Power Details:	Rated voltage (adaptor)	AC 100 – 240 a.c.; 50-60Hz, 0.3A
	Adaptor output	DC 6V 1.5A
	Rated voltage (radio)	DC 6V (1.5V x 4 AA)
	Power consumption	9W
	Audio output	2x2W RMS
Frequency details:	DAB	174-240MHz
	FM	87.5-108MHz

Accessories:	AC/DC Adapter

Please read this instruction manual thoroughly before starting and ensure you are familiar with the operation of your new Digital Radio & Alarm Clock.
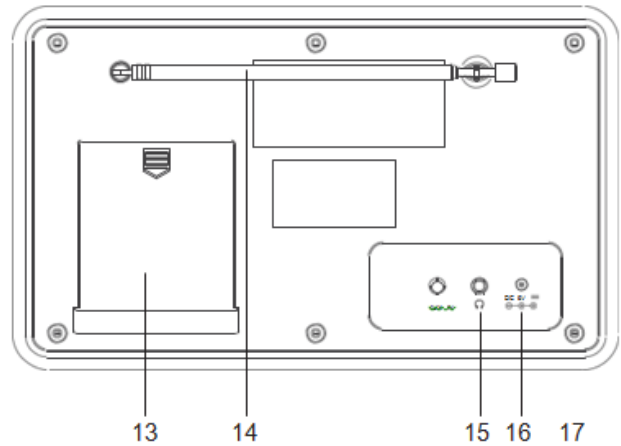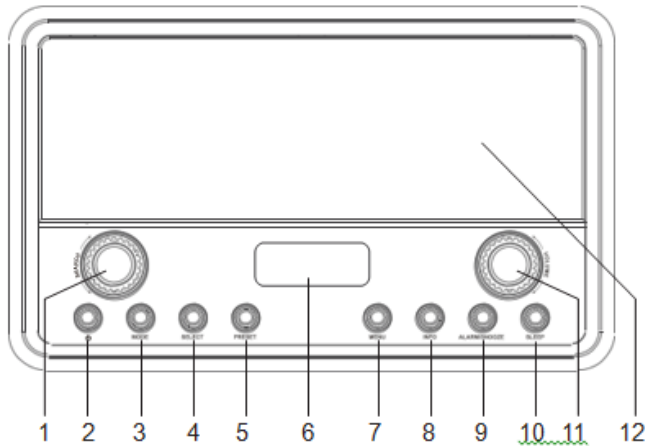
TO CHECK DAB RADIO COVERAGE FOR YOUR AREA PLEASE ENTER YOUR POST CODE IN THE FOLLOWING WEBSITE -HTTP://WWW.UKDIGITALRADIO.COM/COVERAGE/POSTCODESEARCH/
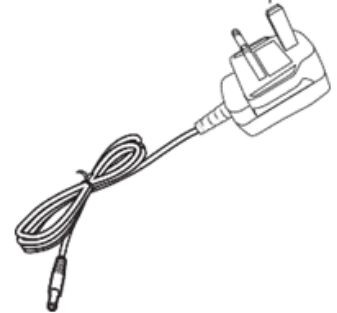
SAFETY INSTRUCTIONS:

WHEN USING ELECTRICAL APPLIANCES, BASIC SAFETY PRECAUTIONS SHOULD ALWAYS BE FOLLOWED:

- TO PROTECT AGAINST ELECTRIC SHOCK, DO NOT IMMERSE CORD, PLUG OR APPLIANCE IN WATER OR ANY OTHER LIQUID.
- UNPLUG FROM THE MAINS SOCKET OUTLET WHEN NOT IN USE AND BEFORE CLEANING.
- DO NOT OPERATE ANY APPLIANCE WITH A DAMAGED CORD OR PLUG OR AFTER THE APPLIANCE MALFUNCTIONS OR HAS BEEN DAMAGED IN ANY MANNER. WE RECOMMEND THAT THE POWER CORD IN NOT KINKED OR STORED IN A TWISTED MANNER, AND THAT YOU REGULARLY CHECK ITS CONDITION.
- THE USE OF ANY ACCESSORY ATTACHMENTS NOT RECOMMENDED BY COOPERS OF STORTFORD MAY CAUSE INJURIES AND INVALIDATE ANY WARRANTY YOU MAY HAVE.
- DO NOT LET CORD HANG OVER THE EDGE OF A TABLE OR COUNTER, OR TOUCH HOT SURFACES.
- DO NOT PLACE ON OR NEAR HEAT SOURCES, AND USE ON A LEVEL, STABLE SURFACE.
- DO NOT COVER THE ITEM IN ANY WAY WHEN IN USE AS THIS MAY CAUSE OVERHEATING AND/OR MUFFLED SOUND.
- DO NOT USE THIS APPLIANCE FOR ANY OTHER USE THAN THE INTENDED USE IT IS DESIGNED FOR.
- ENSURE THERE IS SUFFICIENT DISTANCE BETWEEN THIS APPLAINCE AND OTHER ITEMS ON THE WORK SURFACE OR WORK STATION, OR SUFFICIENT DISTANCE BETWEEN THE APPLIANCE AND THE CONFINES OF THE AREA IN WHICH IT IS SITUATED. WE RECOMMEND A MINIMUM CLEARANCE AROUND ALL FACES OF AT LEAST 10CM.
- BEFORE USE, CHECK THOROUGHLY FOR ANY DEFECTS AND DO NOT USE IF DEFECTS ARE FOUND. TAKE CARE NOT TO DROP THE APPLIANCE AS HEAVY IMPACTS MAY CAUSE INTERNAL DAMAGE.
- IF HEADPHONES ARE USED THEN PLEASE ADJUST THE RADIO VOLUME CONTROL. DO NOT LISTEN AT HIGH VOLUME LEVELS FOR LONG PERIODS TO AVOID POSSIBLE HEARING DAMAGE.

*Calls cost 7 pence per minute plus your telephone company's network access charge.

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PRODUCT OVERVIEW

1. **SEARCH CONTROL**
2. ⏻ **POWER BUTTON**
3. MODE BUTTON
4. SELECT BUTTON
5. PRESET BUTTON
6. LCD DISPLAY
7. MENU BUTTON
8. INFO BUTTON
9. ALARM/SNOOZE BUTTON
10. **SLEEP BUTTON**
11. **VOLUME CONTROL**
12. **SPEAKER**
13. **BATTERY DOOR**
14. **ROD ANTENNA**
15. **HEADPHONE JACK**
16. **DC INPUT SOCKET**
17. **AC/DC ADAPTER**

SWITCHING YOUR RADIO ON FOR THE FIRST TIME

AC OPERATION
1. Insert the DC power plug of AC/DC adaptor to the DC input socket located at the rear of the radio.
2. Plug the AC/DC Adaptor to the AC mains outlet and switch ON.
3. Press the ⏻ power button to turn the radio on.
Remarks: Only use with the mains adaptor with 6v dc output voltage as provided to avoid electrical damage to the radio or household mains supply.

DC (BATTERY) OPERATION
1. Ensure the AC/DC adaptor is disconnected from the radio and AC mains.
2. Install the batteries (4×1.5V UM3/AA battery) into the battery compartment (not provided).
3. Press the ⏻ power button to turn the radio on.
Remarks: To obtain the best performance in DC operation, the use of alkaline batteries is highly recommended.

MENUS

Press **MENU** button to enter into the "MENU". Rotate **SEARCH** Control to navigate the desired option, then press **SELECT** button to confirm.
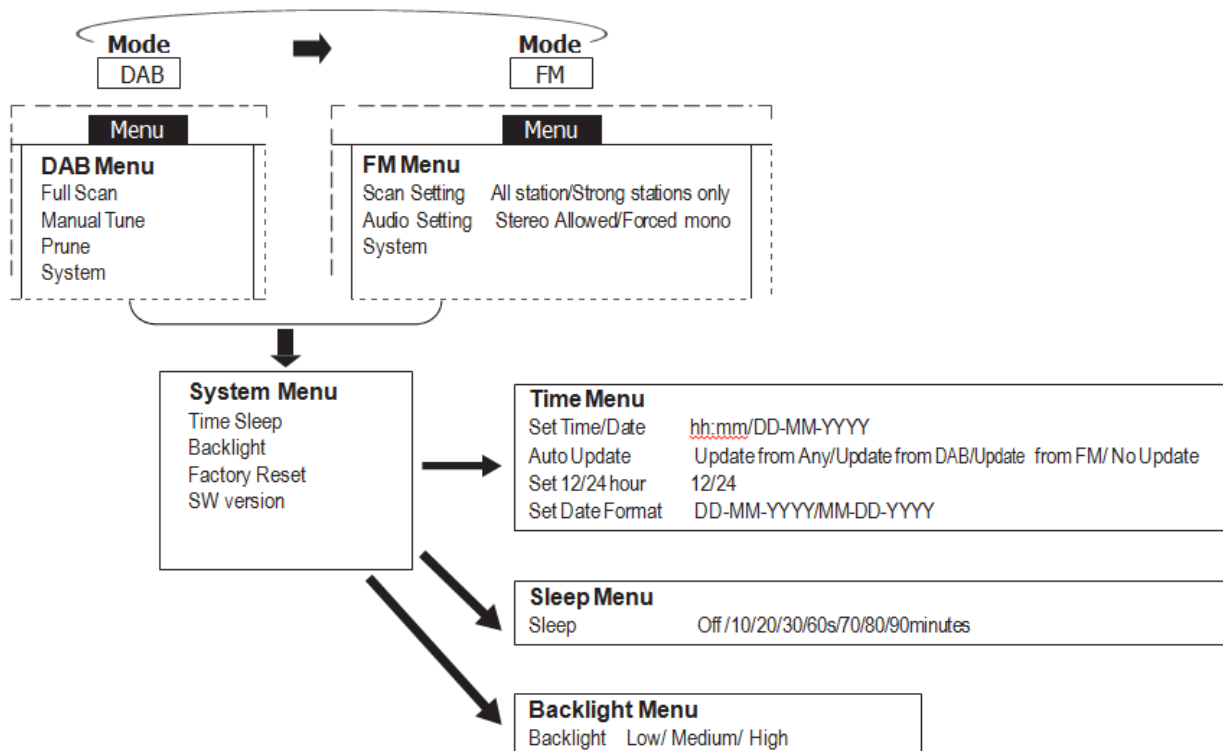
SETTING THE CLOCK

The clock in this radio is equipped to receive a DAB radio frequency time signal. After the unit has been turned on, it will automatically tune into a DAB radio station and update the clock. It may be necessary to wait for 1-2 minutes to allow the unit to receive the time signal. If the area will only receive an FM signal it will be necessary to manually set the clock.

Set the clock in STANDBY mode

1. Insert the AC/DC adaptor into the power socket at the rear of the radio. Plug the adaptor into the mains supply socket.
2. The display backlight will illuminate for a few seconds, a welcome message (F.1) will appear in the display briefly and the clock will be displayed "00:00:00 Time is not set" will be displayed.
3. In standby mode, press the **ALARM/SNOOZE** button, display will show "Time is not set" then the hour digits will flash in the display, rotate the **SEARCH** control to set the correct hour, then press the **SELECT** button to confirm.
4. The minute digits will now flash, rotate the **SEARCH** control to set the correct minute.
5. Later you will enter to "set date 1-1-2014". Rotate the **SEARCH** control to set date and press **SELECT** button to confirm again.

Set the clock in working mode
1. Connect the radio to AC mains (via AC/DC adaptor), then press ⏻ power button to turn the radio on.
2. Press **MENU** button, rotate the **SEARCH** control until the display show "System", then press the **SELECT** button to confirm.
3. Continue to rotate the **SEARCH** control until the display shows "Time" and then press the **SELECT** button to Confirm, the LED display will show "<Set Time /Date>" press the **SELECT** button again to confirm.
4. The hour digits will flash in the display, rotate the **SEARCH** control to set the correct hour, then press the **SELECT** button to confirm.
5. The minute digits will now flash, rotate the **SEARCH** control to set the correct minute.
6. Later you will enter to "set date 1-1-2014". Rotate the SEARCH control to set date and press **SELECT** button to confirm again.

## BASIC OPERATION - GETTING STARTED
1. Press the ⏻ power button to turn the unit on, it will automatically enter into the DAB mode and perform auto scan function. During the scan the display will show "Scanning…" together with a slide bar that indicates the progress of the scan and the amount of stations that have been found so far.(F.1) (F.2).
2. Once the scan has finished, the radio will select the first alphanumerically found station. You can now rotate the **SEARCH** control to explore the found stations followed by pressing the **SELECT** button to select listening to the stations.
   Note: If there is no stations found after auto scan, the radio will display "Full Scan", you can now rotate the **SEARCH** control to select "Manual tune" or "Full scan" for stations, and press **SELECT** button to finally confirm.

F.1
```
    Welcome!
  Digital Radio
```

F.2
```
Scanning...      0
■■■■■
```
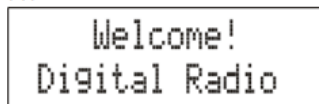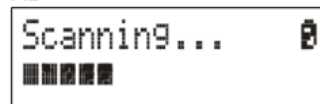
DAB Auto Scan
The auto scan will search for the entire DAB Band III channels, After the scan has finished, the first alphanumerically found station will be automatically selected.
1. *To activate auto scan, press **MENU** button, rotate the **SEARCH** control to enter into the Menu to select "Full scan", finally press the **SELECT** button to confirm, the display will show "Scanning…" together with a slide bar that indicates the progress of the scan. (F.3)*
2. *All the stations that have been found will be stored automatically, to explore the stations that have been found, rotate the **SEARCH** control and when you find a station that you would like to listen to, press the **SELECT** button.*

DAB Manual tune
1. To select manual tune, press **MENU** button, rotate the **SEARCH** control to select "Manual tune".(F.4) And press the **SELECT** button to confirm.
2. Rotate the **SEARCH** control to move through the DAB channels, the display will show "5A to 13F" and their associated frequencies. (F.5)
3. When your desired frequency appears in the display, press the **SELECT** button to listen, the name of the station group (ensemble/multiplex) will be displayed.

F.3

```
        DAB
<    Full scan    >
```

F.4

```
        DAB
<   Manual tune   >
```

F.5

```
    Manual tune
< 5A 174.928MHz >
```
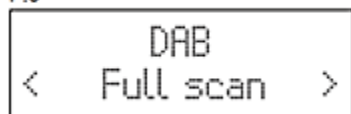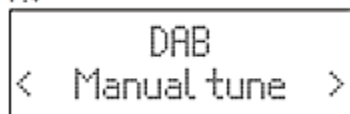
Prune
You may remove all unavailable stations on the station list.
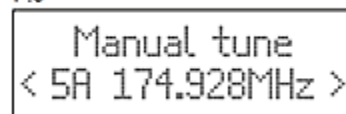1. During DAB mode, press **MENU** button and then rotate the **SEARCH** control to select "Prune". And press the SELECT button to confirm.
2. Rotate the **SEARCH** control to select <Yes> to confirm delete. Or select <No> to cancel. Press the **SELECT** button to confirm the setting.

DAB display modes
Every time you press the **INFO** button, the display will cycle through the following display modes:
Signal Strength, Programme Type, Ensemble Name, Channel number/frequency, Signal error, Audio Bit Rate, Power status (Mains/Battery), Time and Date.

Signal Strength
This shows a slide bar to indicate the signal strength, the stronger the signal, the longer the bar will be from left to right.

Programme Type
This describes the "style" or "genre" of the programme that is being broadcast.

Ensemble Name
The Ensemble/Multiplex is a collection of radio stations that are bundled and transmitted together in a single frequency. There are national and local multiplexes, local ones contain stations that are specific to that area.

Channel number / frequency
This displays the Channel number/frequency of the present station, such as "11C 220.352MHz".

Signal error
Show the stability and quality of signal reception, the best representation for 0.

Audio Bit Rate
The display will show the digital audio bit rate being received.

Power status
Display the power supply is adaptor or battery. If the power supply is battery, the display will show the battery capacity (21-100). When the battery is less than 20, the display will show battery is low.

Time / Date
This displays the current time and date provided automatically by the broadcaster.

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Signal Strength → Programme Type → Ensemble name → Channel number/frequency

Date ← Time ← Power status ← Audio Bit Rate ← Signal error
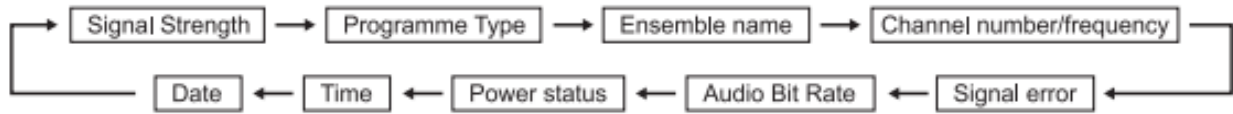
FM radio

1. To select FM, press the **MODE** button, the display will show FM and the frequency.
2. To activate auto search, press **SELECT** button or rotate and hold the **SEARCH** control anticlockwise or clockwise until the radio starts to scan the frequency band, the display will show "Scanning …" (F6) and it will stop automatically once a station has been found.
3. To search manually, rotate the **SEARCH** control in the desired direction to increment the frequency by 0.05MHz. If reception is still poor adjust the position of the antenna or try moving the radio to another location.

F.6

```
92.75MHz
Scanning...
```
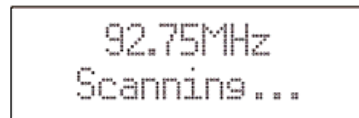
Scan setting

During FM mode, press the **MENU** button and then rotate the **SEARCH** control to select "Scan setting" finally press the **SELECT** button to confirm. Rotate the **SEARCH** control to select "All stations/Strong stations only". Press the **SELECT** button to confirm the setting.

Audio setting

FM is able to search for Stereo or Mono stations.
1. Press the **MENU** button, then rotate the **SEARCH** control to select "Audio setting", and press **SELECT** to confirm.
2. Rotate the **SEARCH** control to select "Stereo allowed" or "Forced mono", and press **SELECT** to confirm.

Note:

The radio will automatically switch between stereo and mono mode, but you can override this and switch this function manually which is helpful for poor signal reception.

FM display modes

Every time you press the **INFO** button, the display will cycle through the following display modes: Radio Text, Programme Type, Frequency, Audio Type, Power status (Mains/Battery), Time and Date.

Radio Text

This displays the information about the current programme.

Programme Type

This describes the "style" or "genre" of the programme that is being broadcast.

Frequency

This displays the frequency of the present station, such as "87.8MHz".

Audio Type

This displays if the station being received is in mono or stereo.

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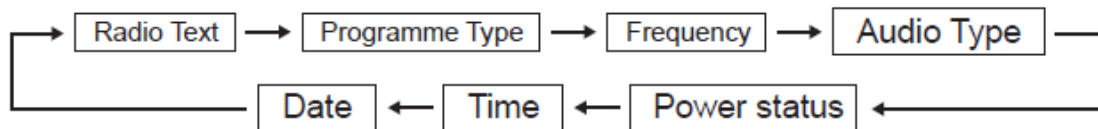OF STORTFORD

Power status

Display the power supply is adaptor or battery. If the power supply is battery, the display will show the battery capacity.

Time

This display the current time provided automatically by the broadcaster.

Date

This display the current date provided automatically by the broadcaster.

STORING AND RECALLING STORED STATIONS

This function allows up to 10 stations to be programmed into the memory and stored in both DAB and FM mode.

1. To store a preset, first tune to your desired station, then press and hold the **PRESET** button for longer than 2 seconds ,the display will show the "Preset Store <#:(Empty)>" (F7).
2. Rotate the **SEARCH** control to select your desired station preset number.
3. Press the **SELECT** to confirm your selection, the station now broadcasting has now been stored in the selected location (F8).
4. To listen to the preset stations, press the **PRESET** button once and then rotate the **SEARCH** control to select the desired preset location. And press the **SELECT** button to confirm. (F.9) The station name or frequency and preset location number will be displayed in the lower half of the display. If the preset has not been allocated 'Preset Recall #: (Empty)', "Preset empty" will be shown in the display.

F.7

```
   Preset Store
<1: Empty        >
```

F.8

```
    Preset 1
     Stored
```

F.9

```
   Preset Recall
<6:  BBC Radio6>
```

Notes:

If the unit is disconnected from the mains supply for any length of time and the batteries are not installed, the programmed stations will be lost.

SETTING ALARMS (AC OPERATION ONLY)

1. Alarm will only function when the product is on Mains power. Attempting to enter Standby mode when powered only by battery will turn the product off.
2. An active alarm is indicated by its icon in the top line of the display in standby mode.
3. Alarms can be switched on or off in standby mode. However, the alarm parameters can only be set when the product is on.
4. To set or change alarm 1, press **ALARM/SNOOZE** button once, then press the **SELECT** button. (F.10)

F.10

```
Alarm 1 Setup
```

5. To set or change alarm 2, press the **ALARM/SNOOZE** button twice, then press the **SELECT** button.
6. To exit alarm setting mode, press the **ALARM/SNOOZE** button again.
7. The alarm setup prompts you for the following parameters. Select a value for each parameter in rotating the **SEARCH** control and press the **SELECT** button to confirm and move on to the next parameter.
8. Parameters
    - On Time – Hours and minutes
    - Duration (minutes) - 15/30/45/60/90
      If the alarm is not cancelled product returns to standby after this time period.
    - Source- Buzzer/DAB/FM
      If DAB or FM is chosen as the audio source you will also be prompted to select the last played station or one of the preset station (if set)
    - Daily/Once/Weekends/Weekdays
      Choose the days on which the alarm is active
    Note: if you choose "Once", you are prompted to enter the required date.
    - Volume – Rotate the **SEARCH** control increase or decrease the volume you desired
      This is the volume the alarm will build up to. (Initially the alarm sounds at a low volume and gradually gets louder to the set volume)
    - Alarm – Off/ On
    - In standby mode, active alarms are indicated by displaying the relevant Alarm 1 and or Alarm 2 icons.
    - At the set time, the alarm will sound, quietly at first, then gradually building up to the set volume. When an alarm sounds.

To turn alarms on or off in standby mode
1. Press the **ALARM/SNOOZE** button, the display shows the current alarm status. To switch the alarms on or off.
2. Press the **ALARM/SNOOZE** button repeatedly to cycle through four states as shown below. (F.11)

F.11

| Alarm 1: Off | Alarm 1: On | Alarm 1: Off | Alarm 1: On |
| Alarm 2: Off | Alarm 2: Off | Alarm 2: On | Alarm 2: On |

3. To choose the display Alarm status, press the **SELECT** button to confirm.

Note 1:
If you have activated the alarm function and the wake up mode is DAB or FM, make sure that the alarm volume level is set at a sufficient level for you to hear.

Note 2:
If one alarm arrive while the other is in snooze mode, snooze mode will be cancelled.
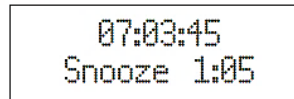
SNOOZE (AC OPERATION ONLY)

1. To temporarily silence a sounding alarm, press the **ALARM/SNOOZE** button once, you can change the snooze period by repeatedly pressing the **ALARM/SNOOZE** button, Snooze periods are 5 or 10 minutes. The radio returns to standby for the set time period with Snooze countdown displayed. When the countdown reaches 0(zero) the alarm triggered again. (F.12) (F.13)
2. Press the **POWER** ⏻ button to fully cancel a sounding alarm and switch the ratio to standby.

F.12
```
    Snooze
  5 minutes
```

F.13
```
  07:03:45
Snooze 1:05
```
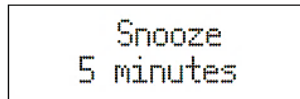
SLEEP (AC OPERATION ONLY)

This function allows you to program the unit to switch off by itself after a set period of time.

1. Press the **SLEEP** button once. You can choose the sleep time:
    Sleep Off/10/20/30/60/70/80/90 minutes (F14).
    Rotate the **SEARCH** control to cycle through the options or press the **SLEEP** button repeatedly, then press the **SELECT** button to choose the displayed option.

F.14
```
Set sleep time
  30 minutes
```
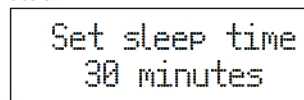
2. Or press the **MENU** button, then rotate the **SEARCH** control until the display shows 'System', and press the **SELECT** button to confirm. Rotate the **SEARCH** control until the display shows "Sleep" then press the **SELECT** button to confirm.
3. Rotate the **SEARCH** control so that you can choose the sleep delay time from: Sleep Off/10/20/30 /60/70/ 80/90 minutes and then press the **SELECT** button to confirm. (F.14).
4. To check the sleep interval remaining, rotate the SEARCH control until the display shows "Sleep', then press the **SELECT** button to check.
5. To cancel the sleep timer, press the MENU button, then rotate the SEARCH control until the display shows 'System', and press the **SELECT** button to confirm. Rotate the **SEARCH** control until the display shows "Sleep", then press the **SELECT** button to confirm. Rotate the **SEARCH** button to select "Sleep Off", then press **SELECT** button to confirm.

USING HEADPHONES (not included)

A stereo headphone jack has been provided so that the set can be used without disturbing others. Plug in the headphones at the point marked ' 🎧 ' and adjust the listening volume to your chosen level. Excessive sound pressure from earphones and headphones can cause hearing loss. The speakers will not operate when earphones are fitted.

RESET

1. If moving the radio to another location in the country the pre-tuned and stored DAB stations may no longer be available and it will be necessary to reset the radio back to the factory settings.
2. With the unit switched on, press the **MENU** button and rotate the **SEARCH** control until the display shows 'System' and press the **SELECT** button and continue rotate the **SEARCH** control until the display shows "Factory Reset <No> Yes' and Rotate the **SEARCH** control "<Yes>" and press the **SELECT** button. (F.15), (F.16)
3. The radio will display "Restarting…." and will then go into standby mode.
   Note: All stored programmed stations will be lost during reset.

F.15
```
     System
<Factory reset>
```

F.16
```
 Factory reset?
   <No> Yes
```
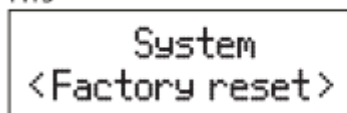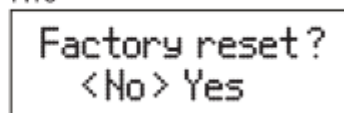
BACKLIGHT

The product display has a backlight with three brightness setting - Low/Medium/High
1. With the unit switched on, press the **MENU** button, and then rotate the **SEARCH** control until the display shows "System". Press the **SELECT** button to confirm.
2. Rotate the **SEARCH** control until the display shows "Backlight", and press the **SELECT** button to confirm.
3. Rotate the **SEARCH** control cycle through "Low/Medium/High" and press the **SELECT** button to confirm the setting.

DIMENSION & WEIGHT

Unit dimension: approx. 230 (L) x 110 (D) x 140 (H) mm
Weight: approx. 0.9 kg

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WARNING

- CHECK THE APPLIANCE AND POWER CABLE CAREFULLY FOR DAMAGE BEFORE EACH USE.
- KEEP THE APPLIANCE AWAY FROM CHILDREN.
- BEFORE CONNECTING THE APPLIANCE, CHECK IF THE VOLTAGE INDICATED ON THE BOTTOM OF THE APPLIANCE AND AC MAINS ADAPTOR IS IN ACCORDANCE WITH THE MAINS VOLTAGE IN YOUR HOME.
- THIS APPLIANCE CAN BE USED BY CHILDREN AGED FROM 8 YEARS AND ABOVE AND PERSONS WITH REDUCED PHYSICAL, SENSORY OR MENTAL CAPABILITIES OR LACK OF EXPERIENCE AND KNOWLEDGE IF THEY HAVE BEEN GIVEN SUPERVISION OR INSTRUCTION CONCERNING USE OF THE APPLIANCE IN A SAFE WAY AND UNDERSTAND THE HAZARDS INVOLVED. CHILDREN SHALL NOT PLAY WITH THE APPLIANCE. CLEANING AND USER MAINTENANCE SHALL NOT BE MADE BY CHILDREN WITHOUT SUPERVISION.
- **SOME PARTS OF THIS PRODUCT CAN BECOME VERY HOT AND CAUSE BURNS. PARTICULAR ATTENTION HAS TO BE GIVEN WHERE CHILDREN AND VULNERABLE PEOPLE ARE PRESENT.**
- CHILDREN OF LESS THAN 3 YEARS SHOULD BE KEPT AWAY UNLESS CONTINUOUSLY SUPERVISED.
- KEEP ITEM AT LEAST 1M AWAY FROM COMBUSTIBLE MATERIAL SUCH AS FURNITURE, CUSHIONS, BEDDING, PAPER, CLOTHES, CURTAINS ETC.
- DO NOT USE IF THE POWER CORD OR PLUG IS DAMAGED. TO BE REPAIRED BY A QUALIFIED ELECTRICIAN OR TO BE REPLACED BY THE MANUFACTURER, SERVICE AGENT OR SIMILARLY QUALIFIED PERSON, IN ORDER TO AVOID A HAZARD.

CARE AND CLEANING INSTRUCTIONS

- Always switch off and unplug before cleaning.
- Do NOT immerse in water. Risk of electric shock.
- Do NOT use abrasive cleaners or sharp utensils to clean this appliance.
- Wipe surfaces with a soft dry cloth.
- Store the unit in a cool, dry place.

BATTERIES (not included)

- Keep batteries away from children and pets.
- Do not mix used and new batteries.
- Remove the batteries if left for long periods.
- Never dispose of batteries in a fire.
- Battery disposal, spent or expired batteries must be properly disposed of and recycled in compliance with local regulations. For detailed information, contact your local authority.
- Follow the battery manufacturer's safety, usage, and disposal instructions.

DISPOSAL

- Dispose of all packaging, paper, cartons and plastic, plastic bags in accordance with your local recycling regulations.
- At the end of the product's lifespan please dispose of it at an authorised household WEEE waste recycling centre.