

# JVC

Instruction Manual

## Wooden Wireless DAB Radio

RA-D77M



**DAB**  
Digital Audio Broadcasting

 **Bluetooth**<sup>®</sup>

Certification mark  
**digitalradio**   
Approved Product



# Contents

---

<b>Safety Warnings</b> .....	<b>5</b>
<b>Unpacking</b> .....	<b>7</b>
<b>Product Overview</b> .....	<b>8</b>
Front View.....	8
Rear View.....	8
Top View.....	9
<b>Connections</b> .....	<b>10</b>
Using the AUX Connection.....	10
Using Earphones .....	10
<b>Turning the Radio On for the First</b> .....	<b>11</b>
<b>Basic Operating</b> .....	<b>12</b>
Switching ON/OFF .....	12
Selecting Modes.....	12
Adjusting the Volume .....	12
Automatically Setting the Clock .....	12
<b>System Settings</b> .....	<b>13</b>
Setting a Sleep Timer .....	13
Alarm .....	13
Equaliser.....	14
Setting the Time and Date .....	15
Backlight.....	15
Language.....	15
Factory Reset.....	16
Software version.....	16
<b>DAB Operation</b> .....	<b>17</b>
DAB Full Scan.....	18
Secondary Services .....	18
Manually Tuning In DAB Radio Stations .....	18
DRC Setting.....	19
Saving Preset Stations.....	19
Recalling a Preset Station .....	19
DAB Display Modes .....	20
<b>FM Operation</b> .....	<b>21</b>
Auto Scan.....	21
Manual Tune .....	21
Scan Setting .....	21
Audio Setting .....	22
Saving Preset Stations.....	23
Recalling a Preset Station .....	23
FM Display Modes.....	24
<b>Bluetooth® Operation</b> .....	<b>25</b>
<b>AUX IN Operation</b> .....	<b>26</b>
<b>Maintenance</b> .....	<b>26</b>
Cleaning the Unit.....	26

<b>Hints and Tips.....</b>	<b>27</b>
<b>Product Fiche and Specifications.....</b>	<b>28</b>
<b>Useful Information and Licences.....</b>	<b>29</b>

# Safety Warnings

- Read all the instructions carefully before using the unit and keep them for future reference.
- Retain the manual. If you pass the unit onto a third party make sure to include this manual.
- Check that the voltage marked on the rating label matches your mains voltage.

## Damage

- Please inspect the unit for damage after unpacking.
- Do not continue to operate the unit if you are in any doubt about it working normally, or if it is damaged in any way - switch off, withdraw the mains plug and consult your dealer.

## Location of Unit

- The unit must be placed on a flat stable surface and should not be subjected to vibrations.
- Do not place the unit on sloped or unstable surfaces as the unit may fall off or tip over.
- The mains socket must be located near the unit and should be easily accessible.
- This unit is designed for indoor, domestic use only.

## Temperature

- Avoid extreme degrees of temperature, either hot or cold. Place the unit well away from heat sources such as radiators or gas / electric fires.
- Avoid exposure to direct sunlight and other sources of heat.

## Naked Flames

- Never place any type of candle or naked flame on the top of or near the unit.

## Moisture

- To reduce the risk of fire, electric shock or product damage, do not expose this unit to rain, moisture, dripping or splashing. No objects filled with liquids, such as vases, should be placed on the unit. Do not operate the unit with wet hands, near water or other liquid.
- If you spill any liquid into the unit, it can cause serious damage. Switch it off at the mains immediately. Withdraw the mains plug and consult your dealer.

## Ventilation

- To prevent the risk of electric shock or fire hazard due to overheating, ensure that curtains and other materials do not obstruct the ventilation vents.
- A minimum distance of 5 cm around the unit should be maintained to allow for sufficient ventilation.
- Do not install or place this unit in a bookcase, built-in cabinet or in another confined space. Ensure the unit is well ventilated.

## Safety

- Always disconnect the unit from the mains supply before connecting / disconnecting other devices or moving the unit.
- Unplug the unit from the mains socket during a lightning storm.
- In the interests of safety and to avoid unnecessary energy consumption, never leave the unit switched on while unattended for long periods of time, e.g. overnight, while on holiday or while out of the house. Switch it off and disconnect the mains plug from the mains socket.

## Mains Adapter Cable

- Make sure the unit or unit stand is not resting on top of the mains adapter cable, as the weight of the unit may damage the cable and create a safety hazard.

## Mains Adapter

- The mains adapter will continue to draw electricity from the mains supply when plugged in the mains socket. In the interests of safety and to avoid unnecessary energy consumption, never leave the adapter plugged in the mains socket while unattended for long periods of time. Disconnect the adapter from the power supply.



Use only power supplies listed in the user instructions.

## Interference

- Do not place the unit on or near appliances which may cause electromagnetic interference. If you do, it may adversely affect the operating performance of the unit, and cause a distorted picture or sound.

### Supervision

- Children should be supervised to ensure that they do not play with the unit.
- Never let anyone especially children push anything into the holes, slots or any other openings in the case - this could result in a fatal electric shock.



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated “dangerous voltage” within the unit’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the manual accompanying the unit.

### Service

- To reduce the risk of electric shock, do not remove screws. The unit does not contain any user-serviceable parts. Please leave all maintenance work to qualified personnel.
- Do not open any fixed covers as this may expose dangerous voltages.

### Maintenance

- Ensure to unplug the unit from the mains socket before cleaning.
- Do not use any type of abrasive pad or abrasive cleaning solutions as these may damage the unit’s surface.
- Do not use liquids to clean the unit.



To prevent the spread of fire, keep candles or other open flames away from this product at all times.

**Thank you** for purchasing your new product.

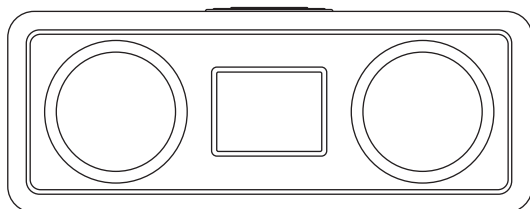
We recommend that you spend some time reading this instruction manual in order that you fully understand all the operational features it offers. You will also find some hints and tips to help you resolve any issues.

Read all the safety instructions carefully before use and keep this instruction manual for future reference.

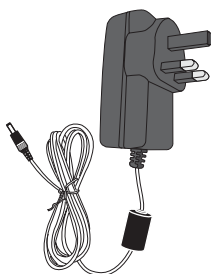
## Unpacking

Remove all items from the packaging. Retain the packaging. If you dispose of it please do so according to local regulations.

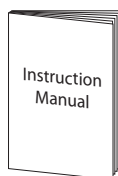
The following items are included:



Main Unit



Mains Adapter



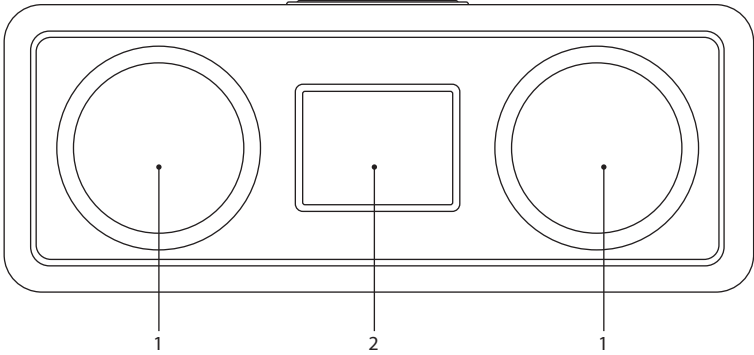
Instruction Manual



- If items are missing, or damaged please contact Partmaster (UK only). Tel: 0344 800 3456 for assistance.
- If you require additional assistance:  
For UK, please call our UK Call Centre on **0344 561 1234**.  
For Ireland, please call our Ireland Call Center on **1 890 818 575**.

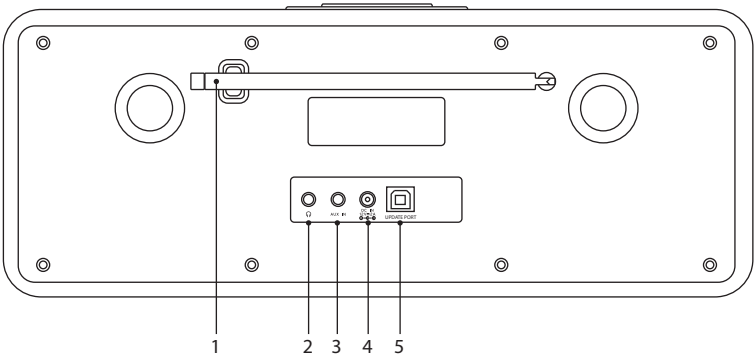
# Product Overview

## Front View



- 1. Speaker
- 2. TFT Display

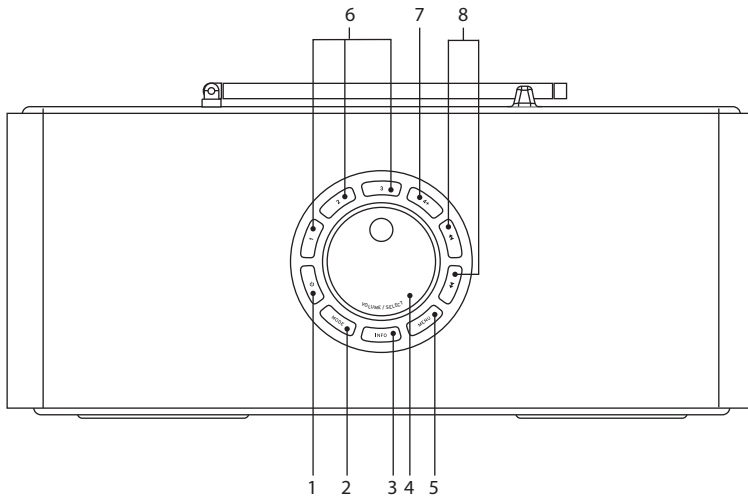
## Rear View



- 1. DAB / FM Aerial
- 2. Socket
- 3. **AUX IN** Socket
- 4. **DC IN 12V 2A** Socket
- 5. **UPDATE PORT** Socket



# Top View

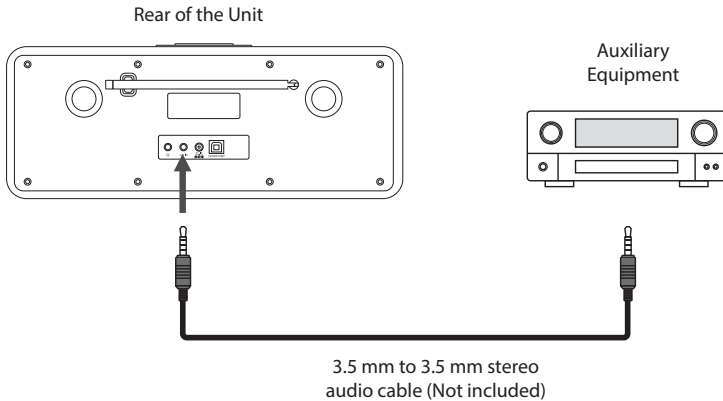


1. **⓪ STANDBY Button**  
Switch the unit **ON** or into **STANDBY** mode.
2. **MODE Button**  
Press to select different modes.  
- **DAB radio - FM radio - Bluetooth - Auxiliary input.**
3. **INFO Button**
  - Press to view radio station information in radio modes.
  - Press to view the date in **Bluetooth** mode.
4. **VOLUME/SELECT Dial**
  - Turn to adjust playback volume.
  - Turn to browse options.
  - Press to confirm a selection.
  - Press to activate the snooze function when the alarm sounds.
  - Press to start auto scan in FM mode.
  - Press to pause/resume playback in **Bluetooth** mode.
5. **MENU Button**  
Press to enter or exit the menu.
6. **Preset 1/2/3 Button**
  - Press and hold to directly save preset station 1, 2 or 3.
  - Press to directly recall preset station 1, 2 or 3.
7. **Preset 4+ Button**
  - Press and hold to save preset station among 1-10.
  - Press to recall preset station among 1-10.
8. **◀▶▶▶ Button**
  - Press to move upwards/downwards in the menu
  - Press to tune FM station.
  - Press to select DAB station.
  - Press and hold to search for a radio station going forwards/backwards through accessible radio frequencies in **FM** mode.
  - Press to skip to the previous/next track in **Bluetooth** mode.

# Connections

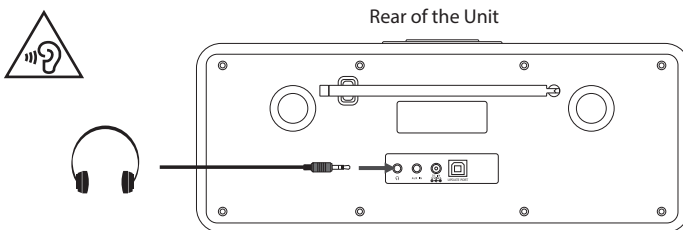
## Using the AUX Connection

Connect the **AUX IN** socket at the rear of the unit to the line output sockets on the auxiliary equipment using a 3.5 mm to 3.5 mm stereo audio cable (not included), as illustrated.




## Using Earphones

Turn down the volume before connecting the earphones. Slowly raise the volume with the earphones on until you reach your desired volume. When earphones are connected, the speaker is automatically muted.



Long-term exposure to loud music may cause hearing damage. It is best to avoid extreme volume when using earphones, especially for extended periods.

# Turning the Radio On for the First Time

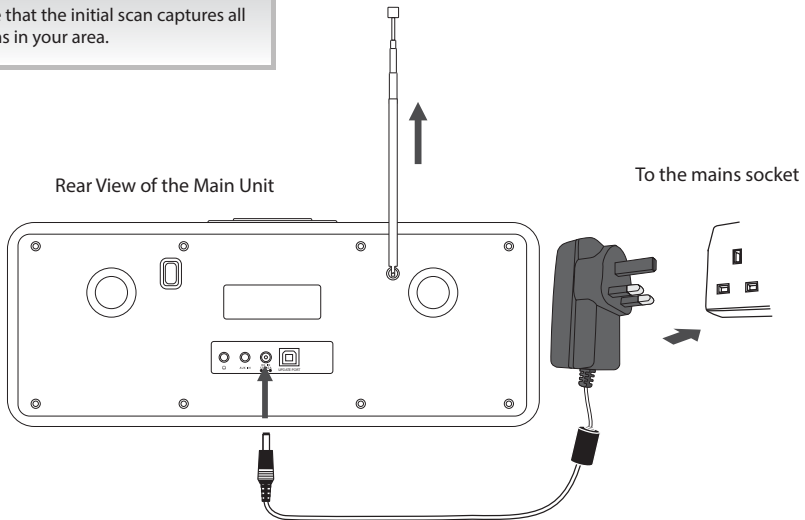
1. Fully extend the aerial before plugging the unit into the mains.
2. Connecting the unit to any other power source may damage the unit. Unwind the mains adapter cable to its full length. Connect the end of the cable to the **DC IN 12V**  Socket at the rear of the unit and then connect the mains adapter to the mains socket. Make sure the mains adapter is firmly inserted into the mains socket. The unit is now connected and ready to use.



Ensure all connections are connected before connecting to the mains power socket.



Extend the aerial before switching to DAB mode for the first time. This will ensure that the initial scan captures all stations in your area.



Remove the mains plug from the mains socket if you want to switch the unit off completely.




- Ensure all audio connections of the unit are connected before connecting to the mains power socket.
- Make sure the mains plug is firmly inserted into the mains socket.
- To switch the unit off completely, remove the mains plug from the mains socket.
- Please turn the unit off completely to save energy when not in use.
- Use the mains cable as the disconnect device. The disconnect device shall remain readily operable.

# Basic Operation

---

## Switching ON/OFF

Press  **STANDBY** on the unit to switch the unit between the **ON** and **STANDBY** modes.



Remove the mains plug from the mains socket if you want to switch the unit off completely.


## Selecting Modes

Press **MODE** button on the unit repeatedly to switch between **DAB radio**, **FM radio**, **Bluetooth** and **Auxiliary Input** mode.

-Or-

Press **MODE** button and then turn the **VOLUME/SELECT** dial to select the desired mode. Press **VOLUME/SELECT** dial to confirm.



The unit will automatically go to **STANDBY** mode after 10 minutes if it has no audio playback. Press  **STANDBY** to resume.

## Adjusting the Volume

Turn **VOLUME/SELECT** dial on the unit to increase/decrease the volume.


## Automatically Setting the Clock

The clock can be set and updated automatically if the unit receives DAB / FM signals in your location. In order for the clock to synchronise to the current local time you must leave it on DAB or FM station for a short period of time. You can also choose how you would like to keep the clock up to date from DAB or FM radio signals. Go to **Menu - System Settings - Time/Date - Auto Update**.

# System Settings

## Setting a Sleep Timer

You can set a sleep timer so if you are listening to your radio and fall asleep, it will automatically switch off at the preset time. The sleep timer can be activated for up to a maximum of 90 minutes.

1. Press **MENU** button, and then turn the **VOLUME/SELECT** dial or press **◀▶▶▶** button to select **System settings**. Press the **VOLUME/SELECT** dial to confirm.
2. Turn the **VOLUME/SELECT** dial or press **◀▶▶▶** button to select **Sleep**. Press the **VOLUME/SELECT** dial to confirm.
3. Turn the **VOLUME/SELECT** dial or press **◀▶▶▶** button to select between **Sleep Timer Off, 15 minutes, 30 minutes, 45 minutes, 60 minutes** or **90 minutes**, and then press **VOLUME/SELECT** dial to confirm.
4. When a sleep timer has been set the  symbol and the remaining sleep time will be displayed.

## Alarm



Ensure the time and date is set before you can activate the alarm function.

### Setting the Alarm

Your radio has two alarms (**Alarm 1** and **Alarm 2**). This is handy so you can set one alarm for workdays and one for weekends. You set both alarms in the same way.

1. Press **MENU** button, and then turn the **VOLUME/SELECT** dial or press **◀▶▶▶** button to select **System settings**. Press the **VOLUME/SELECT** dial to confirm.
2. Turn the **VOLUME/SELECT** dial or press **◀▶▶▶** button to select **Alarm**. Press the **VOLUME/SELECT** dial to confirm.
3. Turn **VOLUME/SELECT** dial or press **◀▶▶▶** button to select **Alarm 1** or **Alarm 2**, and then press **VOLUME/SELECT** dial to confirm.
4. Turn **VOLUME/SELECT** dial or press **◀▶▶▶** button to select options, and then press **VOLUME/SELECT** dial to confirm the setting.

<b>Alarm:</b>	Press <b>VOLUME/SELECT</b> dial to set alarm <b>On</b> or <b>Off</b>
<b>Frequency:</b>	<b>Daily, Once, Weekends</b> or <b>Weekdays</b>
<b>Wake Up time:</b>	<b>00:00</b> (manually set up the time)
<b>Source:</b>	<b>Buzz</b> or <b>Digital Radio, FM</b> (If the wake-up source is <b>Digital Radio</b> and the DAB signal strength is low, the buzz alarm will be triggered.)
<b>Preset:</b>	Last listened or saved preset station (not available for <b>Buzz</b> mode)
<b>Duration:</b>	<b>15/30/45/60/90/120</b> minutes
<b>Alarm volume:</b>	Turn <b>VOLUME/SELECT</b> dial to adjust the alarm volume

5. Press **MENU** button to exit alarm setting. 🕒 or 🕒 icon will show on the display.
6. To temporarily switch off alarm, press **VOLUME/SELECT** dial to activate **Snooze** function when alarm sounds. Press **VOLUME/SELECT** dial repeatedly to set snooze period time of **5, 10, 15** or **30** minutes in turn. The set snooze time will show on the display and unit will go to standby.



The options of Snooze time depends on which alarm duration time you selected.

Alarm duration time	Snooze time
<b>15 minutes</b>	5 or 10 minutes
<b>30 minutes</b>	5, 10 or 15 minutes
<b>45/60/90/120 minutes</b>	5, 10, 15 or 30 minutes

7. To turn off alarm, press **STANDBY** button when alarm sounds.
8. To cancel **Alarm**, refer to steps 1-4 to set alarm **Off**. 🕒 or 🕒 icon will disappear from display.

## Equaliser

Your radio has preset equaliser setting and you can also manually adjust the bass and treble which you can save as your own personal Eq Profile.

1. Press **MENU** button, and then turn the **VOLUME/SELECT** dial or press **◀◀▶▶** button to select **System settings**. Press the **VOLUME/SELECT** dial to confirm.
2. Turn the **VOLUME/SELECT** dial or press **◀◀▶▶** button to select **Equaliser**. Press the **VOLUME/SELECT** dial to confirm.
3. Turn the **VOLUME/SELECT** dial or press **◀◀▶▶** button to select a profile through **Normal, Flat, Classic, Jazz, Pop, Rock, Speech** and **My EQ**, and then press **VOLUME/SELECT** dial to confirm.

### *Adjusting the Bass and Treble*

1. After choosing **My EQ** in the **Equaliser** menu, turn **VOLUME/SELECT** dial or press **◀◀▶▶** button to select **My EQ Setup**, and then press **VOLUME/SELECT** dial to confirm.
2. Turn **VOLUME/SELECT** dial or press **◀◀▶▶** button to select between **Treble** and **Bass**, and then press **VOLUME/SELECT** dial to confirm.
3. Turn **VOLUME/SELECT** dial or press **◀◀▶▶** button to set the value of **Treble** and **Bass** among **-3** to **+3**, and then press **VOLUME/SELECT** dial confirm.

Your setting will now be stored into MY EQ so you can access them at any time.

## Setting the Time and Date

1. Press **MENU** button, and then turn the **VOLUME/SELECT** dial or press **◀▶▶▶** button to select **System settings**. Press the **VOLUME/SELECT** dial to confirm.
2. Turn the **VOLUME/SELECT** dial or press **◀▶▶▶** button to select **Time/Date**. Press the **VOLUME/SELECT** dial to confirm.
3. Turn **VOLUME/SELECT** dial or press **◀▶▶▶** button to select options, and then press **VOLUME/SELECT** dial to confirm the setting.

<b>Set Time/Date</b>	Here you can manually set the time and date.
<b>Auto Update</b>	Choose how you want the time to be automatically updated. <b>from Any / from Digital Radio / from FM / No Update</b>
<b>Set 12/24 Hour</b>	Set <b>12 Hour</b> or <b>24 Hour</b> display.
<b>Set Date Format</b>	<b>DD-MM-YYYY</b> or <b>MM-DD-YYYY</b>

## Backlight

You can set the brightness for the power on screens and the Standby screen.

1. Press **MENU** button, and then turn the **VOLUME/SELECT** dial or press **◀▶▶▶** button to select **System settings**. Press the **VOLUME/SELECT** dial to confirm.
2. Turn the **VOLUME/SELECT** dial or press **◀▶▶▶** button to select **Backlight**. Press the **VOLUME/SELECT** dial to confirm.
3. Turn **VOLUME/SELECT** dial or press **◀▶▶▶** button to select options, and then press **VOLUME/SELECT** dial to confirm the setting.

<b>Timeout</b>	<ul style="list-style-type: none"><li>• On</li><li>• 10 sec</li><li>• 20 sec</li><li>• 30 sec</li><li>• 45 sec</li><li>• 60 sec</li><li>• 90 sec</li><li>• 120 sec</li><li>• 180 sec</li></ul>
<b>Power On Level</b>	<ul style="list-style-type: none"><li>• High</li><li>• Medium</li><li>• Low</li></ul>
<b>Standby Level</b>	<ul style="list-style-type: none"><li>• High</li><li>• Medium</li><li>• Low</li><li>• Off</li></ul>

## Language

This feature enables you to change menu language.

1. Press **MENU** button, and then turn the **VOLUME/SELECT** dial or press **◀▶▶▶** button to select **System settings**. Press the **VOLUME/SELECT** dial to confirm.
2. Turn the **VOLUME/SELECT** dial or press **◀▶▶▶** button to select **Language**. Press the **VOLUME/SELECT** dial to confirm.
3. Turn **VOLUME/SELECT** dial or press **◀▶▶▶** button to select a language, and then press **VOLUME/SELECT** dial to confirm.

## Factory Reset

If you want to delete all your stations and settings, you can return your radio back to the default setting by running a **Factory Reset**.

1. Press **MENU** button, and then turn the **VOLUME/SELECT** dial or press ◀▶▶ button to select **System settings**. Press the **VOLUME/SELECT** dial to confirm.
2. Turn the **VOLUME/SELECT** dial or press ◀▶▶ button to select **Factory Reset**. Press the **VOLUME/SELECT** dial to confirm.
3. Turn the **VOLUME/SELECT** dial or press ◀▶▶ button to select **Yes**. Press the **VOLUME/SELECT** dial to confirm.



After factory reset, all tuned stations, preset stations and alarm settings will be erased then your radio will switch back on.

## Software version

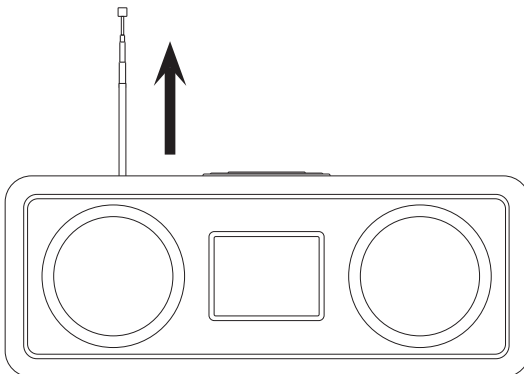
This information may be requested when dealing with technical support issues.

1. Press **MENU** button, and then turn the **VOLUME/SELECT** dial or press ◀▶▶ button to select **System settings**. Press the **VOLUME/SELECT** dial to confirm.
2. Turn the **VOLUME/SELECT** dial or press ◀▶▶ button to select **Software Version**. Press the **VOLUME/SELECT** dial to confirm.



# DAB Operation

The first time you use DAB make sure the aerial is fully extended before selecting DAB mode, because your radio will automatically scan for DAB radio stations. If the aerial is not fully extended your radio will not tune in properly.

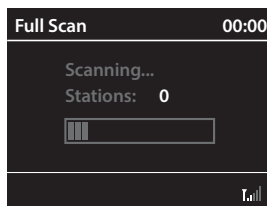


During the scan the display will show **Scanning ...** together with a slide bar that indicates the progress of the scan and the amount of stations that have been found so far.

Once the scan has finished, the unit will broadcast the first alphanumerically found station.

Press **◀▶▶** button to select a scanned DAB station, and then press **VOLUME/SELECT** to confirm.

In **DAB** mode, press **MENU** to display the **Digital Radio** menu. The menu items are as follows:



<b>Station list</b>	Show the list of all radio stations.
<b>Full Scan</b>	Select <b>Full Scan</b> in the menu and then press <b>VOLUME/SELECT</b> dial to scan for DAB radio stations.
<b>Manual tune</b>	Select <b>Manual Tune</b> to manually tune in radio stations that may have been missed by the Full Scan.
<b>DRC (Dynamic Range Compression)</b>	If you are listening to music with high dynamic range in a noisy environment, you may wish to compress the audio dynamic range. Select <b>High</b> , <b>Low</b> or <b>Off</b> .

## DAB Full Scan

The **Full Scan** will search for the entire DAB Band III channels. After the scan has finished, the first alphanumerically found station will be automatically selected.



Full scan will not replace the DAB stations in memory. If you want to remove all the previous scanned stations, Factory Reset is required.

1. Press **MENU** button, and then turn the **VOLUME/SELECT** dial or press **◀▶▶** button to select **Full Scan**. Press the **VOLUME/SELECT** dial to confirm.
2. The display will show **Scanning ... Stations: ##** and a progressing slide bar.
3. Press **◀▶▶** button to select a scanned DAB station in the **Station List**, and then press **VOLUME/SELECT** to confirm.

## Secondary Services

You may see a **>>** symbol after the name of the station, this indicates that there are secondary services available to that station. These secondary services contain extra services that are related to the primary station. e.g. a sports station may want to add extra commentaries. The secondary services are inserted directly after the primary station in the station list.

To select the secondary station, turn **VOLUME/SELECT** dial on the unit until you find the secondary service you want, then press **VOLUME/SELECT** dial on the unit to select it.

When the secondary service ends, the unit will automatically switch back to the primary station.

## Manually Tuning In DAB Radio Stations

As well as the auto scan function, you can manually tune them in. You will need to know which multiplex the station you are looking for is in.

1. Press **MENU** button, and then turn the **VOLUME/SELECT** dial or press **◀▶▶** button to select **Manual Tune**. Press the **VOLUME/SELECT** dial to confirm.
2. Turn the **VOLUME/SELECT** dial or press **◀▶▶** button to select a multiplex. You will now see the Strength of the signal for your chosen multiplex. You won't hear anything at the moment.
3. Now view the **Station List** and you will find any new radio stations that have been manually tuned in.

Manual Tune	10:45
5A 174.928MHz	>
5B 176.640MHz	>
5C 178.352MHz	>
5D 180.064MHz	>
6A 181.936MHz	>
6B 183.648MHz	>
6C 185.360MHz	>

Manual Tune	10:45
5A 174.928MHz	
Strength	
<input type="text"/>	<input type="text"/>

## DRC Setting

You can set the DRC (Dynamic Range Compression) to High, Low or Off. This will reduce the volume of loud sounds and increase the volume of quiet sounds.

1. In the menu select **DRC**.
2. Turn the **VOLUME/SELECT** dial to select **HIGH / LOW / OFF**, and then press **VOLUME/SELECT** to confirm.

## Saving Preset Stations

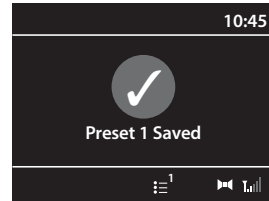
You can store up to 10 of your favourite stations to the memory. This will enable you to access your favourite stations quickly and easily.

### Presets 1-3

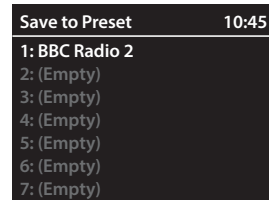
To store a preset, you must first be listening to the station that you would like to save. If you want to store the station in preset positions 1 - 3 press and hold the Preset (**1, 2 or 3**) buttons for 2 seconds. The words "Preset # Saved" will show on the display.

### Presets 1-10

1. Press and hold the **4+** button for 2 seconds. The "**Save to Preset**" list will show on the display.
2. Turn the **VOLUME/SELECT** dial or press **<<>>** button to select the preset position that you would like to store the station in then press the **VOLUME/SELECT** dial to save the station. The words "**Preset # Saved**" will show on the display.



Shows that you are listening to a preset station



## Recalling a Preset Station

### Recall Presets 1-3

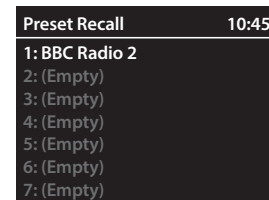
To recall preset stations that are stored in positions 1-3 just press the PRESET 1, 2 or 3 buttons.

### Recall Presets 1-10

1. Press **4+** button, the **Preset Recall** list will be displayed. Turn the **VOLUME/SELECT** or press **<<>>** button dial to select your desired preset station number.
2. Press the **VOLUME/SELECT** dial to listen to the selection.



If you choose a preset that hasn't been allocated a station, "**Preset Empty**" will be displayed.



The symbol will appear in the display to show which preset station number you are listening to.

## DAB Display Modes

Every time you press **INFO** on the unit, the display will cycle through the following display modes.

The information is displayed on the lower segment of the display.

### **DLS (Dynamic Label Segment)**

Dynamic label segment is a scrolling message that the broadcaster may include with their transmissions. The message usually includes information, such as program details etc.

### **Programme Type**

This describes the style of the programme that is being broadcast.

### **Multiplex Name / Frequency**

A multiplex is a collection of radio stations that are bundled and transmitted on one frequency. There are national and local multiplexes. Local ones contain stations that are specific to that area.

The frequency of the present station will be displayed.



DAB – unlike normal radio, groups together several radio stations and transmits them on one frequency.

### **Signal Error/ Signal Strength**

The error is shown as a number. If the number is 0, it means the signal received is error free and the signal strength is strong. If the error rate is high, it is recommended to reposition the radio aerial or reposition the unit.

The display will show a slide bar to indicate the signal strength, the stronger the signal, the longer the bar will be from left to right.

### **Bit Rate / Codec / Channels**

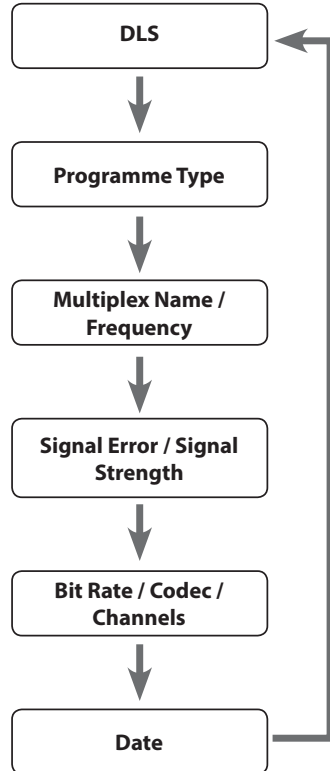
The display will show the digital audio bit rate being received with additional information about the audio codec and channel configuration.

### **Date**

This displays the current date provided automatically by the broadcaster.



To view station information while the display is playing full screen pictures, press **VOLUME/SELECT** dial to minimize picture, and then you can press **INFO** repeatedly to view information. Press **VOLUME/SELECT** dial a second time to play full screen pictures.



# FM Operation

Press **MODE** button repeatedly to select **FM** mode.

-Or-

Press **MODE** button and then turn the **VOLUME/SELECT** dial to select the **FM** mode. Press **VOLUME/SELECT** dial to confirm.

## Auto Scan

While listening to an FM station, press and hold **◀▶▶▶** button to perform auto scan. Once a station has been found, the scanning will stop automatically.

-Or-

Press **◀▶▶▶** button, and then press **VOLUME/SELECT** dial. Your radio will search forwards or backwards until it reached the next available station.

## Manual Tune

To tune FM frequency manually, press **◀▶▶▶** button repeatedly until your desired frequency is reached.



Each turn will adjust the frequency by 0.05MHz. If reception is still poor, adjust the position of the DAB/FM aerial or try moving the radio to another location.

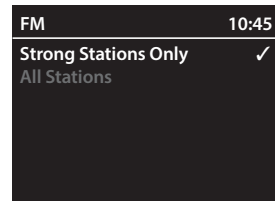
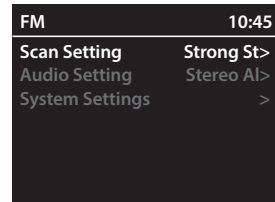
## Scan Setting

In the **Scan Settings** menu you can choose if you want your radio to tune to **Strong Stations Only** or select **All Stations**, and it will try to tune to all stations, however some may be very weak.

1. In **FM** mode, press **MENU** to display the **FM** menu.
2. Turn **VOLUME/SELECT** dial to select **Scan setting** and then press **VOLUME/SELECT** dial to confirm.

You'll now be asked if you want to scan for strong stations only or not.

3. Turn **VOLUME/SELECT** dial to select **Strong Stations Only** or select **All Stations**, then press **VOLUME/SELECT** dial to confirm.



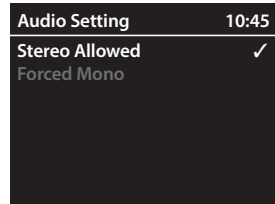
## Audio Setting

If you find that the station you are listening is not clear, you can select to listen to it in MONO this can often clear up some of the static.

1. In **FM** mode, press **MENU** to display the **FM** menu.
2. Turn **VOLUME/SELECT** dial to select **Audio setting** and then press **VOLUME/SELECT** dial to confirm.

You'll now be asked if you want to listen in MONO only or not.

3. Turn **VOLUME/SELECT** dial to select Stereo Allowed or Forced Mono, then press **VOLUME/SELECT** dial to confirm.



## Saving Preset Stations

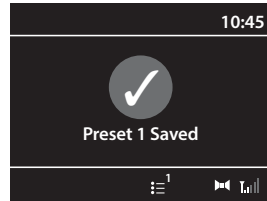
You can store up to 10 of your favourite stations to the memory. This will enable you to access your favourite stations quickly and easily.

### Presets 1 -3

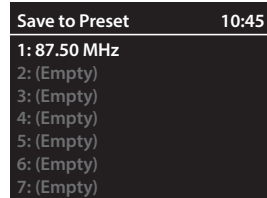
To store a preset, you must first be listening to the station that you would like to save. If you want to store the station in preset positions 1 - 3 press and hold the PRESET (1, 2 or 3) buttons for 2 seconds. The words "**Preset # Saved**" will show on the display.

### Presets 1 -10

1. Press and hold the PRESET 4+ button for 2 seconds. The "**Save to Preset**" list will show on the display.
2. Turn the **VOLUME/SELECT** dial to select the preset position that you would like to store the station in then press the **VOLUME/SELECT** dial to save the station. The words "Preset # Saved" will show on the display.



Shows that you are listening to a preset station



## Recalling a Preset Station

### Recall Presets 1-3

To recall preset stations that are stored in positions 1-3 just press the PRESET 1, 2 or 3 buttons.

### Recall Presets 1-10

1. Press Preset 4+, the **Preset Recall** list will be displayed. Turn the **VOLUME/SELECT** dial to select your desired preset station number.
2. Press the **VOLUME/SELECT** dial to listen to the selection.



If you choose a preset that hasn't been allocated a station, "**Preset Empty**" will be displayed.

The symbol will appear in the display to show which preset station number you are listening to.

## FM Display Modes

Every time you press **INFO** on the unit, the display will cycle through the following display modes.

The information is displayed on the lower segment of the display.

### **Radio Text**

The broadcaster can include a message that displays information about the current programme.

### **Programme Type**

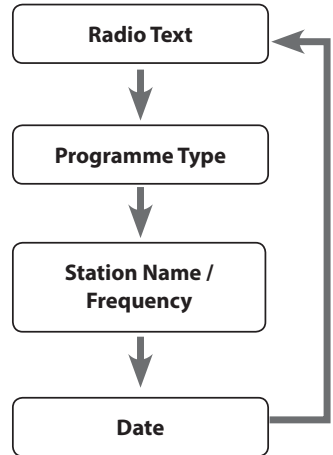
This describes the "Style" or "Genre" of music that is being broadcast.

### **Station Name / Frequency**

When an RDS station is received, the name of that station will be displayed, or if not the frequency will be displayed.

### **Date**

This displays the current date provided automatically by the broadcaster.





# Bluetooth® Operation

---

You can play music from a Bluetooth device through your radios speakers using Bluetooth mode. First you must pair your Bluetooth device to your radio.

## **Pairing with a Bluetooth device**

1. Select **Bluetooth** mode.
2. Activate Bluetooth on your device i.e. mobile phone and look for your radios mode number in the Bluetooth list (**RA-D77M**). Once the Bluetooth device is connected with the unit, the display will show **Bluetooth Connected**.



On some Bluetooth devices you may be asked to enter a password enter '0000'.

## **Playing Music via Bluetooth**

- You may need to adjust the volume on your radio and Bluetooth device.
- Press **VOLUME/SELECT** to play/pause music
- Press **▶▶** to skip to the next track, press and hold to fast forward through a track.
- Press **◀◀** to skip to the start of the current track or to previous tracks. Press and hold to go backward through a track.

## **Disconnecting a Bluetooth Device**

You can disconnect your device in two ways, either from the radio or from your Bluetooth device.

To disconnect from a Bluetooth device from your radio, press the **MENU** button. Select **Discoverable** and press **VOLUME/SELECT** button. Your Bluetooth device will be disconnected, and the display will show **Bluetooth Ready**. The unit will go back into pairing mode. The Bluetooth logo on the screen will be flashing.

## AUX IN Operation

---

1. Before connecting to the mains socket, use the 3.5mm audio stereo cable (not included) to connect to your external audio device through the **AUX IN** socket at the rear of the unit.



- When connecting the external audio device, refer to the owner's manual of the external device, as well as this manual.
- Examples of external audio devices that can be connected to the unit are: Portable MP3 Players, Cassette Players, Mini Disc Players, DVD players, etc.

2. Connect the mains cable to the mains socket. Press **⏻ STANDBY** to switch the unit on.
3. Select **Auxiliary Input** mode.
4. In **Aux in** mode, you may operate your audio device directly for playback features.
5. Turn **VOLUME/SELECT** dial on the unit to increase/decrease the volume.
6. When you have finished listening, turn off the power of the connected external audio device. Press **MODE** on the unit to return to **DAB** or **FM** mode, especially if wake up alarms are programmed.

## Maintenance

---

### Cleaning the Unit



Ensure the unit is fully unplugged from the mains socket before cleaning.

- To clean the unit, wipe the case with a slightly moist, lint-free cloth.
- Do not use any cleaning fluids containing alcohol, ammonia or abrasives.
- Do not spray aerosol at or near the unit.

# Hints and Tips

If a problem does occur, it may often be due to something very minor. The following table contains various tips. If you require additional assistance

- For UK, please call our UK Call Centre on **0344 561 1234**.
- For Ireland, please call our Ireland Call Center on **1 890 818 575**.

## General

Problem	Solution
No power.	<ul style="list-style-type: none"><li>• Ensure the mains plug is connected.</li><li>• Make sure that you select the <b>ON</b> mode.</li></ul>
No sound from the unit.	Please try either one of the solutions below: <ul style="list-style-type: none"><li>• Make sure that the unit is not muted. Turn the <b>VOLUME/SELECT</b> dial on the unit to resume normal listening.</li><li>• Press <math>\Phi</math> on the unit to switch the unit to standby mode. Then press the button again to switch the unit on.</li><li>• Unplug the unit from the mains socket, then plug them again. Switch on the unit.</li></ul>
The unit does not respond when pressing any buttons.	<ul style="list-style-type: none"><li>• The unit may freeze up during use. Switch the unit off and then on again at the mains socket to reset the unit.</li></ul>

## Radio DAB/FM

Problem	Solution
Poor radio reception.	<ul style="list-style-type: none"><li>• Make sure the DAB/FM aerial is fully extended.</li><li>• Electrical interference in your home can cause poor reception. Move the unit away from them (especially those with motors and transformers).</li></ul>
Desired station not found.	<ul style="list-style-type: none"><li>• Weak signal. Search manually.</li><li>• If reception is still poor, adjust the position of the aerial.</li></ul>

## Bluetooth®

Problem	Solution
I cannot find "RA-D77M" on my Bluetooth® device.	<ul style="list-style-type: none"><li>• Ensure that the unit is switched on.</li><li>• Ensure that the Bluetooth® function is activated on your Bluetooth® device.</li><li>• The unit has a Bluetooth® function that can receive a signal within 10 metres. Keep a distance within 10 metres between the unit and your Bluetooth® device.</li></ul>
Can't hear the music	<ul style="list-style-type: none"><li>• You may need to increase the volume on the Bluetooth device.</li></ul>



If any functional abnormality is encountered, unplug the unit from the mains socket and reconnect it again.

# Product Fiche and Specifications

<b>Brand</b>	<b>JVC</b>	
<b>Model</b>	<b>RA-D77M</b>	
<b>Mains Adapter</b>		
<b>Mains Adapter Model</b>	GPE024W-120200-3	
<b>Mains Adapter Manufacturer</b>	Golden Profit Electronics Ltd	
<b>System Section</b>		
<b>Power Supply</b>	100 - 240 V ~ 50/60 Hz	
<b>Power Consumption</b>	24 W	
<b>Speaker Output Power</b>	5 W RMS × 2	
<b>Working Environment - Temperature</b>	0 ~ 35 °C	
<b>Working Environment - Relative Humidity</b>	5% ~ 80%	
<b>Net Weight</b>	2.3 kg	
<b>Unit Dimension (W) × (D) × (H)</b>	330 mm × 147 mm × 135 mm	
<b>Bluetooth®</b>	<b>Bluetooth® Version</b>	Bluetooth® 4.0
	<b>Maximum transmitted power</b>	7 dBm
	<b>Frequency Band</b>	2401.75 - 2480.25 MHz
<b>Radio Section</b>		
<b>Frequency Range</b>	FM 87.50 – 108.00 MHz DAB 174.928 - 239.200 MHz	

Features and specifications are subject to change without prior notice.

# Useful Information and Licences



For general information about this appliance and handy hints and tips, please visit [www.knowhow.com/knowledgebank](http://www.knowhow.com/knowledgebank) or call UK: **0344 561 1234** Ireland: **1890 818 575**.



Visit [Partmaster.co.uk](http://Partmaster.co.uk) today for the easiest way to buy electrical spares and accessories. With over 1 million spares and accessories available we can deliver direct to your door the very next day. Visit [www.partmaster.co.uk](http://www.partmaster.co.uk) or call 0344 800 3456 (UK customers only). Calls charged at National Rate.



This radio is future-ready because it contains DAB, FM and DAB+ which is a future technology standard being adopted across Europe



The symbol on the product or its packaging indicates that this product must not be disposed of with your other household waste. Instead, it is your responsibility to dispose of your waste equipment by handing it over to a designated collection point for the recycling of waste electrical and electronic equipment. The separate collection and recycling of your waste equipment at the time of disposal will help conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment.

For more information about where you can drop off your waste for recycling, please contact your local authority, or where you purchased your product.

The *Bluetooth*® word mark and logos are registered trademarks owned by the Bluetooth SIG, Inc. and any use of such marks by DSG Retail Limited is under license. Other trademarks and trade names are those of their respective owners

All trademarks are the property of their respective owners and all rights are acknowledged.





Dear Customer,

This apparatus is in conformance with the valid European directives compatibility and electrical safety.

European representative of the manufacturer is:

DSG Retail Ltd. (co. no. 504877)

1 Portal Way, London, W3 6RS, UK

**For Help and Support Call**

**UK: 0344 561 1234**

**Ireland: 1890 818 575**

The product is distributed and warranted exclusive by DSG Retail Ltd.

"JVC" is the trademark of JVC KENWOOD Corporation,  
used by DSG Retail Ltd. under license.

(IB-RA-D77M-170608V2)