

# Goodmans

## MICRO1104DAB DAB MICRO SYSTEM



## INSTRUCTION MANUAL

Before operating this unit,  
please read this Owners manual carefully.

## INTRODUCTION

This instruction manual is important to you. Please read it. In a short time it shows exactly how to connect, operate, and adjust this unit for best performance.

It can save you money. It shows simple things to do and check before you call for help and save the cost of unnecessary service or call out charge.

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### Pack contents :

- 1 x main unit
- 1 x remote control
- 2 x loudspeakers
- 1 x owner manual
- 1 x antenna wire

Please retain all packaging material for future transportation of the unit or in the unlikely event that the unit needs to be returned for service.

## IMPORTANT SAFEGUARDS

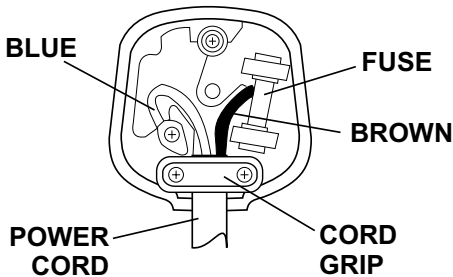
### PRE FITTED MAINS PLUGS

For your convenience a mains plug has been fitted to this appliance. For your safety please observe the following information.

1. Should the fuse in the plug fail remove the plug from the wall socket and replace the fuse with a 3 Amp ASTA approved to BS 1362 fuse.
2. Never use the plug without the fuse cover fitted. Replacement fuse covers are available from your dealer or most electrical retail outlets.
3. If the mains plug is cut off the cable, rewire the replacement plug in accordance with instruction give in this manual.
4. **CAUTION:** Under no circumstances should the discarded plug be inserted into the mains socket. To prevent a shock hazard carefully dispose of the discarded plug. Do not leave the plug lying around where children might see it.

**WARNING:** To prevent fire or shock hazard do not expose this unit to rain or moisture.

**CAUTION:** DANGEROUS VOLTAGES EXIST INSIDE THIS UNIT. DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE REFER SERVICING TO QUALIFIED SERVICE PERSONNEL. DISCONNECT FROM MAINS SUPPLY WHEN NOT IN USE.



These wires in this mains lead are coloured in accordance with the following wiring codes:

**Blue**.....Neutral  
**Brown**.....Live

These wires in this mains lead must be connected to the terminals in the plug as follows:

**Blue Wire**.....N or Black  
**Brown Wire**.....L or Red

Only a 3 Amp fuse should be fitted in the plug or a 5 Amp fuse at the distribution board.

**WARNING:** UNDER NO CIRCUMSTANCES MUST THE LIVE OR NEUTRAL WIRES BE CONNECTED TO THE EARTH TERMINAL IN A 3- PIN MAINS PLUG.



This symbol means that this unit is double insulated. An earth connection is not required.

## WARNINGS AND CAUTIONS

### CAUTION:

- 1.To reduce the risk of electrical shocks, fire, etc.
  - 2.Do not remove screws, covers or cabinet.
  - 3.Do not expose this appliance to rain or moisture.
- Do not block the ventilation opening or holes.  
(If the ventilation openings or holes are blocked by a newspaper or cloth, etc., the heat may not be able to get out.)
  - Do not place any naked flame sources, such as lighted candles, on the apparatus.
  - When discarding batteries, environmental problems must be considered and local rules or laws governing the disposal of these batteries must be followed strictly.
  - Do not use this apparatus in a bathroom or places with water. Also do not place any containers filled with water or liquids (such as cosmetics or medicines, flower vases, potted plants, cups, etc.) on top of this apparatus.
  - The mains plug is used as the disconnect device and it shall remain readily operable. To be completely disconnect the power input, the mains plug of apparatus shall be disconnected from the mains as the disconnect devices is the mains plug.
  - When there is no display, the apparatus is completely disconnected from the mains.
    - The apparatus shall not be exposed to dripping or Splashing and that no objects filled with liquids, such as Vases, shall be placed the apparatus.
    - The mains plug is used as the disconnect device, the disconnect device shall remain readily operable.
    - Always remember to remove the plug from the mains socket before disconnecting the power lead from the back of the unit.
    - The marking plate is located at bottom enclosure.



**Noted : See marking on Bottom / Rear Cabinet**

## IMPORTANT FOR LASER PRODUCTS

1. CLASSIFICATION LABEL,  
PLACED ON REAR OF THE UNIT.

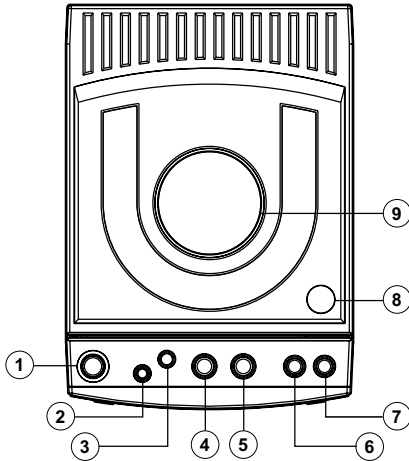


2. WARNING LABEL, PLACED ON REAR OF THE UNIT.

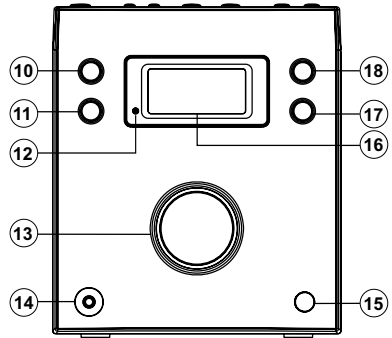
<p><b>WARNING :</b> <i>To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture.</i></p> <p><b>CAUTION :</b> <i>Use of controls or adjustments or performance of procedures other than those specified may result in hazardous radiation exposure.</i></p>
<p style="text-align: center;"><b>CAUTION</b></p> <p style="text-align: center;"><b>RISK OF ELECTRIC SHOCK DO NOT OPEN</b></p> <p style="text-align: center;">To reduce the risk of electric shock, do not remove cover ( or back ). No user serviceable parts inside. Refer servicing to qualified service personnel.</p>
<p> <i>The lightning flash with arrowhead symbol, with in an equilateral triangle, is intended to alert user to the presence of uninsulated " dangerous voltage " within the products enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.</i></p> <p> <i>The exclamation point within an equilateral triangle is intended to alert the user to the pesence of important operating and maintenance ( servicing ) instruction in the literature accompanying the appliance.</i></p>
<p><b>CAUTION</b> <b>INVISIBLE LASER RADIATION WHEN OPEN AND INTERLOCK FAILED OR DEFEATED</b> <b>AVOID DIRECT EXPOSURE TO LASER BEAM.</b></p>

3. **CAUTION:** Do not open the unit. There are no user serviceable parts inside the unit; Leave all servicing to qualified service personnel.

## LOCATION OF CONTROLS

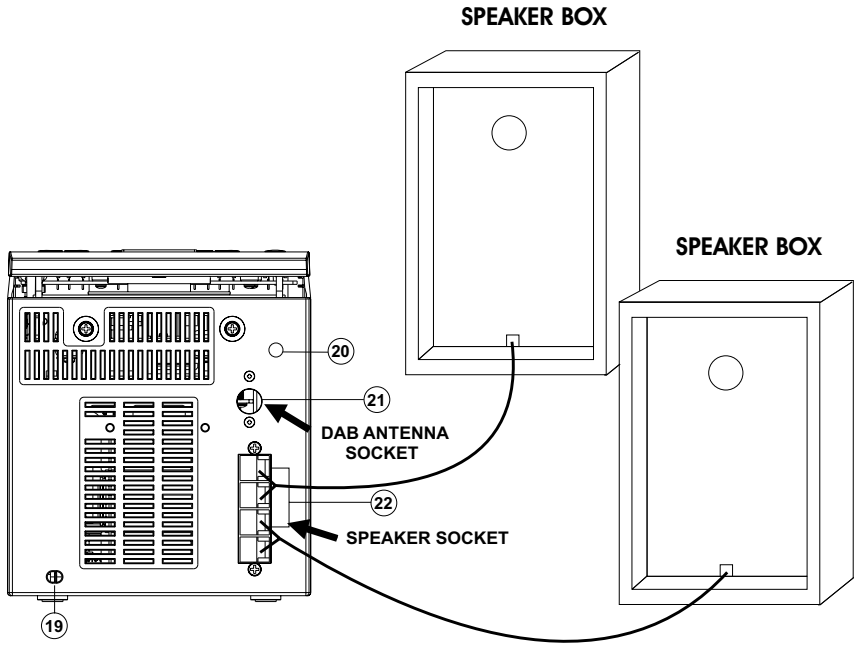


1. **STANDBY / ON Button**  
To toggle the system between Power on and Stand-by status.
2. **SKIP/PRESET DOWN ◀◀ button**  
**CD:** skip to the previous track.  
**DAB:** Select a preset station.
3. **SKIP/PRESET UP ▶▶ button**  
**CD:** skip to the next track.  
**DAB:** Select a preset station.
4. **SCAN/STOP ■ button**  
**CD:** To stop CD playback. In CD stop mode, clear the programme memories during "Programme" function.  
**DAB:** Starts auto scanning.
5. **SELECT/PLAY/PAUSE ▶|| button**  
**CD:** To start or pause CD playback.  
**DAB:** Select the desired station.
6. **SCROLL/SEARCH DOWN button**  
**CD:** To search backward or skip to the previous track in CD mode.  
**DAB:** Station selection and navigating services.
7. **SCROLL/SEARCH UP button**  
**CD:** To search forward or skip to the next track in CD mode.  
**DAB:** Station selection and navigating services.
8. **OPEN/CLOSE button**  
To open or close the disc tray
9. **CD DOOR**



10. **SOURCE button**  
Switches unit between DAB, CD or AUX mode.
11. **REPEAT button**  
**CD:** Cycles Repeat 1 track → Repeat all track → Repeat off .
12. **POWER/STANDBY LED indicator**
13. **VOLUME UP +/- control**  
Increase the volume.  
Decrease the volume.
14. **HEADPHONE SOCKET**  
To listen to the unit with headphones (not included)  
**Note :**  
When headphones are connected the sound to the speakers is automatically muted.
15. **IR SENSOR**  
To receive signals from the remote control.
16. **DISPLAY**
17. **DISPLAY/REMAIN button**  
**CD:** To select remain time or total time.  
**DAB:** Cycles the information displayed:  
Scrolling DLS; Programme Type; Service Type;  
Time & date; Channel & Frequency; Bitrate  
Mode; Signal Error Rate;
18. **CLOCK/SLEEP button**  
To press once will display/close the clock information. When unit at the power on status press and hold the key beyond 2 second will enter into view sleep time mode about 7 seconds; and press the key again will set the sleep time "120 mins → 110 mins → 100 mins → 90 mins → 80 mins → 70 mins → 60 mins → 50 mins → 40 mins → 30 mins → 20 mins → 10 mins → sleep off→ 120 mins cyclically.

# CONNECTING THE UNIT AND SPEAKERS



- 19. AC POWER cord
- 20. AUX in
- 21. DAB antenna socket
- 22. SPEAKER socket

**Notes:**  
 For optimal sound performance, it is recommended to use the supplied speakers.  
 Do not connect more than one speaker to each of +/- speaker terminal.

## CONNECTIONS

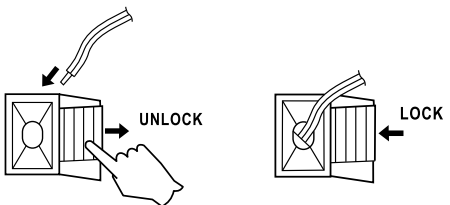
### CONNECT THE DAB ANTENNA

Connect the supplied **DAB** antenna to the **DAB ANT** input on back of the system. Adjust the position of the **DAB** antenna for best reception and ensure the screw connection is fully tightened.

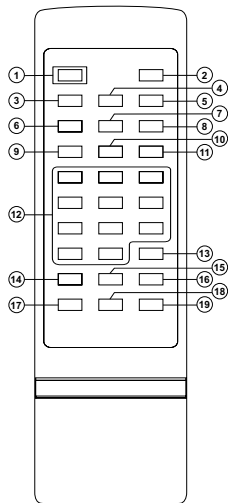
### SPEAKERS CONNECTION

- Connect the right speaker to terminal marked “R”, with the red wire to + and the black wire to -.
- Connect the left speaker to terminal marked “L”, with the red wire to + and the black wire to -.
- Clip the stripped portion of the speaker wire as shown.

## DISPLAY INFORMATION



## REMOTE CONTROL



### 1. STANDBY / ON

To toggle the system between Power on and Stand-by status.

### 2. SOURCE

Switches CD, DAB or AUX as input source.

### 3. RANDOM/MENU

**CD:** Starts random play when in CD mode, and enter menu structure in DAB mode.

**DAB:** Enter menu structure.

### 4. SCAN/STOP

**DAB:** To press the key once will execute local scanning. To press and hold the key beyond 2 seconds will execute the full band III scanning.

**CD:** Stop playback.

**CD:** Press the key once will cleared the stored PROGRAM in stop mode.

### 5. SELECT/PLAY/PAUSE

**DAB:** Select the desired station or items, or display the signal strength when in DAB mode.

**CD:** To press the key PLAY/PAUSE in CD mode

### 6. REPEAT

**CD:** Select "Repeat 1 track → Repeat all track → Repeat off".

### 7. SCROLL SEARCH -

**CD:** To search backward.

**DAB:** Scroll down the items of menu or browse backward the station. During the unit setting the clock or timer, the key is used to change the setting value.

### 8. SCROLL SEARCH +

**CD:** To search forward.

**DAB:** Scroll up the items of menu or browse forward the station. During the unit setting the clock or timer, the key is used to change the setting value.

### 9. PROGRAM

**CD:** When in stop mode, enter memory registration mode and setting program.

**DAB:** to register the station to the memory with the preset number.

**Set clock/timer.**

### 10. SKIP/PRESET -

**CD:** skip to the previous track.

**DAB:** Select a preset station

### 11. SKIP/PRESET +

**CD:** skip to next track.

**DAB:** Select a preset station.

### 12. DIGIT (0-9,10+)

**CD:** Select the number directed accessing the track.

**DAB:** Select a preset station.

### 13. DISPLAY / REMAIN

**CD:** Select the CD remain time display at CD normal play.

**DAB:** Cyclically change the information displayed: (Scrolling DLS; Program Type; Service Type; Time and date; Channel & Frequency; Bit rate Mode; Signal Error Rate.)

### 14. EQ / X-BASS

Cyclically change the EQ effect: (Flat → Rock → Pop → Classic → Jazz → Flat); Toggle the BASS effect between On and Off.

### 15. TIMER

Press the key short will enable/disable the timer.

Press and hold about 2 seconds will enter time setting mode.

### 16. CLOCK / SLEEP

To press once will display/close the clock information. When unit at the power on status press and hold the key beyond 2 second will enter into view sleep time mode about 7 seconds; and press the key again will set the sleep time "120 mins → 110 mins → 100 mins → 90 mins → 80 mins → 70 mins → 60 mins → 50 mins → 40 mins → 30 mins → 20 mins → 10 mins → sleep off → 120 mins" cyclically.

### 17. MUTE

To slice the sound.

### 18. VOLUME -

To decrease the volume.

### 19. VOLUME +

To increase the volume.

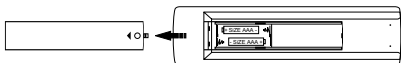
## POWER SOURCE

### AC POWER SUPPLY

After all other connections have been made. Connect the AC power cord of the system to the wall outlet. The system will be in standby mode.

### INSERTING BATTERIES INTO THE REMOTE CONTROL

Insert batteries (type R-03 or UM-4 AAA) into the remote control as shown in the battery compartment.



#### CAUTION:

- Replace batteries if the remote control fails to work.
- Remove batteries if they are exhausted or not to be used for a long time.
- Batteries contain chemical substances, so they should be disposed of properly.

## BASIC FUNCTIONS

### THE CLOCK SETTING

Before operating the unit any further, first set the unit's clock.

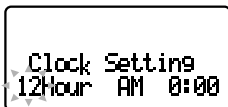
When you plug in the power cord, "0:00" starts flashing on the display.

You can set the clock when the unit is in standby mode.

1. When the unit is in standby mode, press and hold **CLOCK/SLEEP** until "Clock Setting" appears on the display with "On" flashing.



2. Press **SCROLL/SEARCH DOWN** or **SCROLL/SEARCH UP** to select either 24 or 12 Hour mode, then press **CLOCK/SLEEP** to confirm.



3. Press **SCROLL/SEARCH DOWN** or **SCROLL/SEARCH UP** to adjust the hour, then press **CLOCK/SLEEP** to confirm.

- When you press and hold **SCROLL/SEARCH DOWN** or **SCROLL/SEARCH UP**, the hour indicator changes continuously.
- The minute indicator starts flashing.



4. Press **SCROLL/SEARCH DOWN** or **SCROLL/SEARCH UP** to adjust the minute, then press **CLOCK/SLEEP** to confirm.

- When you press and hold **SCROLL/SEARCH DOWN** or **SCROLL/SEARCH UP**, the minute indicator changes continuously.
- The built-in clock starts work.



#### Note:

When you unplug the AC power cord or if a power failure occurs, the clock is reset to "0:00" right away. If this happens, set the clock again.

**To show the clock when the unit is turned on**  
Press **CLOCK/SLEEP**

- Each time you press the button, the display changes the clock indication and the normal indication alternately.

### TURNING ON THE POWER

To turn on the unit, press **STANDBY/ON**. The STANDBY lamp on the unit goes off.

- When you press the **SOURCE** button, the unit automatically turns on.

To turn off the unit (standby), press **STANDBY/ON** again. The STANDBY lamp on the unit lights red.

- "0:00" flashes on the display until you set the built-in clock. After setting the clock, the clock time will appear steadily on the display while the unit is on standby.

To switch off the power supply completely, unplug the AC power cord from the AC outlet.

### SELECTING THE SOURCE

To select the source, press the **SOURCE** button.

### VOLUME CONTROL

You can adjust the volume level only while the unit is turned on.

The volume level can be adjusted between "VOL MIN" (VOL 1) and "VOL MAX" (VOL 32).

To increase the volume, rotate **VOLUME** in clockwise on the unit or press **VOLUME ▲** on the remote control.

To decrease the volume, rotate **VOLUME** in anti-clockwise on the unit or press **VOLUME ▼** on the remote control.

### To turn off the sound temporarily

Press **MUTE**.

The volume level turn down and "Muted" starts flashing on the display.

Playback will continue without sound and "Muted" will be flashed.

To restore the sound, press **MUTE** again.

#### Note:

- Adjusting the volume level also cancels the muting.

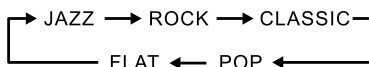
### SELECTING THE SOUND MODES

You can select one of the 4 sound modes.

- This function also affects the sound from headphones or speaker boxes.

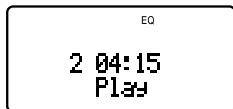
To select the sound modes, press **EQ-BASS** repeatedly.

- Each time you press the button, the sound mode changes as follow:





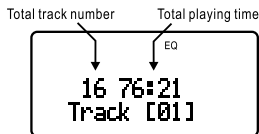
When the sound mode is activated, the “EQ” indicator lights up on the display.



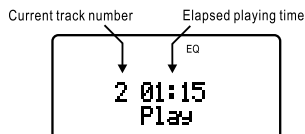
## USING THE CD

### PLAYING THE ENTIRE DISC-NORMAL PLAY

1. Press **OPEN/CLOSE** on the unit.  
The disc cover opens.
- You can insert a disc while listening to another source.
2. Place a disc correctly with its label side up.
3. Close the disc cover gently.
4. Press **SOURCE**.  
The unit automatically turns on and the source changes to the CD player. After loading the disc, total track number and total playing time are shown on the display.



5. Press **▶▶**.  
The first track of the disc starts playing.



- The disc automatically stops when the last track has finished playing.

To stop playing, press **■**.

To remove the disc, press **OPEN/CLOSE** on the unit in stop mode.

#### Note:

- If the disc can not be read correctly (because it is scratched, for example) or an unreadable disc is inserted, playback will not start.
- If no disc is inserted, “NO DISC” appears on the display.

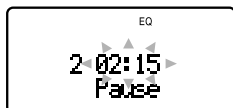
## BASIC DISC OPERATIONS

While playing a disc, you can do the following operations.

### To stop playing for a moment

During play, press **▶▶**.

While pausing, the elapsed playing time flashes on the display.



To resume playing, press **▶▶** again.

## To go to another track

Before or during play, press **◀◀** or **▶▶** repeatedly.

- **▶▶** : Skips to the beginning of the next tracks.
- **◀◀** : Goes back to the beginning of the previous tracks.

## To locate a particular point in a track

During play, press and hold **SCROLL SEARCH -** or **SCROLL SEARCH +**

- **SCROLL SEARCH +** : Fast-forwards the tracks.
- **SCROLL SEARCH -** : Fast-reverses the tracks.

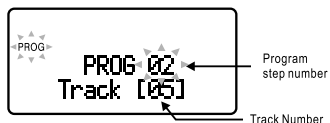
## PROGRAMMING THE TRACK PLAYING ORDER

You can arrange the order in which the tracks are played before you start playing. You can program up to 20 tracks in stop mode.

1. Place a disc.  
If the current source is not the CD player, press **SOURCE**.
2. Press **PROG**.  
The PROG indicator starts blinking.



3. Press **◀◀** or **▶▶** (or press the number buttons on the remote control) to select the track number, then press **PROGRAM** to confirm. “PROG” and “P-01” starts blinking.



4. Repeat step 3 to program other tracks you want.

#### Note:

- You can not program more than 20 tracks. If you attempt to do it, “Program FULL” will flash on the display.

## To play the programmed tracks

Press **▶▶**

- During program play, you can press **◀◀** or **▶▶** to select the desired track in the program.

#### Notes:

If you press **CD/REPEAT** during program play.

The current track or all programmed tracks are played repeatedly.

## To clear the program.

Press **■** in stop mode.

- The stored program is cleared when the CD compartment is opened.

## DAB - DIGITAL AUDIO BROADCASTS

This section provides information on using your DAB including tuning, selecting a service and altering the displayed information.

### Tuning

Tuning the DAB is very simple. When you first switch on the unit it will start an automatic tuning process described below in Tuning for the first time. You may want to re-tune the unit at a later date if you move the unit to a different room or if you want to receive a newly introduced multiplex.

### Tuning for the first time

When you switch on your DAB for the first time an autotune process will be performed automatically. A progress indicator on the display shows that autotune underway. "Welcome to Digital Radio" will be displayed on LCD.

### If stations are found during the autotune

The stations will be stored in alphanumeric order and the first station on the list will be selected and you will hear it through the speaker. To listen to other stations, see Selecting a station.

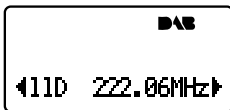


### If no stations are found during the autotune

'No stations available' will be shown on the display for a few seconds and then you see a menu of options. Use the **SCROLL/SEARCH** knob to scroll through the following options and push it to select that option.



**Manual Tune** - See Manual Tune details of using the manual tuning option.



**Local Scan** - See Retuning your unit below for details of the local autotune option.

**Full Scan** - See retuning your unit below for details of the full autotune option.

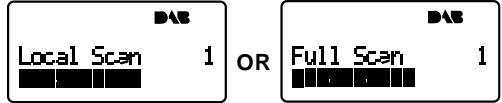
### Retuning your unit

You can re-tune your unit at any time using the autotune process. You may wish to do this if a new multiplex is launched or you move your unit to another room. You do not need to perform an autotune to pick up new stations within a multiplex you already have stored as your DAB monitors and refreshes the list of available stations automatically. The following two options are available:

**Local Scan** - scans all frequencies in the UK channel allocation. This should only take a few seconds.

**Full Scan** - scans the full range of digital frequencies in Band III. This may take a minute or more.

1. Ensure your DAB is switched on and the aerial is connected and fully extended.
2. Push and release the SCAN button once for local scan or hold down for around two seconds for a full scan.



### Note:

You can cancel Autotune by pressing the SCAN button again during the tuning process.

The display will indicate tuning is underway. When finished, the DAB will return to the station you were listening to and you will hear it through the speakers. All the stations found are now stored in the unit and you can select another station as described in Selecting a station. If no stations are found, you see the message 'No Stations Available' and the display shows an option menu, see If no stations are found during the autotune for details of this menu. Check your aerial is fully extended and try one of the available tuning options.

### Selecting a station

Once you have tuned your DAB you select the digital radio station you want to listen to using the SCROLL button. If you have assigned stations to presets you can also select them directly by pressing the relevant numbered button (1-6), see storing and recalling presets.

1. The top line of the display shows the name of the currently selected station. Press the SCROLL button to see the names of other stored stations on the bottom line of the display. Stop when you find the station to which you want to listen.
2. Press the SELECT button to listen to the station you have selected. The display may show 'Now tuning' briefly as it finds the new station.

If a station has one or more secondary services available the display will '>>' next to the station name on the station list and they will appear after the primary service as you turn the **SCROLL/SEARCH** knob.



A secondary service will display '<<' before the station name on the station list indicating that it belongs to the primary service before it in the list. See information on primary and secondary services.



If the station has '?' before its name the service is currently inactive or invalid. If you select a station which has this symbol the DAB tries to tune to that station. If still unavailable 'Service not avail' or 'Service off-air' will be displayed and DAB will attempt to tune to an alternative station. A flashing cursor will indicate that this is underway. If you want to try to manually tune to this station you have five seconds in which to push the Tune button and the manual tuning bar will be displayed enabling you to adjust your aerial.



### Changing the display mode

DAB has six display modes which enable you to view parts of the broadcast data on the bottom line of the display. Press the DISPLAY button and repeat to cycle through the six different display modes.

#### Scrolling text:

The default mode, displays scrolling text messages which accompany the audio, where available.



#### Program Type:

A label describing the type of content being broadcast by the service.



#### Multiplex name:

Displays the name of the multiplex in which the current service is found, see Guide to Digital Radio for more information on multiplexes.

#### Date and time:

Displays the date and time obtained from the current multiplex.

#### Channel:

Displays the channel identifier and frequency for the station to which you are tuned, see Guide Digital Radio for more information.



#### Mode:

Displays the mode of the current service Stereo or Mono and the data rate at which the audio signal is being transmitted. This rate is set by the broadcaster to suit the type and quality of material being transmitted.



#### Signal Quality:

Display the signal quality for the signal to which you are tuned. As a guide values from 80 to 100 indicate good reception, 60 to 80 borderline reception and 60 or more poor reception. You can attempt to improve this quality by adjusting your aerial position using the Manual Tune option described.



### Storing and recalling presets

The numbered buttons (1-6) enable you to store radio stations for one-touch access.

#### To store a station

You can store a station to a preset while listening to it or when you see the station name on the bottom line of the display while scrolling through the station list.

Press and hold down a numbered button for around two seconds to store the station under that number. The display shows e.g. 'Preset 1 saved' when the station has been successfully saved. Once you save a station to a preset, the station name has the preset number next to it on the station list.



#### To recall a previously stored station

Press and release the numbered button under which you stored the station. If the selected preset is empty the display shows 'Preset empty' for a few seconds and you continue listening to the currently selected station.

### Advanced setup options

The DAB has a number of advanced features which enable you to change the order and number of stations on the station list, perform manual tuning, apply Dynamic Range Control (DRC).

Press the RANDOM/MENU button to enter the advanced setup menu, press the SCROLL button to scroll through the following menu options then press the select button to select that option.

## Station Order

This option enables you to choose the order in which stations appear as you scroll through the station list.

When you select this option you see the currently selected order on the top row of the display and a scroll list on the bottom. Press the SCROLL button to scroll through the following options and press the select button to select one:



### Fav station

Displays the ten most listened to stations at the top of the station list in alphanumeric order and the rest below in alphanumeric order. Your favourite stations will be displayed with a ♥ next to the station name when you scroll through the station list.



### Alphanumeric

Displays all stations in alphanumeric order. This is the default setting.



### Active station

Displays active stations at the top of the service list in alphanumeric order and inactive ones at the bottom in alphanumeric order. See Selecting a station on page 9 for information on active stations.



### Prune stations

Removes inactive stations from the station list.



### ♥ → Presets

Available only when Fav station order (above) has been selected. Transfers the top six stations for your 10 favourite stations to the preset buttons.



## Manual Tune

This option provides a signal quality display which you can use to find the best position for your radio and aerial.



When you select this option, the bottom line of the display shows the channel identifier and frequency. See useful addresses which you can contact to find the channel identifier for a multiplex you want to receive.



1. Press the SCROLL button to scroll through different channels and press the select button to select one. Note the list includes all channels, UK stations are in the range 11B to 12D. You see a signal quality display. The empty block indicates the minimum required level for reception and the solid blocks indicate the current level.



2. Move your aerial or radio whilst watching the display and try to raise the current level to the empty block or beyond. The display will change to show the multiplex name on the bottom line of the display once a good signal is received and the multiplex will be added to the service list.

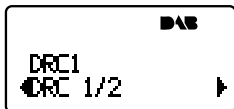


## DRC Value

DRC (Dynamic Range Control) enables you to alter the dynamic range of the received audio (dependent on broadcast material) by making the quieter sounds in a broadcast more audible. This may be useful in noisy environments or particularly quiet parts of programmes. The DRC level of a broadcast is set by a broadcaster and transmitted with the service. Changing this DRC value enables you to apply a scaling factor to this level.



When you select this option you see the current DRC value on the top line of the display and a scroll list on the bottom. Press the **SCROLL** button to scroll through the following options and press the select button to select one:



- DRC 0 DRC scaling is switched off.
- DRC 1/2 DRC scaling is set to 1/2 that sent with the transmitted service.
- DRC 1 Applies the DRC scaling as sent with the transmitted service. This is the default setting.

### Resetting your DAB

A reset option is provided to enable you to reset your unit. This removes all presets, stored stations and favourite station settings and resets all options to defaults. Performing an autotune process will solve most problems but you may want to use this option if you move house or want to restore default values to options you have changed.

To select the reset option:

1. Press and hold the **MENU** button for more than two seconds. The display will show "Press **SELECT** to confirm Reset".
2. Press the **SELECT** button to confirm the reset or press no buttons for around seven seconds to cancel the reset.

## CLOCK/TIMER OPERATION USING THE TIMER

There are two timers available- daily timer, sleep timer.

- Before using the timers, you need to set the built-in clock.

### Using Daily Timer

You can set the Daily Timer when the unit is either turned on or in standby mode.

With the daily timer, you can wake to your favorite music or radio program.

### How the daily timer actually works

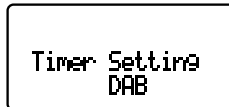
When the on-time comes, the unit automatically turns on and then the off-time comes, the unit automatically turns off (standby).

- Once the timer has been set, it will be activated at the same time everyday until the timer is turned off and the timer setting remains in memory until you change it.

### Timer setting

- There is a time limit in doing the following steps. If the setting is canceled before you finish, start from step 1 again.

1. Press and hold **TIMER** until "Timer Setting DAB" appears on the display.

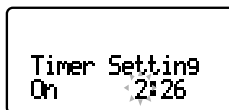


2. Press **PROGRAM** to enter the source selection mode.



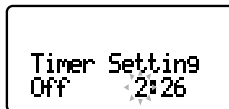
3. Press **SCROLL SEARCH -** or **SCROLL SEARCH +** to select the desired source ( DAB, CD), then press **PROGRAM** to confirm .

The hour indication of on-time starts flashing on the display.



4. Press **SCROLL SEARCH -** or **SCROLL SEARCH +** to set the on-time you want the unit to turn on.

- Press **SCROLL SEARCH -** or **SCROLL SEARCH +** to set the hour, then press **PROGRAM** to confirm.
- Press **SCROLL SEARCH -** or **SCROLL SEARCH +** to set the minute, then press **PROGRAM** to confirm. The hour indication starts of off-time flashing on the display.



5. Press **SCROLL SEARCH -** or **SCROLL SEARCH +** to set the off-time you want the unit to turn off.

- 1) Press **SCROLL SEARCH -** or **SCROLL SEARCH +** to set the hour, then press **PROGRAM** to confirm.
- 2) Press **SCROLL SEARCH -** or **SCROLL SEARCH +** to set the minute, then press **PROGRAM** to confirm.

6. Press **TIMER** to activate the daily timer mode.

7. Press **STANDBY/ON** to turn off the unit if the unit is on.

To deactivate the timer temporarily, press **TIMER** until "TIMER" indicator goes off.

To activate and change the timer, repeat steps 1 to 6.

### Note:

- When you unplug the AC power cord or if a power failure occurs, the timer will be canceled. You need to set the clock first, and set the timer again.

## USING THE SLEEP TIMER

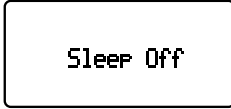
With the sleep timer, you can fall asleep to your favorite music or radio program.

- You can set the sleep timer only when the unit is turned on.

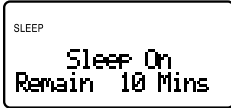
## How the sleep timer actually works

The unit automatically turns off after the specified length of time passes.

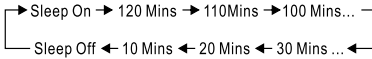
1. Press and hold **CLOCK/SLEEP** button on the remote control until "SLEEP OFF" appears on the display.



2. Press **CLOCK/SLEEP**.



3. Press **CLOCK/SLEEP** repeatedly to select the desired time length. Each time you press the button, the length of time ( in minutes ) changes as follows:



4. Wait for about 5 seconds after specifying the length of time. The SLEEP indicator lights up steadily on the display.

To check the remaining time until shut-off time, press and hold **CLOCK/SLEEP** once. The remaining time until shut-off time appears for about 5 seconds.

To change the shut-off time, press **CLOCK/SLEEP** repeatedly until the length of time you want appears.

To cancel the setting, press **CLOCK/SLEEP** repeatedly until "OFF" appears and the SLEEP indicator goes off from the display.

- Turning off the unit also can cancel the Sleep Timer.

## GENERAL INFORMATION MAINTENANCE

### Cleaning the cabinet

- Use a soft cloth slightly moistened with a mild detergent solution. Do not use a solution containing alcohol, spirits, ammonia or abrasive.

### Cleaning discs

- When a disc becomes dirty, clean it with a cleaning cloth, wipe the disc from the center out. Do not wipe in circular motion.
- Do not use solvents such as benzene, thinner commercially available cleaners, or antistatic spray intended for analogue records.

### Cleaning the disc lens

- After prolonged use, dirt or dust may accumulate at the disc lens. To ensure good playback quality, clean the disc lens with CD lens cleaner or any commercially available cleaner.

Follow the instructions supplied with cleaner.

## TROUBLE SHOOTING GUIDE

Check the following guide for problem resolution

PROBLEM	POSSIBLE CAUSE	SOLUTION
<b>General</b>		
No Sound	AC cord not plugged in	Plug in AC cord securely
	VOLUME control is at minimum	Set the VOLUME control to proper
	Wrong source selected	Make sure the source is set to the source you want to operate
	Headphones plug inserted into the headphone jack	Pull out the headphone plug from the headphone jack
<b>CD player</b>		
Disc is inserted but Tracks Are Not Displayed	Disc is inserted upside-down	Insert disc correctly (label up)
	Disc is dirty	Wipe clean with soft cloth
	Disc is scratched	Use a new disc
	Disc is seriously warped	Use a new disc
	Moisture has formed inside the CD deck	Take out the CD and leave the CD player open for an hour to try
	Disc is dirty	Wipe clean with soft cloth
	Disc is scratched	Skip over scratched sections (if necessary); otherwise, replace the disc
<b>Remote Control</b>		
Does Not Function Properly	Battery are weak	Replace the batteries
	Obstacles are in the path between the remote control and system	Remove the obstacles
	Interference from strong light (e.g direct sunlight, fluorescent lighting)	Change the light in the room
	Too far from Remote Sensor	Move closer to the system when using the remote control and make sure that you are pointing at the unit's Remote Sensor

## INFORMATION FOR USERS APPLICABLE IN EUROPEAN UNION COUNTRIES



This symbol on the product or on its packaging means that your electrical and electronic equipment should be disposed at the end of life separately from your household wastes.

There are separate collection systems for recycling in EU.

For more information, please contact the local authority or the dealer from where the product was purchased.

## **SPECIFICATIONS**

Power Supply : AC 230V ~ 50HZ  
Unit Dimensions : 230(L) X 145(W) X167.5(H) mm  
Speaker Dimensions : 160.5(L) X 134(W) X 208(H) mm  
N.W : 4.25Kg

### **CD Section**

Standard : CD CD-R CD-RW  
Frequency Response : 20Hz-20KHz

### **DAB Section**

Receiver Band : DAB Band III 174.928 MHZ (5A) 239.200  
MHZ(13F)  
Tuning Range - Local 11A to 12D  
Full 5A to 13F

Aerials: external wire aerial for DAB reception

### **General**

Power Output (at 10% THD) : 2 X 10W RMS  
Headphone Socket : 3.5mm diameter, 32 OHM  
Specifications are subjected to change and improvement  
without notice.