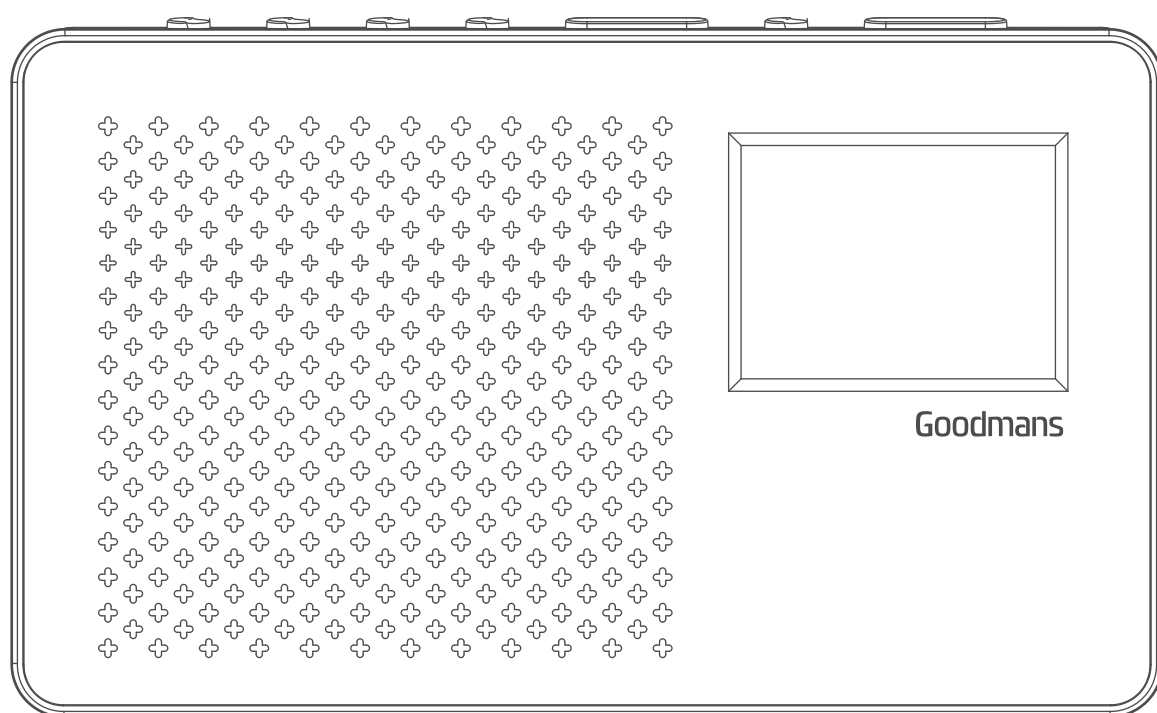


CANVAS2



MODEL: CANVASSTE / CANVASCOP / CANVASSLT
Digital Radio with FM and Colour Screen

USER MANUAL



Goodmans

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1 Welcome



Thank you for choosing this Goodmans product. We've been making electronics for the British people for 70 years. Each of our projects has been carefully designed to be great at what it does and this one is no exception. We hope you enjoy your new CANVAS2 DAB Digital Radio.

2 Your DAB Digital Radio

2.1 In The Box

Carefully remove your DAB Digital Radio from the box.

Inside the box you will find:

- DAB Digital Radio
- Mains power supply lead
- Quick Start Guide
- Guarantee Booklet

If any of these items are missing contact
Customer Support at www.goodmans.co.uk/support



Mains Power

Your DAB/FM Radio requires a mains supply of 230V AC ~ 50 Hz. Please ensure that your mains supply is compatible before use. Disconnect the Power Cord from the mains when not in use.

Position of DAB Digital Radio

Place on a flat, stable surface that is not subject to vibrations. Avoid the following locations:

- Where it is exposed to direct sunlight
- Where it is close to heat radiating sources
- Where the humidity is high and ventilation is poor
- Where it is dusty

Adjusting the Aerial

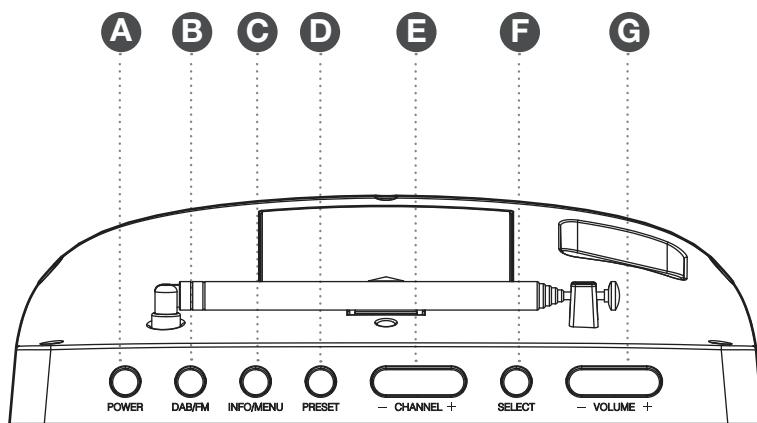
Fully extend the aerial to ensure good reception in both DAB and FM Radio modes. It may be necessary to alter the position of the DAB Digital Radio and/or the aerial to achieve the best signal.

Using Headphones

Headphones require a 3.5mm diameter stereo plug and an impedance of 8-32 ohms. Headphones are not supplied with this DAB Digital Radio.

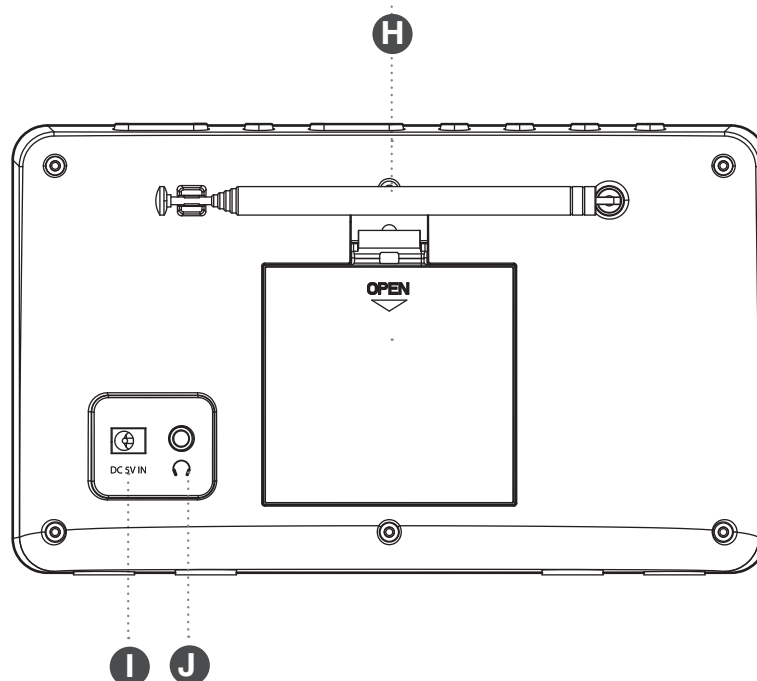
2.2 Front View

- A POWER button**
Press to switch between ON and Standby.
- B DAB/FM button**
Press to switch between DAB and FM mode.
- C INFO/MENU button**
Short press to view station information. Or press and hold to display menu options.
- D PRESET**
Press and hold to save a station as a preset, or press to recall a saved preset station.
- E Channel -/+ button**
- F Select button**
- G Volume -/+ button**



2.3 Rear View

- H Aerial**
- I DC-In socket**
Used to connect the DAB Digital Radio to the mains power supply.
- J Headphone socket**
Used to connect the DAB Digital Radio to the hheadphone.



**TAKE CARE WITH
LIVE ELEMENTS**

3 Quick Set Up



3.1 Power On and Autoscan

1. Connect the power cable to the DAB Radio and mains supply, or insert 4 x AA batteries into the battery compartment.

Note: There is not standby mode during using the battery only.

2. Raise and extend the aerial.
3. Turn Canvas2 on by pressing the POWER button.

The first time the radio is switched on, it will start up in DAB mode. It will automatically scan for the available radio stations.

3.2 Changing DAB Stations

In the DAB mode, the CHANNEL button allows you to navigate between different stations. Press SELECT to choose the one you want to listen to.

3.3 Adjusting the Volume

Press the VOLUME button to increase or decrease volume respectively.

3.3 Switching Off

The POWER button allows you to turn on the radio and switch to standby. You need to unplug the power supply to switching off the DAB radio.

4 Features

DAB/FM button

4.1 Switching to DAB/FM Mode

1. If the DAB Digital Radio is in DAB mode, press the DAB/FM button repeatedly until FM is shown on the display.
2. Once in FM mode, your DAB Digital Radio will tune to the start of the available FM range (87.50MHz) or the last FM station listed to fig.2.
3. To manually change the FM frequency, make sure that you have not selected any other sub-menus. Turn the TUNE/SELECT dial to change the frequency by 0.05MHz.



fig.2

INFO button

4.2 View Station Information

Press the INFO/MENU button repeatedly to display information about the station you are on.

4.3 Changing the DAB or FM Display Information

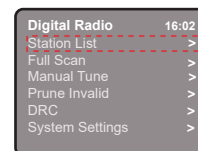
Press the INFO/MENU button repeatedly to display information about the station you are on.

MENU button



4.4 Station List (DAB)

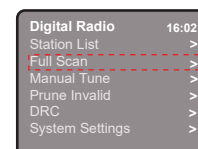
1. Press and hold the INFO/MENU button to enter the menu.
2. Press CHANNEL button to choose Station List and press SELECT button to confirm.
3. Press CHANNEL button to choose the station you want listen to and press SELECT button to confirm.



4.5 Full Scan (DAB)

Press the INFO/MENU button repeatedly to display information about the station you are on.

1. Press and hold the INFO/MENU button to enter the menu.
2. Press CHANNEL button to choose Full Scan and press SELECT button to confirm.

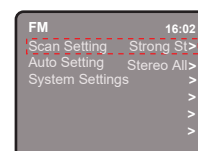


Note: If no station is found, it shows No Station found. For a Better reception, extend the antenna or do the full scan again in another place.

4.6 Scan Setting (FM)

By default, FM scans stop at any available station (All station). This may result in poor quality audio from weak station.

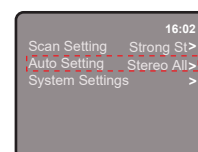
1. Press and hold the INFO/MENU button to enter the menu.
2. Press CHANNEL button to choose Scan Setting and press SELECT button to confirm.
3. Press CHANNEL button to select and press SELECT button to confirm the change of particular option.



4.7 Audio Setting (FM)

By default, all stereo stations are reproduced in stereo. For weak stations, this may result in poor quality audio. The audio quality can be improved using mono.

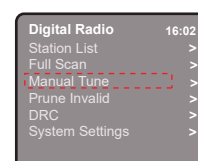
1. Press and hold the INFO/MENU button to enter the menu.
2. Press CHANNEL button to choose Audio Setting and press SELECT button to confirm.
3. Press CHANNEL button to select and press SELECT button to confirm the change of particular option.



4.8 Manual Tune

As well as the normal method of scanning, you can also manually tune to a particular channel or frequency. This can be useful for adjusting your antenna to achieve the best possible reception and scanning a particular channel to update the station list.

1. Press and hold the INFO/MENU button to enter the menu.
2. Press CHANNEL button to choose Manual Tune and press SELECT button to confirm.
3. Press CHANNEL button to select and press SELECT button to confirm the change of particular option.

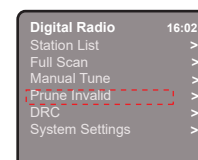


4.9 Prune Invalid (remove stations that are listed but unavailable)



This removes all invalid stations indicated in the station list with 'a' '?' in front of the station name.

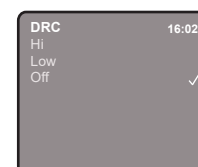
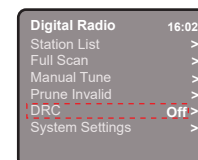
1. Press and hold the INFO/MENU button to enter the menu.
2. Press CHANNEL button to choose Prune Invalid and press SELECT button to confirm.
3. Press CHANNEL button to select yes and press SELECT button to confirm.



4.10 DRC (Dynamic Range Control)

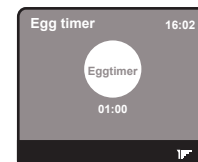
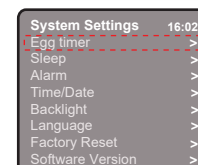
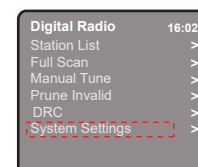
This function reduces the difference between the loudest and Quietest audio being broadcast. Effectively, this makes quiet sounds comparatively louder, and loud sounds comparatively quieter. Options: off (default) / low / high

1. Press and hold the INFO/MENU button to enter the menu.
2. Press CHANNEL button to choose DRC and press SELECT button to confirm.
3. Press CHANNEL button to select and press SELECT button to confirm the change of particular option.



4.11 Set Egg timer

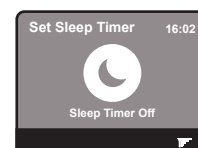
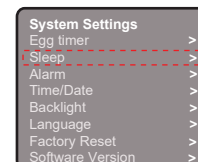
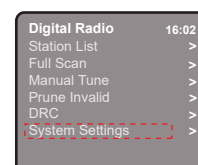
1. Press and hold the INFO/MENU button to enter the menu.
 2. Press CHANNEL button to choose System Settings and press SELECT button to confirm.
 3. Press CHANNEL button to choose Egg Timer and press SELECT button to confirm.
 4. Press CHANNEL button to select increase or decrease minutes (1-99) and press SELECT button to confirm start count down.
- Note: press POWER button to turn off the alarm.



4.12 Set Sleep

Sleep options: Sleep Off | 15 | 30 | 45 | 60 | 90

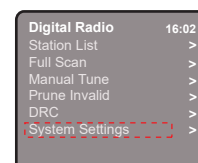
1. Press and hold the INFO / MENU button to enter the menu.
2. Press CHANNEL button to choose System Settings and press SELECT button to confirm.
3. Press CHANNEL button to choose Sleep and press SELECT button to confirm.
4. Press CHANNEL button to select and press SELECT button to confirm the change of particular option, and start count down.



4.13 Set Alarm

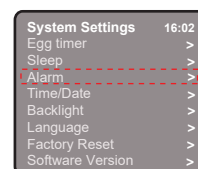
There are two alarms that can be used for the system. You can set the alarm in the DAB mode or FM mode.

1. Press and hold the INFO / MENU button to enter the menu.
Press CHANNEL button to choose System Settings and press SELECT button to confirm.



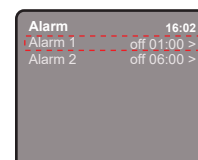


2. Press CHANNEL button to choose Alarm and press SELECT button to confirm.
3. Press CHANNEL button to choose Alarm 1 or Alarm 2, and press SELECT button to confirm.
4. Now you can see a list of selection, press CHANNEL button to choose and press SELECT button to enter the change of particular option:



4.1 Alarm On/ Off

Press SELECT button to choose On or Off directly.

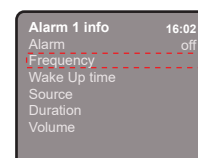


4.2 Frequency

Press CHANNEL button to choose below options and Press SELECT button to confirm.

*Daily / Weekends / Weekdays => go to 4.3 option 1

*Once => go to 4.3 Option 2

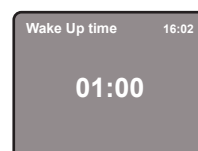
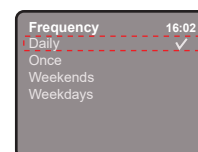


4.3 Option 1: Wake Up time

4.3.1. Press SELECT button and the Hour part will flash.

Press CHANNEL button to set the hour for alarm, press SELECT to confirm.

4.3.2. The Minute part will flash. Press CHANNEL button to set the minute for alarm, press SELECT to confirm.



Option 2: Date/Time

4.3.3. Press SELECT button and the Day part will flash.

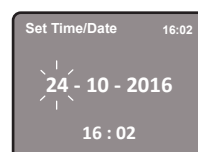
Press CHANNEL button to set the day for alarm, press SELECT to confirm.

4.3.4. The Month part will flash. Press CHANNEL button to set the month for alarm, press SELECT to confirm

4.3.5. The Year part will flash. Press CHANNEL button to set the year for alarm, press SELECT to confirm

4.3.6. The Hour part will flash. Press CHANNEL button to set the hour for alarm, press SELECT to confirm

4.3.7. The Minute part will flash. Press CHANNEL button to set the minute for alarm, press SELECT to confirm

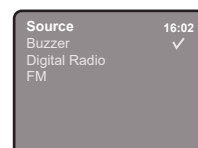


4.4 Source

Press CHANNEL button to choose below options and Press SELECT button to confirm.

*Buzzer => go to 4.5

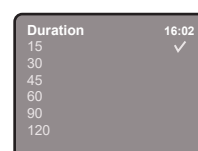
*Digital Radio / FM => go to 4.6 Preset



4.5 Duration

Press CHANNEL button to choose below options and Press SELECT button to confirm.

15 / 30 / 45 / 60 / 90 / 120 minutes

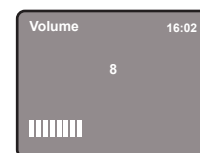


4.6 Preset (Last Listened)



4.7 Volume

Press CHANNEL button to increase or decrease the Volume from 9 to 32 max.



4.8 After completing the settings, press INFO/MENU button back to the System Settings. Press CHANNEL button to choose Alarm, and press SELECT button to enter.

4.9 Now you can see the status of the Alarm 1 and Alarm 2. It shows On or Off, and time on the left.

During the process of setting the alarm, you can press INFO/MENU button once exit to System Settings without Saving.

5. Alarm ringing

When the alarm is ringing, it will enter standby mode if the sound source you selected was Buzzer.

If the sound source you selected was DAB or FM station, the radio will go to that station automatically.

The volume will increase gradually to reach the level you have set.

6. Stop the alarm

You can stop the alarm by press POWER button.

The screen will show Alarm off. The radio will go to standby mode.

7. Snooze function

You can also press SELECT button to Snooze function.

The alarm will temporarily stop, exit to standby mode and go snooze function.

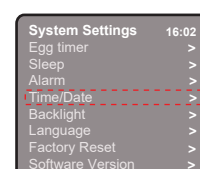
It will show the snooze time. You can set the snooze time to 5 or 10 minutes by press SELECT button continuously until you see the correct time.

Then the radio will temporary stop and exit to standby mode.

When the radio start playing again, you can press the SELECT button to stop it

4.14 Set Time/Date

1. Press and hold the INFO/MENU button to enter the menu. Press CHANNEL button to choose System Settings and press SELECT button to confirm.
2. Press CHANNEL button to choose Time/Date and press SELECT button to confirm.

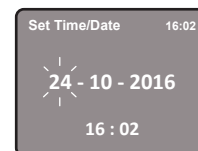
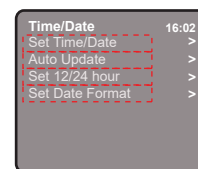




3. Now you can see a list of selection, press CHANNEL button to choose and press SELECT button to enter the change of particular option:

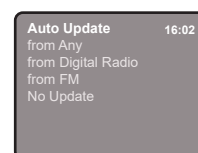
3.1 Set time/date

- 3.1.1. Press SELECT button and the Day part will flash.
Press CHANNEL button to set the day for alarm, press SELECT to confirm.
- 3.1.2. The Month part will flash. Press CHANNEL button to set the month for alarm, press SELECT to confirm
- 3.1.3. The Year part will flash. Press CHANNEL button to set the year for alarm, press SELECT to confirm
- 3.1.4. The Hour part will flash. Press CHANNEL button to set the hour for alarm, press SELECT to confirm
- 3.1.5. The Minute part will flash. Press CHANNEL button to set the minute for alarm, press SELECT to confirm



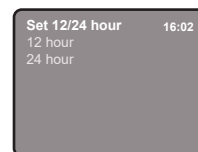
3.2 Auto Update

Press the CHANNEL button to choose the time update source <from any> / <from Digital Radio> / <from FM> / <No update >, and press SELECT button to confirm.



3.3 Set 12 / 24 Hour

Press CHANNEL button to choose <12 Hour> / <24 Hour> for time display, and press SELECT button to confirm.



3.4 Set date format

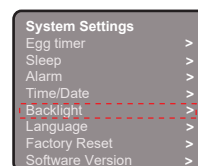
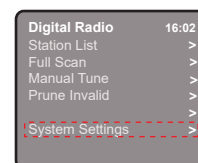
Press CHANNEL button to select <DD-MM-YYYY> / <MM-DD-YYYY> for date display format, and press SELECT button to confirm.



4.15 Set Backlight

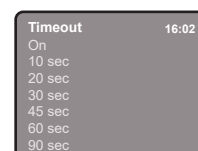
This radio display has a backlight with adjustable timeout (this is the time delay, in seconds, after which the display switches off).

1. Press and hold the INFO/MENU button to enter the menu.
Press CHANNEL button to choose System Settings and press SELECT button to confirm.
2. Press CHANNEL button to choose Backlight and press SELECT button to confirm.
3. Now you can see a list of selection, press CHANNEL button to choose and press SELECT button to enter the change of particular option:



3.1 Timeout options:

On / 10 / 20 / 30 / 45 / 60 / 90 / 120 / 180 seconds
In Backlight menu press CHANNEL button to select a particular options and press SELECT button to confirm.



3.2 On Level (when you listening radio)

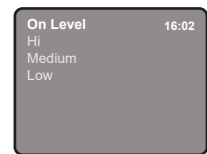
High / Medium / Low

In Backlight menu press CHANNEL button to select a particular options and press SELECT button to confirm.

3.3 Dim Level (standby mode)

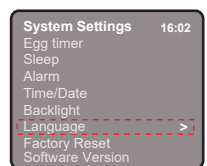
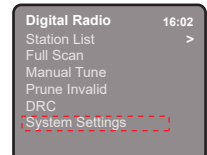
High / Medium / Low

In Backlight menu press CHANNEL button to select a particular options and press SELECT button to confirm.



4.16 Set Language

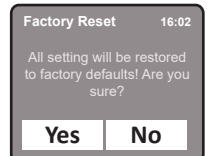
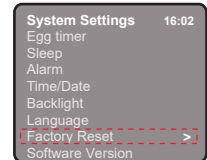
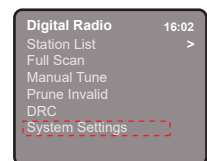
1. Press and hold the INFO/MENU button to enter the menu.
Press CHANNEL button to choose System Settings and press SELECT button to confirm.
2. Press CHANNEL button to choose Language and press SELECT button to confirm.
3. Now you can see a list of selection, press CHANNEL button to choose and press SELECT button to enter the change of particular option:
Options: English / French / Dutch / Italian



4.17 Factory Reset

A factory reset clears all user defined settings, replacing them with the original default values, so time/date, preferences/settings, DAB station list and preset stations are all lost. If you select Factory reset, you are asked to confirm by selecting YES.

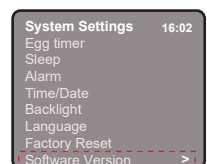
1. Press and hold the INFO / MENU button to enter the menu.
Press CHANNEL button to choose System Settings and press SELECT button to confirm.
2. Press CHANNEL button to choose Factory Reset and press SELECT button to confirm.
3. Now you can see a list of selection, press CHANNEL button to choose and press SELECT button confirm.



4.18 SW Version (Software Version)

This displays the current software version.

1. Press and hold the INFO / MENU button to enter the menu.
Press CHANNEL button to choose System Settings and press SELECT button to confirm.
2. Press CHANNEL button to choose Software Version and press SELECT button to confirm.

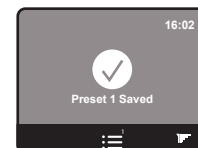
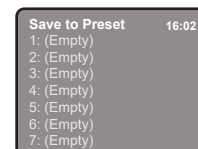


PRESET button



4.19 Storing DAB / FM Presets

To store presets you need to select the station you would like to store using CHANNEL button and then hold down PRESET button for 1-2 seconds until Save to Preset is shown on the display. You then use the CHANNEL button to choose which preset number you would like to save the channel in between 1-40 and use SELECT button to store the station in the desired preset location.



4.20 Selecting a Preset Station


To Recall presets press PRESET button, Preset Recall is shown on The display. You can scroll through the Saved presets by using CHANNEL button. To select a preset station to listen to press the SELECT button.



5 Troubleshooting



Problem	What to do
There is no sound from my radio	<p>Check that the volume is not set to the minimum.</p> <p>Make sure that the radio has been able to locate DAB/FM stations.</p>
The display shows 'NO SERVICES AVAILABLE' in DAB mode	<p>Make sure that DAB coverage exists in your area.</p> <p>Try adjusting the position of the aerial or location of the radio.</p>
Poor reception	<p>As with any radio service, there will be areas of weak signal that may cause poor reception. Follow the instructions for Manual Tuning on 4.11 and adjust the aerial while monitoring the signal strength until the optimum signal is obtained. If reception is still poor, try re-locating the radio to another part of the room.</p>
Some of the buttons on the DAB Digital Radio are not working	<p>This may be caused by electrostatic discharge. Turn the DAB Digital Radio off, disconnect the mains plug and reconnect after a few seconds.</p>

Model Number	GSR1889DABBT 
Adapter	DC 5 V, 1000mA
Speaker Output Power	1 W x 1
Frequency Range	FM: 87.5-108MHz DAB: 174.928 - 239.200MHz
LCD Display	High Resolution Display
Max Power Consumption	5 W
Dimensions	185mm (W) x 57mm (D) x 112mm (H)

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Customer Support

For all product support, warranty or returns;
please go to **www.goodmans.co.uk/support**

