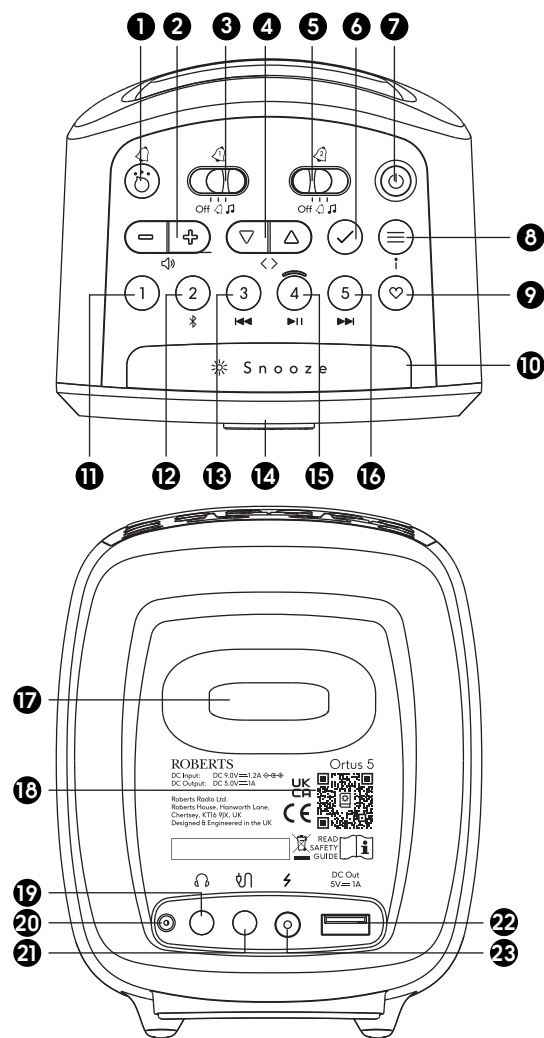# What is in the Box?

Radio | mains adaptor | quick start guide | safety/warranty leaflet

## Features

- DAB+/FM RDS digital radio
- Bluetooth audio streaming from smartphone, tablet or laptop
- 40 radio station presets (20x DAB and 20x FM)
- AC adaptor included
- 50mm full range with bass port tube
- TFT LCD graphical display with adjustable display brightness
- 2 alarms timers (DAB/FM/Buzzer)
- Clock and sleep timer
- Stereo headphone output (3.5mm jack)
- Auxilary input (3.5mm jack)
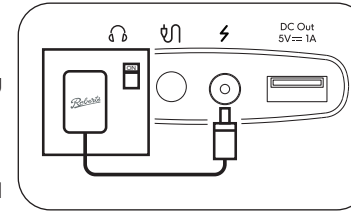- USB charging of smartphone, tablet or similar device

## Controls



| | |
|---|---|
| 1 | Mode button |
| 2 | Volume buttons |
| 3 | Alarm 1 slider |
| 4 | Tuning & Navigation buttons |
| 5 | Alarm 2 slider |
| 6 | Select button |
| 7 | Power/Sleep button |
| 8 | Info/Menu button |
| 9 | Favourites button |
| 10 | Brightness/Snooze button |
| 11 | Preset 1 |
| 12 | Preset 2/Bluetooth pairing |
| 13 | Preset 3/Skip backwards |
| 14 | Display |
| 15 | Preset 4/Play/Pause |
| 16 | Preset 5/Skip forward |
| 17 | Bass port |
| 18 | QR code for online instructions |
| 19 | Headphone socket |
| 20 | External aerial |
| 21 | Auxillary input socket |
| 22 | USB 5V 1A output charging port |
| 23 | DC input socket |

# STEP 1 - Plug in & play DAB radio
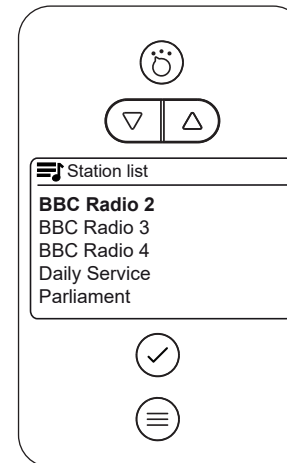
## A - Connect to the mains

**Please read the safety leaflet provided before connecting your radio to the mains.**

1. Place your radio on a flat surface.
2. Fully extend the **aerial** located on the bottom right hand corner.
3. Plug the cable from the mains adaptor into the **DC power input socket**. Plug the mains adaptor into a wall socket and switch on the socket.
4. A start up screen will be displayed and a scan of the Band III DAB channels will be carried out.
5. When a signal has been found, the current time will appear on the display.

**Note:** If no signals are found it may be necessary to relocate your radio to a position giving better reception and carry out a scan for new stations.
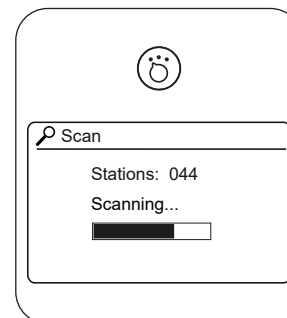
## B - Select a DAB radio station

1. If needed, press and release the **Mode** button until the DAB mode is selected.
2. Press the **Tuning** buttons to step through the list of available DAB stations.
3. Press the **Select** button to select the station. Adjust the **Volume**.
4. Some radio stations may have one or more additional broadcasts associated with them. If these are available they will appear immediately after the main station.
5. Press the **Info/Menu** button to cycle through the various display options.

The display options are station name, scrolling text, program type, multiplex name, channel/frequency, bit rate, signal strength, date.

## C - Scan for DAB stations

As time passes new stations may become available or you may have moved to a different part of the country.

1. Press and release the **Mode** button until DAB is selected.
2. Press and hold the **Info/Menu** button and then using the **Navigation** buttons select '*Scan*' by pressing the **Select** button.
3. Your radio will perform a scan of the Band III DAB channels. As new stations are found, they will be added to the list stored in the radio.
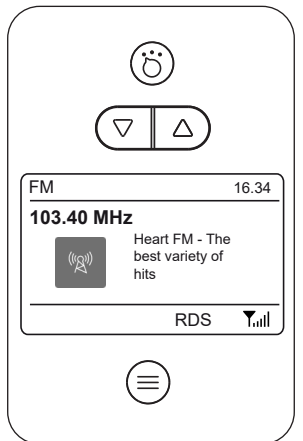
| | |
|---|---|
| A short press will switch your radio On or to Standby. A long press will access the sleep timer when the unit is playing | Press **+** to increase the volume level. Press **-** to increase the volume level. |
| A short press will access each operating mode in turn. A long press will access the alarm settings. | Slide the switch (Alarm 1 or 2) to change the alarm status. |
| A short press directly recalls station presets from 1-5. A long press will allow preset stations 1-5 to be directly saved. In other modes, a long press on '2' will disconnect Bluetooth to enable pairing and a short press on '3-5' offers audio controls | A short press will recall presets from 1-20. A long press will allow preset stations 1-20 to be saved. |
| | Press to change the display brightness setting from 0-7. When an alarm is sounding, press to snooze the alarm. |
| Press the up and down arrows to scroll menu items. | A short press will display information relating to the music being played. A long press will access the current menu system. Press Info/Menu button to go back to a higher level menu or if an error is made. |
| Press to select the highlighted menu items. | |

# STEP 2 - Play FM radio

## A - Search tuning - FM

1. Fully extend the **aerial.**
2. Press and release the **Mode** button until FM is selected.
3. Short press the **Tuning** buttons to manually tune your radio. Long press the **Tuning** buttons to scan upwards or downwards. The radio will stop automatically when it finds a station of sufficient strength.
4. If the signal is strong enough and there is RDS data present then the radio will display the station name. Adjust the **Volume.**
- Press the **Info/Menu** button to cycle through the various display options.

The display options are station name, scrolling text, program type, frequency, audio type, date.

# STEP 3 - Presets

## Preset radio stations

There are 40 memory presets, 20 for DAB and 20 for FM. Presets are remembered in the event of a power failure.
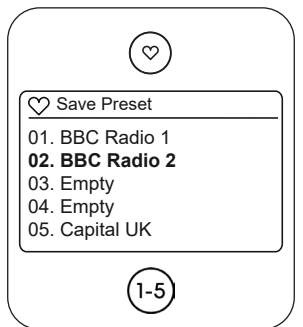
**To store a preset**
1. Tune to the required radio station.
2. Long press on the **Favourites** button
3. Use the **Tuning** buttons to scroll to an unused preset or a preset you wish to change.
4. Press **Select** to store. '*Preset Saved*' will be displayed.

Buttons 1-5 enable quick access to the first five presets on the favourites list. A long press on buttons **1-5** will store a tuned in radio station.

**To recall a preset**
1. Choose DAB or FM mode.
2. Short press on the **Favourites** button.
3. Use the **Tuning** buttons to scroll to the desired preset.
4. Press **Select** button to select it.

If you want to select Preset 1-5 from the list, short press on button **1-5**.
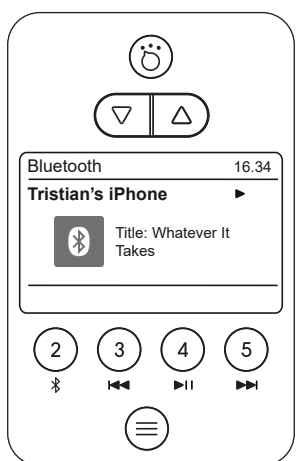
# STEP 4 - Bluetooth

## Connecting Bluetooth devices

1. Ensure **Bluetooth** is enabled on your smart device.
2. Ensure your radio is switched on. Press and release the **Mode** button until Bluetooth is selected.
3. The radio will show that it is '*PAIRING*'.
4. On your smart device select '*Ortus 5*'. Once the connection is established, you may now play your music. Adjust the volume on your Bluetooth device or on your radio.

## Playing audio

1. The audio player in your smart device may be able to respond to the **Play/Pause**, **Next** or **Previous** track on the radio.
2. Press button **4** to pause playback. Press the control again to resume playback.
3. Short press button **3** or **5** to skip to next or previous tracks. Long press button **3** or **5** to scan forwards or backwards. **Note:** Not all player applications or devices may respond to all of these controls.

## Connect a different device

1. To connect a different device, long press on button **2** to disconnect the current paired device. Your radio will become discoverable by other devices.
2. To clear all Bluetooth pairings, long press on the **Info/Menu** button, select '*CLEAR PAIRING*', then select '*Yes*' to confirm.
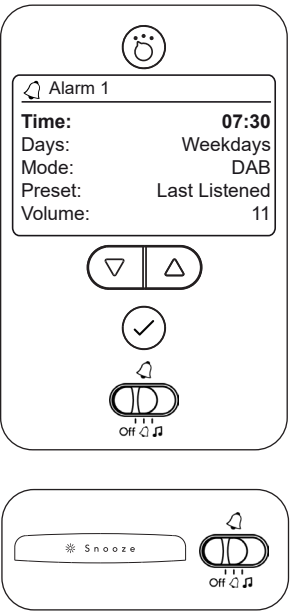
continued overleaf…

When in standby mode or on, the display will show a clock and the alarm state.
Long press the **Mode** button to access alarm settings, and turn alarms on/off by toggling the **Alarm1/2** slider switches.

1   Long press on the **Mode** button to enter the alarm settings.  **Select** either '*Alarm 1*' or '*Alarm 2*' to make changes.

2   To set the '*Time*' for the alarm to come on, press **Select** and then use the **Tuning** buttons. Press **Select** to set the hour. Repeat for setting the minutes.

3   Choose '*Days*' to set the days from '*Daily*' (the alarm will sound everyday), '*Once*' (the alarm will sound once). '*Weekdays*' (the aram will sound on Monday-Friday) or '*Weekends*' (the alarm will sound on Saturday and Sunday).

4   Choose whether the alarm mode is to be 'Off', 'Buzzer ( ♤ )' or 'Radio ( ♫ )' by sliding the alarm slider switch.

5   If the alarm slider is set to either 'Off' or ' ♫ ', the '*Mode*' in the menu list can be set to '*DAB*' or '*FM*' along with a radio '*Preset*'.  Select either '*Last Listened*' or one of the saved presets '01-20' ('*Empty*' cannot be selected).

6   Next, select the '*Volume*' to set the alarm volume level from 1-32.  The volume level will increase gradually upto the set level.

7   Use the **Slider** switch to turn the alarms on/off.

The alarm volume can be changed during a sounding alarm.

**Alarm 1**

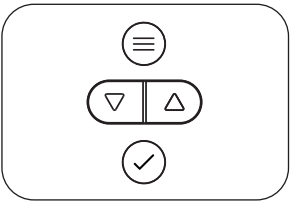| | |
|---|---|
| Time: | 07:30 |
| Days: | Weekdays |
| Mode: | DAB |
| Preset: | Last Listened |
| Volume: | 11 |

Off ♤ ♫

## Snooze

Snooze the alarm for 9 minutes by pressing **Snooze** button.

Press the **Standby** button when snoozing to cancel the alarm, or move the sounding alarm slider to the Off position.

❄ Snooze
Off ♤ ♫

# STEP 6 - Menu options

## Menu options

1   Long press the **Info/Menu** button to access your radio's menu system.

2   Press the **Tuning** buttons to show menu options.

3   Press **Select** button to select menu options.

4   To exit a menu, press the **Info/Menu** button as needed.

## DAB menu

When in DAB mode, long press the **Info/Menu** button to access the following DAB menu options. Press the **Tuning** buttons followed by the **Select** button to select an option.

**Recall Preset -** Access the favourites list.

**Save Preset -** Access the favourites list.

**Station List -** Displays the available DAB stations.

**Scan -** Choose '*Scan*' to scan the band III DAB channels.

**Manual tune -** Choose '*Manual Tune*' and then choose the desired DAB channel. The signal strength will be displayed.

**Prune -** Choose 'Yes' to remove any stations that are no longer available.

**DRC -** Choose  *from 'High', 'Low*' or '*Off*'. The DRC facility can make quieter sounds easier to hear when your radio is used in a noisy environment. **Note:** Not all DAB broadcasts use the DRC function.

**Station order -** Choose '*Station Order*' and then choose either '*Alphanumeric*' or '*Ensemble*'.

**Sleep -** Your radio can be set to turn off after 15-120 minutes has elapsed.

**Alarms -** Access the alarm settings.

**System Settings -** Access the system settings.

## FM menu

When in FM mode, long press the **Info/Menu** button to access the following FM menu options. Press the **Tuning** buttons followed by the **Select** button to select an option.

**Recall Preset -** Access the favourites list.

**Save Preset -** Access the favourites list.

**Scan Setting -** Choose '*Scan Setting*' and then choose '*Distant*' (your radio will scan for both weak and strong signals) or '*Local*' (your radio will scan for stations with good reception).

**Audio Setting -** Allows selection of '*Auto*' or '*Mono*'. '*Auto*' enables stereo to be played through headphones if a strong enough signal is present. If a station has a weaker signal and alternates between stereo and mono playback, selecting '*Mono*' forces the signal to play mono.

**Sleep -** Your radio can be set to turn off after 15-120 minutes has elapsed.

**Alarms -** Access the alarm settings.

**System Settings -** Access the system settings.

## System settings

Apply a long press on the **Info/Menu** button to access the current menu options. Rotate the control to '*System Settings*' and press to select.

**Time/Date -** Your radio will usually set the time using the DAB signal. Choose '*Time/Date*' and the options include:

*Set 12/24 Hour | Auto Update |*

*Set Time/Date | Set Date Format*

**Brightness -** Adjust the brightness setting for both the '*On Level*' and '*Standby Level*' from 1-7.

Brightness can also be changed directly by pressing the **Snooze** button to set each level when in their respective modes.

**Language -** Choose a desired language from the list.

**Factory Reset -** to completely reset your radio to its initial state perform a factory reset. Choose, '*Factory Reset*' then '*Yes*'. All user entered settings will be erased.
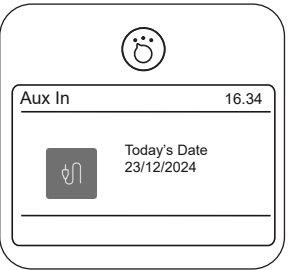
**SW Update -** Software updates for the radio may be avaible in the future. Do not update unless recommended by customer support.

**SW Version -** The software display cannot be altered and is just for your reference. Choose '*SW Version*'.

## Aux In

1   Connect a stereo lead from the output of your external audio source, such as a CD player or phone, into the 3.5mm Auxillary Input socket on the rear of the unit.

2   Press the **Mode** button until 'Aux In' mode is shown on the display.

3   Press play on the connected audio device.  If using its headphone output for the connection, set its volume to a level between two-thirds and maximum in order to get a strong audio signal without too much distortion. Adjust the volume on the radio as required.

4   After use, disconnect your player in order to listen to your radio conventionally.

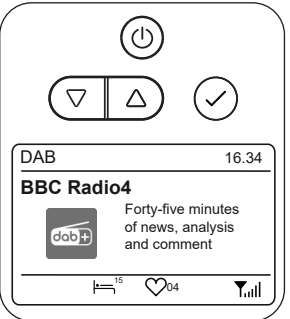Aux In                     16.34
Today's Date
23/12/2024

## Sleep

With the unit on, long press the **Power** button to turn it off after a preset time has elapsed.

Select the sleep time between 15-120 minutes using the **Tuning** buttons, then press **Select**.
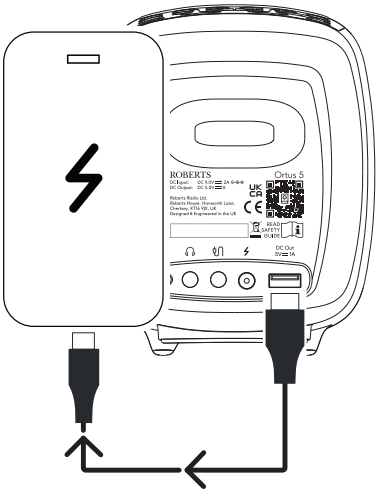
An active sleep timer is shown on the display.

To cancel the sleep timer, enter the '*Sleep*' menu and select ' Sleep *Off*' or press the **Power** button to switch your radio off.

Note: For quick access to the sleep timer, press and hold the **Power** button to cycle through the time options. To select a time, release the **Power** button.

DAB                     16.34
**BBC Radio4**
Forty-five minutes of news, analysis and comment

## USB Charging

You can v your mobile device (e.g. MP3 player, mobile phone etc.) through the USB socket on this unit with a USB cable (not supplied).

The maximum current for USB charging is 1A.



## Specifications

**Power requirements**
Mains (adaptor):
100 - 240V ∿ 50/60Hz
DCin:       9.0V 1.2A
DC Out:   USB Type A. 5V/1A

**ErP - Standby Power**
The device has a power standby mode with a power consumption of less than 0.8W. After 15 min of inactivity in Bluetooth or Aux modes, the device will switch to standby mode.

# ROBERTS

## Ortus 5

### DAB+/FM RDS/Bluetooth Alarm Clock Radio



DAB                     21:44
BBC Radio4
Sybil Phoenix, a Civil Life

**ROBERTS**

dab+   ✻

## Circuit features

| | |
|---|---|
| Headphone socket | 3.5mm dia. |
| Aerial System | DAB/FM External aerial |

Bluetooth standards   A2DP, AVRCP, Bluetooth codecs supported SBC & AAC.
Bluetooth BLE EIRP POWER (MAX.) -0.59dBm
Bluetooth EDR EIRP POWER (MAX.) -3.15dBm

**Frequency coverage** FM 87.5 - 108MHz, DAB 174.928 - 239.200MHz
Bluetooth 5.2 frequencies 2.402 - 2.480GHz

**Product markings**

DC Power input 9.0V/1.2A     USB output 5V/1A

∿ This symbol indicates AC voltage.  ⎓ This symbol indicates DC voltage.

**Mains adaptor**

Manufacturer of AC Adaptor: Hung Kay, Model:SHKP18-0901200dB, Input voltage: AC100 - 240V, Input AC frequency: 50/60Hz, Output voltage: DC9.0V, Output current: 1.2A, Output power: 10.8W, Average active efficiency: ≧ 82.38%, Efficiency at low load (10%) 70.7%, No-load power consumption: < 0.1W

Please handle with care. The leather-cloth finish may be susceptible to damage if mistreated. Avoid all contact with any abrasive material, chemical substances or cleaning solutions. Your radio may be wiped with a clean lightly damp cloth. **Please ensure that the product is unplugged from the mains socket outlet before attempting this procedure.**

Designed & Engineered in the UK

Roberts Radio Ltd, Roberts House, Hanworth Lane, Chertsey, KT16 9JX, UK

Glen Dimplex Europe Ltd, Airport Road, Cloghram, Co. Dublin, K67 VE08, Ireland

**ROBERTS RADIO LIMITED**
www.robertsradio.com

Please read this guide and the safety/warranty leaflet before use

*Issue 1*
*2025-02-13*

© 2025 Roberts Radio Limited

CE  UKCA