC is set as sent by broadcaster.

5. Press the Select button to confirm the setting

### 9

comfortable listening

USB socket for iPhone / Smartphone charging Your radio has a USB socket which is intended only for

charging an iPhone, smartphone or similar devices. Charge time may vary and in some cases may take longer to charge

then use the Volume control on the radio as needed for

### than when using the manufacturers charging unit supplied with 1. The radio can charge your iPhone, smartphone or similar

- devices when the radio is in power on or standby mode, in DAB / FM radio mode, BT mode, AUX IN mode or Sound mode. 2. Connect your iPhone or smartphone to the USB charging
- 3. Your iPhone or smartphone will begin to charge 4. Once your iPhone or smartphone has fully charged remove the USB cable

socket on the rear of your radio

charging lower voltage device.

- **△** IMPORTANT -The charger may not supply power to some USB devices. When not using or after charging, remove the USB cable Do not connect power source to USB port. Otherwise
- Do not insert a nail, wire, etc. into the USB power supply port. Otherwise a circuit short may cause smoke and fire Do not connect this USB socket with your PC USB port as it is highly possible that it may cause breakdown of the

Never use the USB socket in rainy or moist conditions to

there is a risk of fire. The USB port is only intended for

## prevent moisture from entering the radio.

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 volume to a low level before connecting headphones to the radio. It is also recommended to reduce th

- volume before unplugging your headphones. A IMPORTANT -
- Excessive sound pressure from earphones and headphones can cause hearing loss.
- To prevent possible hearing damage, do not listen at high volume levels for long periods.

### Specifications AC Power Adapter

Frequency Range		
FM	87.5-108 MHz	
DAB	174.928-239.200 MHz	
Bluetooth		
Bluetooth specification	Bluetooth® Ver 5.0 + EDR	

DC 9V / 1.2A Center Pin POSITIVE (+)

### Profile Support A2DP 1.2. AVRCP 1.5 SBC, AAC CODEC ransmitting Power Power Class 2 Line of sight range | 10meters / 30feet The frequency (Bluetooth EDR) transmitted powe

### Circuit Features peaker 2inches 8ohm Output Powe 5W Headphone socket 3.5mm diameter 3.5mm diameter uxiliary socket Antenna System DAB / FM Wire antenna 5V / 1A Max

0°C to +35°C

# Information on Power Consumption

Power standby	power consumption of less than 0.8W.
Bluetooth mode	In Bluetooth mode, when there is no signal output, the idle power consumption is 2W after 15 minutes.
AUX mode	In AUX mode, when there is no signal output, the idle power consumption is 0.8W after 15 minutes.

\* The barcode label on the product is defined as below:

## - Production year Product code

Sangean reserves the right to amend the specifications without

symbol for Waste electrical and electronic equipment (WEEE). This means that this product must be handled pursuant to European directive 2012/19/EU in order to

RECYCLING This product bears the selective sorting symbol for Waste electrical and electrical an your radio to permit an audio signal to be fed into the unit from an external audio device such as iPod, MP3 or CD player. 2. Repeatedly press the Mode button until Auxiliary Input is 3. Connect an external audio source (for example, iPod, MP3

# 6. To go back to the previous screen, press the Info / Menu

### 6. If the station list is still empty after the scan, your radio will Station order setup – DAB

## ∧ NOTE

- . When in DAB mode press and hold the Info / Menu button to
- 2. Press the Tuning Up / Down button to select the "Station
- 3. Press the Select button to enter the station order adjustment
- 4. Press the Tuning Up / Down button to choose "Multiplex"

# Dynamic Range Control settings – DAB

environment by reducing the dynamic range of the audio signal

4. Press the Tuning Up / Down button to highlight the required DRC setting (the default is Off).

"Low" - DRC level is set to 1/2 that sent by broadcaster.