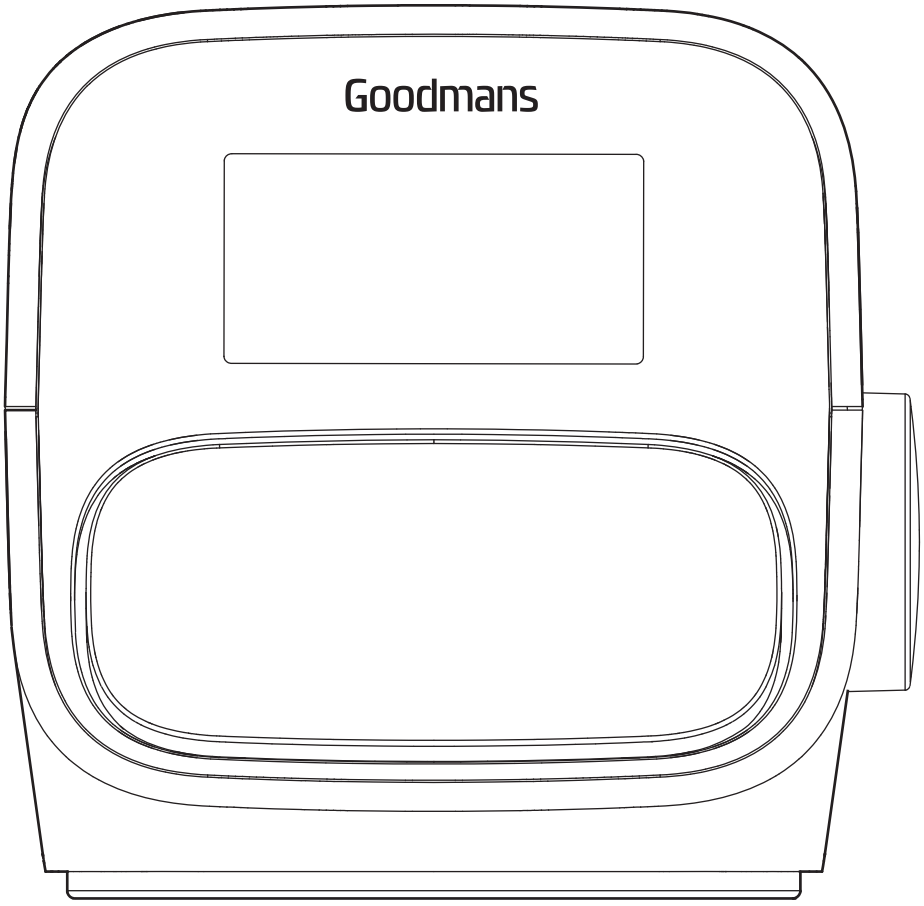
# DAB & FM Clock Radio




MODEL:NOD
DAB & FM Clock Radio

## USER MANUAL

Goodmans

# 1 Welcome

# 2 Your DAB Digital Radio

2.1 In the Box
2.2 Front view
2.3 Top view
2.4 Rear view

# 3 Quick Setup

3.1 Power On and Autoscan
3.2 Changing Mode(DAB/FM/Aux In)
3.3 Scanning for DAB Stations
3.4 Adjusting the Volume
3.5 Power off

# 4 Features

**DIAL button**
4.1 Select and Confirm
4.2 Full Scan (DAB)
4.3 Manual Tune

**SNOOZE/BACKLIGHT settings**
4.4 Snooze
4.5 Backlight

**POWER/MODE button**
4.6 Switch to DAB mode
4.7 Switch to FM mode

**FAV Button**
4.8 Storing DAB/FM Presets
4.9 Recall Favorite Station

**INFO/MENU Button**
4.10 Station information.
4.11 System information

**ALARM and ALARM ON/OFF Button**
4.12 Set Alarms
4.13 Alarms activity

**SLEEP Button**
4.14 Sleep Timer

**USB Charging Socket**

**DAB menus**
4.15 Full scan
4.16 Manual Tune
4.17 Prune
4.18 System

**FM Menus**
4.19 FM Auto scan
4.20 FM Manual Scan
4.21 System

# 5 Troubleshooting

# 6 Technical Specifications

# 7 Customer Support

# 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 NOD DAB & FM Clock Radio.

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# 2 Your NOD DAB & FM Clock Radio

## 2.1 In The Box

Carefully remove your NOD DAB & FM Clock Radio from the box.
Inside the box you will find:

- DAB Digital Radio
- Adaptor
- Quick Start Guide
- Guarantee Booklet

### 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

### Using the Adaptor

Connect the power adaptor (supplied in the package) to the DC IN socket on the radio and plug in the other end to the wall socket.

### 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 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 Dial control**

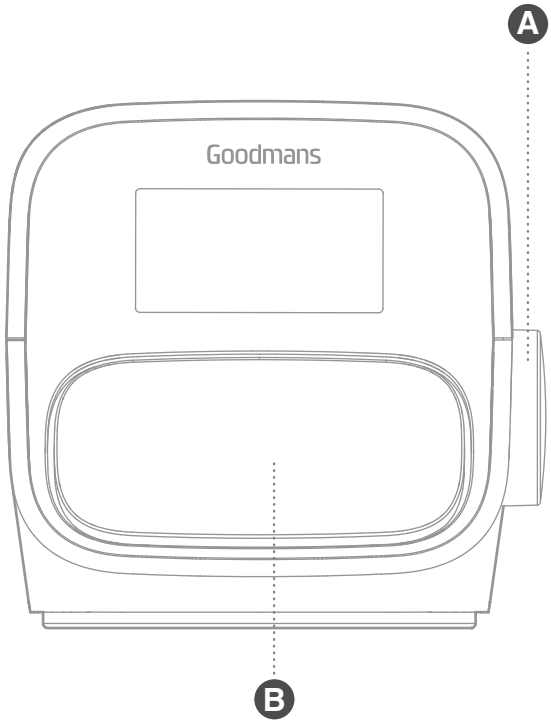
Rotate the dial to adjust volume/cycle through menu options.

Push the Dial to confirm/select menu options.

**B Snooze/ Backlight setting**

With Alarm active, press this button to activate the snooze function

With Alarm not active, short press to cycle through dimmer settings




## 2.3 Top view

**C Power/Mode**

Short press (<1 sec) to power on / Standby.

Long press (>3 sec) switch to DAB or FM mode

**D FAV**

Long press (>3sec) to preset radio station.

Short press (<1 sec) to recall the list of preset stations.

**E Info/ Menu**

Short press (<1 sec) to cycle through station broadcast information.

Long press (>3 sec) to access main menu

**F Alarm**

Short press (<1 sec) to open alarm setup wizard.

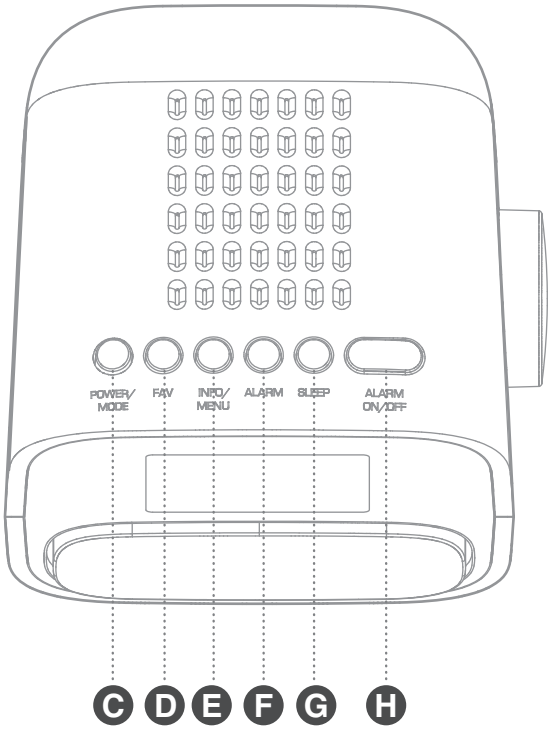
**G Sleep**

Short press (<1 sec) to cycle through the sleep options.

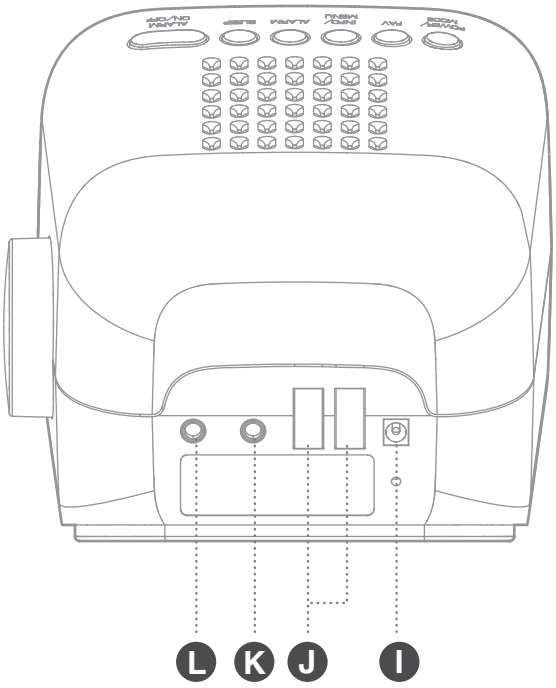
**H Alarm on/off**

Raised state - disable the Alarm.

Lower state – enable the Alarm.



## 2.4 Rear view




**I DC IN**

**J USB socket**

For charging 1A - 2.1A mobile/tablet device

**K Earphone jack**

**L Aux-in jack**

# 3 Quick Setup

### 3.1 Power on and Autoscan

1. Connect the power adaptor to the DC IN socket on the DAB Radio and plug in the other end to the wall socket.
2. Extend the wire aerial as far as it can go.
3. The LCD backligt will light up and show the Welcome message. It will then display the screen below. (fig.1)
4. The radio is now in Standby. Press the Power/Mode button briefly to turn on the radio.
5. It will start scanning the DAB radio stations automatically. (fig.2)
6. Once the scan is finished, it will display the number of radio stations received.

fig.1

fig.2

### 3.2 Changing Mode (DAB/FM/AUX-IN)

**DAB/FM mode**

1. Long pressing the Power/Mode button to switch between DAB/FM mode.
2. The radio will tune to the first DAB station. To explore the stations that have been found, push the Dial briefly, the station list will appear. Rotate the dial to browse the station you want to listen, push the Dial to select. If you don't make any selection, the display will revert back to original station after a few seconds.
3. When you turn on the radio next time, the radio plays the same mode and same station as last listened.

**AUX-IN Mode**

1. For the Aux-in mode, it will automatically switch to aux when the 3.5mm cable is inserted. It will revert to previous mode when the aux is disconnected.
2. Use the radio speaker to amplify audio from your portable player or other device with Aux.

   Connect the cable with 3.5mm plug on both ends between the earphone jack of your device and the Aux-in jack of the radio.

### 3.3 Scanning for DAB Station

DAB full scan will perform automatically when the radio is first power up.

If you want to arrange the scan again, long pushing the Dial until the scanning indicator appear on the display.

To perform additional stations and services regularly become available so it's a good idea to carry out a manual scan every now and then to make sure that you have the most up to date station listing stored with the memory of your radio.

### 3.4 Adjusting the Volume

Adjust the Dial control to increase or decrease the volume.

### 3.5 Power Off

Press the Power/Mode button briefly to turn off the radio.

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# 4. Features

## DIAL Button

### 4.1 Select and Confirm

In DAB mode, scroll the dial and rotate to the station you want to listen to, and then press the dial to select.

### 4.2 Full Scan(DAB)

1. DAB full scan will perform automatically when the radio is first power up.
2. To re-scan the DAB station list, a long press of the dial will start the scan.

### 4.3 Manual Tune

To perform additional stations and services regularly become available so it's a good idea to carry out a manual scan every now and then to make sure that you have the most up to date station listing stored with the memory of your radio. Please refer to 4.16.

## SNOOZE/Backlight setting

### 4.4 Snooze

When the alarm is activated, you can press the “SNOOZE” button to mute the alarm for 9 minutes.

The icon will appear on the display. (fig.3)

### 4.5 LCD Backlight

There are 3 level of backlight brightness to choose. The default level is at mid-level.

Under Standby or normal radio playback, press the Snooze button to adjust the backlight level.

fig.3

## Power/Mode Button

### 4.6 Switch to DAB mode

If the radio is in FM mode, long press the button to switch to DAB mode.

### 4.7 Switch to FM mode

If the radio is in DAB mode, long press the button to switch to FM mode.

## FAV Button

### 4.8 Storing DAB/FM Presets

1. Tune your radio to the station that you wish to preset.
2. Long pressing the FAV button to open the preset menu, use the dial control to choose the number (1-10) you want to preset, then push the Dial to select. The display will show Preset X Saved, where X is the number of the preset (1-10). (fig.4)

Your radio can store up to 10 DAB stations and 10 FM station in its preset memories for instant access to your favorite stations.

fig.4

Note:

- If there is already an existing station stored under a preset, it will be overwritten when you store a new station
- When you store DAB radio station presets, it will not overwrite your FM station presets.

### 4.9 Recall Favorite Station

Press the FAV button, then the display will show Preset Recall. Use the dial control to select the station you want to listen, and then push the dial to confirm.(fig.5)

fig.5

Note:

- If no station has been stored under the preset, the display will show Empty and then revert to the previously selected station after a few seconds.

# INFO/MENU button

## 4.10 Station information.

1. The radio station usually broadcasts certain information that can be seen on the radio. These information will appear on the two text lines under the Clock. When listening to a station you can change the information that will appear under the clock on the second line of the display. (fig.6)
2. To get these information, press the INFO/MENU button to cycle through the display options. There are several different types of information that are sent by the broadcaster.

fig.6

## 4.11 System information

Long press the INFO/MENU button, there are more setting available as below:

1. Time

   You can set the Time/Date manually or select to auto update the time from the DAB or FM radio.
2. EQ Set

   You can choose your desired equalizer to adjust the sound: Jazz/Rock/Classic/Pops
3. Factory Reset

   This menu can reset your radio and restore all the settings to the original factory settings.
4. SW version

   Choose this menu to see the Software version of the radio for future maintenance purpose.

# ALARM and ALARM ON/OFF button

## 4.12 Set Alarms

There are 2 alarms available. Follow the steps below to set the alarm:

1. Short press the “Alarm” button briefly to open the Alarm wizard to set Alarm 1.

   If you want to set the Alarm 2, simply turn the dial to show Alarm 2, then press the dial to confirm. (fig.7)
2. Rotate dial and press to select Alarm ½ Active. Then rotate the dial choose the desired hour and push the dial to confirm. Then do the same for the minutes setting.
3. The next setting is Duration, it means how long you want to keep the alarm sounds over the time period. You can choose from 15, 30, 45. 60 and up to 90 minutes.
4. Then it comes to choose the “Sound source”, you can choose the alarm to activate from Buzzer, or Radio in DAB or FM.

fig.7

5. Select the maximum alarm volume level you prefer in the next setting. The alarm volume will rise from small level to the maximum level you have selected. Then choose ON to turn on the alarm. Push the dial to confirm and the alarm setting is complete. The will appear on the display.(fig.8)

fig.8

### 4.13 Alarms Active

There is an Alarm On/Off switch on the radio. You can enable or disable the alarm easily by using this button. When the button is pressed in lower state, the Alarm is enabled and you will see the alarm icon appear on the display. If you want to disable the alarm, simply press the button to resume the raised state, the alarm icon on the display will disappear. The Alarm is disabled.

If you want to turn off the alarm, press the Alarm on/off button to turn it off.

## SLEEP Button

### 4.14 Sleep Timer

You can set the Sleep Timer to turn off the radio itself after the certain time elapsed.

Press the Sleep button and it will show Set Sleep Time. (fig.9)

fig.9

Press the button briefly to cycle through the timer options from 15, 30, 45, 60 up to 90 minutes and push the dial to confirm the setting. The will appear on the display. (fig.9)

## USB Charging Socket

There are 2 USB charging socket on the radio for charging of your mobile devices.

The total available charge output is 5V 2.1A.

- If you charge two devices at the same time, then the availabe charge output is 5V/1A for each device.

## DAB Menus

To access the main menu, long pressing the Info/Menu button for 3 seconds. It will display the following options. To cycle through the options, rotate the dial to scroll through the options.

### 4.15 Full scan

It will scan all stations available in your location, it may take 1-2 minutes.

### 4.16 Manual Tune

1. Using the manual tune feature, you can manually tune the radio station from channel 5A to 13F.

   This can help when aligning your aerial or when adding stations that were missed while auto tuning.
2. Rotate the dial to scroll through the digital radio frequencies and select the frequency you want to fine tune.
3. Any new stations that are found are automatically added to the stored list of stations.

- If only an empty □ is displayed , you are not receiving any signal at all for that particular digital radio channel in your area.

4. Long pressing the Info/Menu button to exit the menu, or wait for a few seconds and it will exit the menu.

### 4.17 Prune

Some DAB services may stop broadcasting or you may not be able to receive a station. Prune stations will delete the DAB stations from your station list that will no longer be received.

1. Press and hold info/menu button to access the menu.
2. Rotate the dial to scroll to Prune option and push the dial to select.
3. The display will show as below. Choose Yes to confirm. it will remove the stations which are no longer broadcasting. (fig.10)

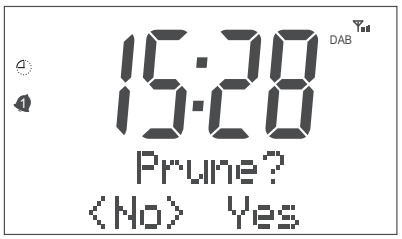

fig.10

### 4.18 System

Refer to 4.11

## FM Menus

### 4.19 FM Auto scan

To perform auto scan of the station, long pressing the dial and release it when the Scanning appear on the display. (fig.11)

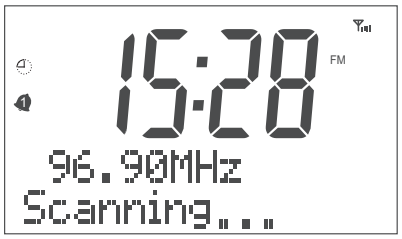

fig.11

### 4.20 FM Manual Scan

Push the dial briefly when the Tune appeared on the display, rotate the dial to manual scan the radio station. (fig.12)

fig.12

### 4.21 System

Please refer to 4.11.

# 5 Troubleshooting

| Problem | What to do |
|---|---|
| There is no sound from my radio | Check that the volume is not set to the minimum.<br>Make sure that the radio has been able to locate DAB/FM stations. |
| The display shows 'NO SERVICES AVAILABLE' in DAB mode | Make sure that DAB coverage exists in your area.<br>Try adjusting the position of the aerial or location of the radio. |
| Poor reception | As with any radio service, there will be areas of weak signal that may cause poor reception. Follow the instructions for Manual Tuning on 4.16 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. |
| Some of the buttons on the DAB Digital Radio are not working | This may be caused by electrostatic discharge. Turn the DAB Digital Radio off, disconnect the mains plug and reconnect after a few seconds. |

# 6 Technical Specifications

| | |
|---|---|
| Model Number | NOD |
| Power Supply | 100-240V, AC ~ 50/60 Hz<br>Adapter: DC 5V, 3000mA |
| Speaker Output Power | 2W RMS |
| Frequency Range | FM: 87.5-108MHz<br>DAB: 174-240MHz |
| LCD Display | Negative monochrome display |
| USB Output Power | 5V/2.1A Total |
| Max Power Consumption | 15W |
| Dimensions | 119mm (W) x 131mm (D) x 116mm (H) |

# 7 Customer Support

Our customer service team is available for technical or guarantee support.
Visit www.goodmans.co.uk/support