

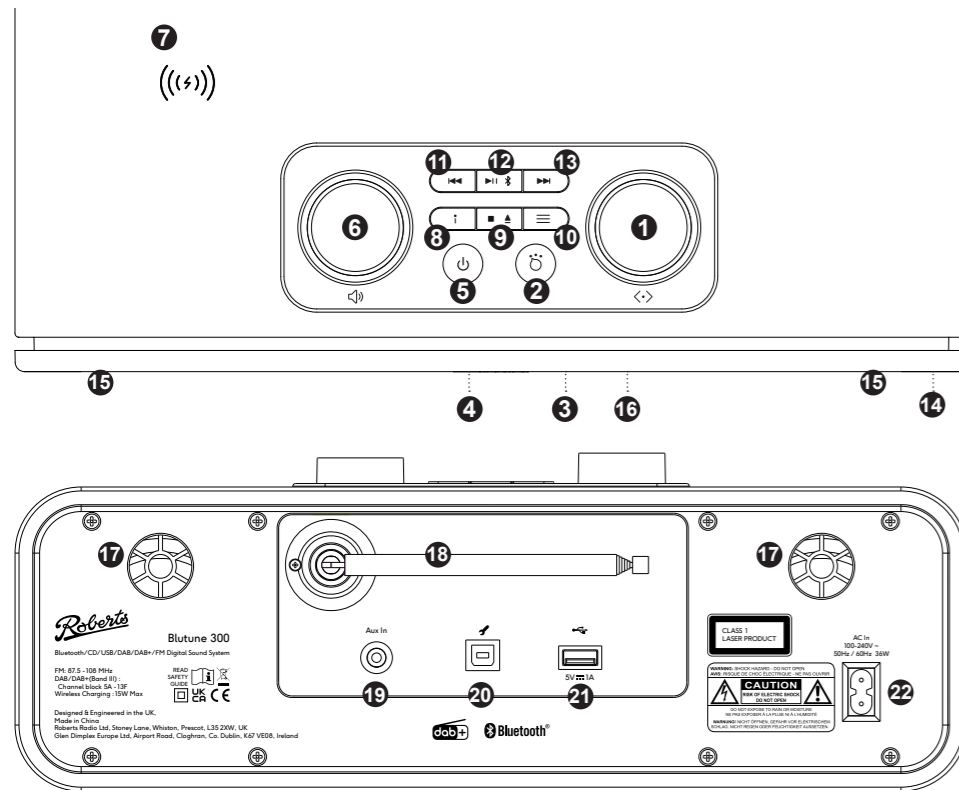
What is in the Box?

Sound system, mains lead, remote control, 2 x AAA batteries, quick start guide and safety/warranty leaflet. Please visit www.robertsradio.com if you wish to download the full user guide.

Features

- DAB / DAB+ / FM RDS digital sound system
- Bluetooth audio streaming from smartphone, tablet or laptop
- Wireless charging for use with a wireless enabled charging device
- USB socket for playback and device charging
- MP3 / WMA playback via CD and USB
- 20 radio station presets (10 DAB and 10 FM)
- Clock and dual alarms with radio or buzzer sounds
- Sleep and snooze timers
- 6 equaliser profiles and separate treble, mid and bass options
- Adjustable display brightness
- Acoustically tuned wooden cabinet
- Multi function remote control
- Stereo auxiliary input and headphone sockets

Controls



- | | |
|--|--|
| 1 Tuning / Select / Snooze control | 13 Next / Scan up button |
| 2 Mode / Alarm button | 14 Headphone socket |
| 3 CD slot | 15 Loudspeaker x 2 |
| 4 LCD display | 16 Infra red sensor |
| 5 On / Standby / Sleep button | 17 Bass ports x 2 |
| 6 Volume control | 18 Telescopic aerial |
| 7 Wireless charging location | 19 Auxiliary input socket |
| 8 Information / Dimmer button | 20 USB socket for service use only |
| 9 Stop / CD eject button | 21 USB playback / Charge socket |
| 10 Menu / Back button | 22 Mains power socket |
| 11 Previous / Scan down button | 23 Remote control (not shown see overleaf) |
| 12 Play/Pause / Preset / Bluetooth pair button | |

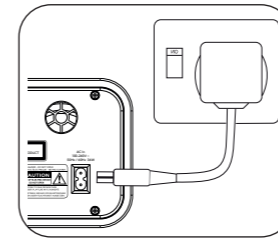
It is recommended that the DAB band be used wherever possible as better results in terms of quality and freedom from interference will usually be obtained than on the FM band.

STEP 1 - Plug in & play radio

A - Connect to the mains

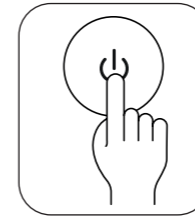
Please read the safety leaflet provided before connecting your sound system to the mains.

- 1 Place your sound system on a flat surface.
- 2 Fully extend the **telescopic aerial** located on the rear of the unit.
- 3 Plug the mains lead into the **mains socket** located on the rear of the unit. Plug the mains lead into a wall socket and switch on the socket.
- 4 A start up screen will be displayed and a station scan will be performed.
- 5 When a signal has been found, the current time and date will appear on the display. **Note:** If no signals are found it may be necessary to relocate your sound system to a position giving better reception and carry out a scan for new stations.



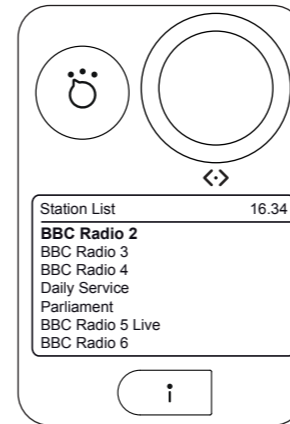
B - Switch on your sound system

- 1 Press and release the **On/Standby** button to switch on the sound system. After each use the sound system will remember the mode used and then switch on in that mode the next time it is used.
- To switch your sound system to standby, press and release the **On/Standby** button.
- 2 If this is the first time the sound system is used a scan of the Band III DAB channels will be carried out.



C - Select a DAB radio station

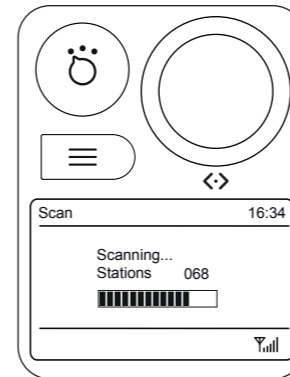
- 1 If needed, press and release the **Mode** button until the DAB mode is selected.
 - 2 Rotate the **Tuning** control to step through the list of available DAB stations.
 - 3 Press the **Tuning** control to select the station. Adjust the **Volume** using the volume control.
 - 4 Press the **Info** button to cycle through the various display options.
- The display options are, scrolling text, program type, multiplex name, channel and frequency, signal strength / error rate, bit rate, audio type and date.



D - Scan for DAB stations

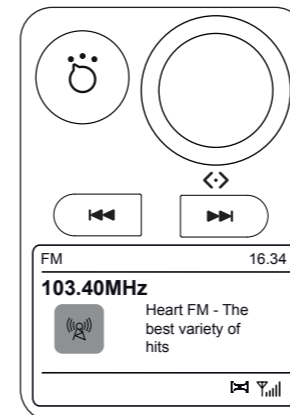
As time passes new stations may become available or you may have moved to a different part of the country.

- 1 Press and release the **Mode** button until DAB is selected.
- 2 Press the **Menu** button.
- 3 Rotate the **Tuning** control and select 'Scan'.
- 4 Press **Tuning**. Your sound system 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 sound system.



E - Search tuning - FM

- 1 Fully extend the **telescopic aerial**.
 - 2 Press and release the **Mode** button until FM is selected.
 - 3 Rotate the **Tuning** control clockwise or anti-clockwise and press the control. Your sound system will scan upwards (low to high frequency) or downwards (high to low frequency) and will stop automatically when it finds a station of sufficient strength. Alternatively, press the **Scan up** or **Scan down** buttons to scan the waveband.
 - 4 If the signal is strong enough and there is RDS data present then the radio will display the station name.
- Press the **Info** button to cycle through the various display options. The display options are scrolling text, program type, frequency, audio type and date.



STEP 2 - Connect Bluetooth

Connecting Bluetooth devices

- 1 Ensure **Bluetooth** is enabled on your smart device.
 - 2 Switch on your sound system. Press and release the **Mode** button until the Bluetooth mode is selected. The Bluetooth indicator will flash blue and your sound system will show that it is 'discoverable'. 'Looking for Device' will be displayed.
 - 3 On your smart device select 'BLUTUNE 300'. Once the connection is established the indicator will remain steady. You may now play your music.
 - 4 The audio player in your phone, tablet or PC may be able to respond to the **Play/Pause**, **Next** or **Previous** track buttons on the sound system. **Note:** Not all player applications or devices may respond to all of these buttons. Adjust the volume on your sound system and on the connected device. If you find the volume from the sound system is not sufficient, it may be that the volume setting of the connected device needs to be increased.
 - 5 To connect a different device **apply a long press** on the **Bluetooth Pair** button (on the unit) or **apply a long press** on the Select button (remote control). Your sound system will become discoverable by other devices. Alternatively, press **Menu** and then choose 'Disconnect' and then 'Yes'. To remove all Bluetooth pairings choose 'Clear Pairing' and then 'Yes'.
- For details on navigation and operation of your sound system, please see overleaf.



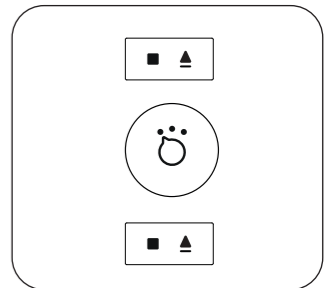
STEP 3 - Playing CD

Your sound system can playback CD-DA format audio CD-R/CD-RW discs. Your sound system may fail to playback some CD-R/CD-RW discs due to poor recording and wide variation in quality of the CD-R/CD-RW discs. Use only full size CDs (12cm diameter). Mini CDs (8cm diameter) are not compatible with the player and may jam the CD mechanism. Transparent or partly transparent CDs cannot be played since they may not be detected when inserted. Thin (Eco) CDs cannot be played. Some copy-protected CDs may not be playable. The Blutune 300 is able to play CD-R and CD-RW discs containing MP3 and WMA files.

Inserting a CD

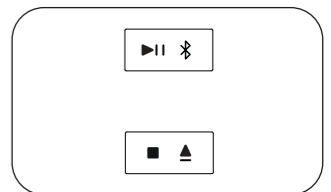
Ensure the CD player is empty before inserting a disc. If you cannot insert a disc, press the **CD Eject** button to remove the CD currently in the sound system.

- 1 Press the **Mode** button until 'CD' shows on the display or insert an audio CD.
- 2 Insert a disc with printed side facing up into the CD slot. The disc will be loaded automatically. The unit will check the CD type and load its track list. The display will show 'Reading'.
- 3 To eject or reload a CD, press the **CD Stop/Eject** button. If the CD is playing you will need to press the **CD Stop/Eject** button to stop the CD and then press it again to eject the CD.



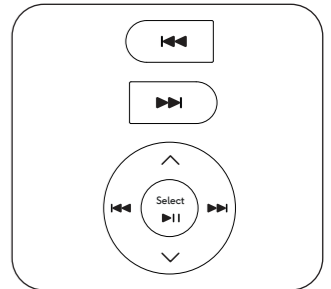
Play CD / CD MP3 / WMA discs

- 1 Press the **Play/Pause** button to start playing the disc if needed.
 - 2 Adjust the volume.
 - 3 To pause or continue playback, press the **Play/Pause** button.
 - 4 To stop playback press the **CD Stop/Eject** button.
- Note:** If you put the unit into standby mode then the next time it is switched on, it will return to the previously played track.



Selecting a track

- 1 While the CD is playing or paused select a track by pressing the **Previous** or **Next** buttons. If needed, press **Play/Pause**.
- 2 While the CD is playing, **apply a long press** on the **Previous** or **Next** buttons to search to the desired part of a track.
- 3 When playing an MP3 / WMA disc you can skip to another folder using the **Folder Up** or **Folder Down** buttons on the remote control.



Repeat / Shuffle

- 1 To access the repeat and shuffle options whilst the CD is playing press the **Repeat/Shuffle** button repeatedly (on the remote control) to select an option. Alternatively, press the **Menu** button and select the desired option.

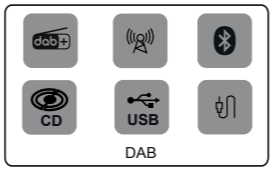


continued overleaf...

STEP 4 - Navigating your sound system

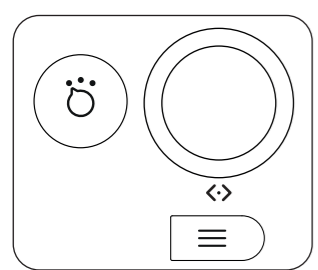
In this guide the symbol ** indicates that further details are provided in the on-line user guide available from www.robertsradio.com

Sound system buttons	Remote control buttons	
		A short press will switch your sound system On or to Standby. A short press will cancel an active alarm. ** A long press will access the sleep timer when the unit is playing. **
		A short press will access each operating mode in turn. Repeatedly press to change the alarm status when the unit is in standby. A long press will access the alarm settings when the unit is in standby. ** Alternatively, alarms can be accessed using the system settings menu. **
		A short press will access the current menu system when the unit is playing. Press the Menu / Back button to go back to a higher level menu or if an error is made.
		Rotate the control clockwise or anti-clockwise to scroll menu items. Press Menu Up / Next / Down or Previous buttons on the remote control to scroll menu items. A short press on Tuning/Select or the Select button (remote control) will select highlighted menu items. A short press on Tuning/Select or the Select button (remote control) will pause the alarm for the snooze period.
		A short press will display information relating to the music being played. A long press will change dimmer settings when the unit is playing. A short press will change dimmer settings when the unit is in standby.



STEP 5 - Operating your sound system

Select music mode



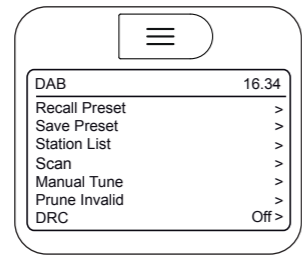
- Switch on your sound system.
- Press and release the **Mode** button to access each of the operating modes in turn.
- Alternatively, press **Mode** and rotate the **Tuning** control clockwise or anti-clockwise to highlight the desired menu item. Press the control to select that item.
- Press **Menu** to access the full menu for the current operating mode.

- | | |
|------------------------|--|
| DAB | - Listen to DAB radio |
| FM radio | - Listen to FM radio |
| Bluetooth | - Stream music using your smart device |
| CD | - Play music from CD |
| USB | - Play music from a USB memory device |
| Auxiliary input | - Connect to other devices |

Note: If the unit is in the Bluetooth or auxiliary input stop mode position for more than 15 minutes it will automatically switch to standby. To use the radio again, simply press the On / Standby button.

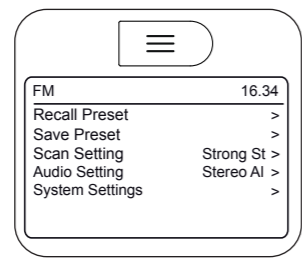
DAB menu

When in DAB mode, press the **Menu** button. The DAB menu items include Recall Preset, Save Preset, Station List, Scan, Manual Tune, Prune Invalid, DRC, Station order, Slideshow (choose full screen or small image) and System Settings. **



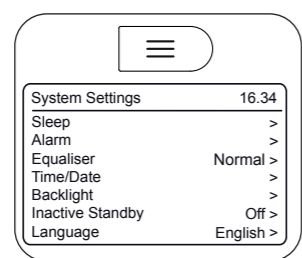
FM menu

When in FM mode, press the **Menu** button. The FM menu items include Recall Preset, Save Preset, Scan Setting, Audio Setting and System Settings. **



System settings

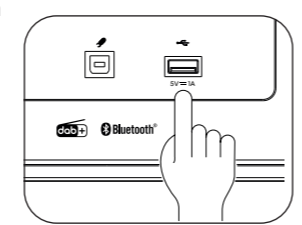
You can access your sound system's 'System settings' from the current menu. The system settings include Sleep, Alarm, Equaliser, Time/Date, Backlight, Inactive Standby, Language, Factory Reset, Software Update, Software Version and Loudness. **



USB Mode

The Blutune 300 has been tested with a range of USB memory devices up to 32GB. However there are many different memory devices available and not all the USB devices can be guaranteed to work in the Blutune 300. Memory must use the FAT or FAT 32 filing system in order to operate in the Blutune 300. **Important:** Your sound system is designed to work with USB flash memory devices. It is not intended to be connected to hard disk drives or any other type of USB device. Audio formats supported on USB memory devices are MP3 and WMA. The USB socket is located on the back of the unit. **

Carefully insert a USB memory device into the USB socket. The USB socket can also be used to charge your smartphone, tablet or similar devices.



To select the USB mode, press the **Mode** button until 'USB' is selected. **Note:** Playback control in USB mode is similar to CD-MP3/WMA mode (see overleaf). Files are played back in the order that they are written to the USB memory device by your computer except when the shuffle mode is used. Press the **Info** button to cycle through the various display options. In order to minimise the risk of damage to your sound system, or USB memory device, please place the unit so that the device cannot be easily knocked while it is inserted in the socket. Remove the USB memory device before carrying the unit or if not using the USB feature for a prolonged period. **Note:** The USB memory device should not be removed during playback as damage or corruption of files may occur.

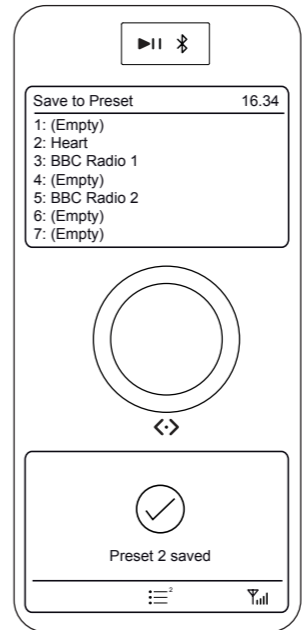
Other information

Preset radio stations

There are 20 memory presets, 10 for DAB and 10 for FM. ** Presets are remembered in the event of a power failure.

- To store a preset**
- Tune to the required radio station.
 - Apply a long press** on the **Preset/Play/Pause** button (on the unit) or **Select** button (remote control). 'Save to Preset' will be displayed.
 - Use the **Tuning** control or the **Menu Up** or **Down** buttons (remote control) to scroll to an unused preset or a preset you wish to change.
 - Press the **Tuning/Select** control or the **Select** button (remote control) to save the preset.

- To recall a preset**
- Choose DAB or FM mode.
 - Press and release the **Preset/Play/Pause** button (on the unit) or **Select** button (remote control). 'Preset Recall' will be displayed.
 - Use the **Tuning** control or the **Menu Up** or **Down** buttons (remote control) to scroll to a desired preset. Press **Tuning** or the **Select** button (remote control) to select the preset.



Equaliser



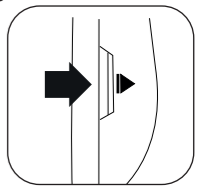
The sound on your sound system can be adjusted to suit your personal taste for the material that you are listening to. The radio has six equaliser profiles. **

- Press **Menu**. Choose 'System Settings', 'Equaliser' then choose from normal, classic, jazz, pop, rock or speech. Alternatively, press the **Equaliser** button on the remote control and use the **Menu Up** or **Down** buttons to select an option.
- You may set the treble, mid and bass levels using the 'My EQ Setup' option.
- To use your 'My EQ' profile choose 'Equaliser' then 'My EQ'.

Remote control battery replacement

Please read the safety leaflet provided before using batteries.

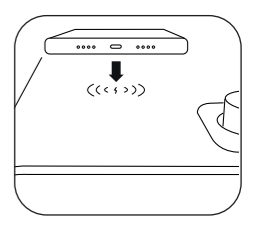
- Remove the battery cover on the rear of your remote control by applying pressure to the catch in the direction shown by the arrow and then lifting off the cover.
- Insert 2 x AAA size batteries into the spaces in the compartment. Take care to ensure all batteries are inserted with the correct polarity as shown inside the battery compartment. Replace the battery cover.
- If the sound system is not to be used for any extended period of time it is recommended that the batteries are removed from the remote control. **Caution:** Replace batteries only with the same or equivalent type. Danger of explosion if the batteries are incorrectly replaced.



In order to minimise its energy consumption when not in use, your sound system will go into standby if it detects that it is no longer being used. ** By default this period is set to 8 hours but you may change it if you wish. Press **Menu**, choose 'System settings' then 'Inactive Standby' and then choose from 2, 4, 5, 6, 8 hours or Off. Your sound system will go into standby after the selected time has expired.

Wireless charging

- To enable wireless charging ensure your sound system is plugged into the mains using the supplied mains lead.
 - Place your wireless charging enabled device over the charging icon. Your device must have wireless charging to use this function.
 - Your device will start charging, the charging indicator (⚡) will show on the screen. Charging will be faster when your unit is in standby. If the charging indicator flashes it will have detected a non wireless charging device. Indicator (⚡): Flashes - poor connection, Off - no connection, Solid - connected.
- Charging time will depend on your device. Standby - 15W, On - 5W.



System reset

If you wish to completely reset your sound system to its initial state perform a factory reset. Press **Menu**. Choose 'System Settings', 'Factory Reset' then 'YES'. All user entered settings will be erased.

Specifications

Power requirements	
Mains	100 - 240V ~ 50/60Hz
Remote control batteries	2 x AAA size
USB output	5V / 1A

Circuit features

Headphone socket 3.5mm stereo, Aux In socket 3.5mm stereo
Aerial System - DAB / FM Telescopic aerial
Bluetooth standards A2DP, AVRCP
Bluetooth codecs supported SBC and AAC
Bluetooth EDR EIRP POWER (MAX.) 2.19dBm

Frequency coverage FM 87.5 - 108MHz, DAB 174.928 - 239.200MHz
Bluetooth 5.0 frequencies 2.402 - 2.480GHz
WPT 110-155KHz WPT H-FIELD STRENGTH 30.24 dBµA/3m

- Product markings** ~ This symbol indicates AC voltage.
□ This symbol indicates Class II equipment.

The name plate is located on the rear of the sound system. The company reserves the right to amend the specification without notice.

Designed & Engineered in the UK
Made in China



Blutune 300

DAB / DAB+ / FM RDS / Bluetooth / CD / USB wireless charging sound system



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

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