

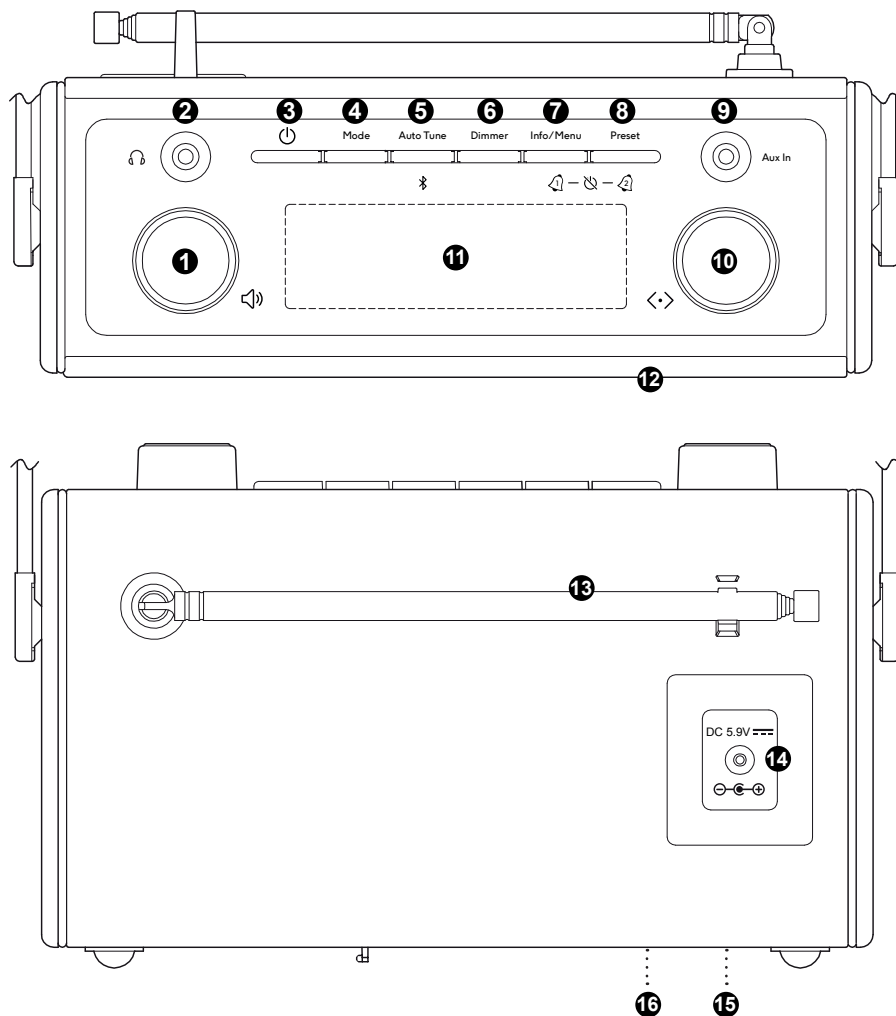
# What is in the Box?

Radio, mains adaptor, quick start guide and safety/warranty leaflet.

## Features

- Bluetooth audio streaming from smartphone, tablet or laptop
- DAB / DAB+ / FM RDS wavebands
- Eco power saving mode
- Clock and alarm functions available with battery power
- 20 radio station presets (10 DAB and 10 FM)
- Multi level display dimmer
- 2 alarms with humane wake
- Sleep and snooze timers
- Battery or mains operation via AC adaptor (included)
- Batteries 4 x C size / LR14 (not included)
- Auxiliary input and headphone socket for private listening

## Controls



- |                                     |  |
|-------------------------------------|--|
| 1 Volume control                    | 10 Tuning / Select control                                   |
| 2 Headphone socket                  | 11 LCD display   |
| 3 On / Off / Sleep button           | 12 Loudspeaker   |
| 4 Mode button                       | 13 Telescopic aerial   |
| 5 Auto Tune / Bluetooth Pair button | 14 DC input socket   |
| 6 Dimmer button                     | 15 Battery compartment                                       |
| 7 Info / Menu / Alarm 1 button      | 16 USB socket (in battery compartment, for service use only) |
| 8 Preset / Alarm 2 button           |  |
| 9 Auxiliary input socket            |  |

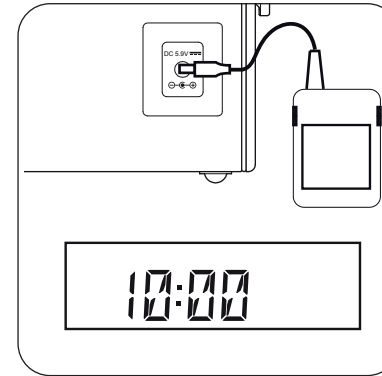
# STEP 1 - Plug in & play DAB radio

## A - Connect to the mains

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

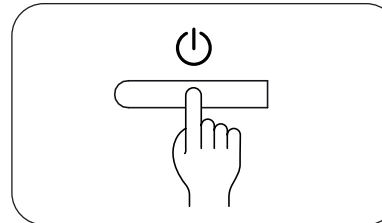
- 1 Place your radio on a flat surface.
- 2 Fully extend the **telescopic aerial** located on the rear of the radio.
- 3 Plug the cable from the mains adaptor into the **DC input socket**. Plug the mains adaptor into a wall socket and switch on the socket.
- 4 A start up screen will be displayed and a station scan will be performed. The clock will set.

**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 - Switch on your radio

- 1 Press and release the **On/Off** button to switch on the radio. After each use the radio will remember the mode used and then switch on in that mode the next time it is used. To switch off your radio press the **On/Off** button.
- 2 If this is the first time the radio is used a scan of the Band III DAB channels will be carried out (depending on whether a scan was completed in standby mode).

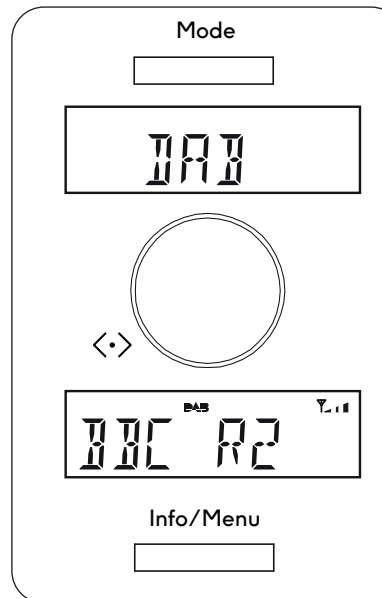


## C - Select a DAB radio station

- 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.
  - 4 Adjust the **Volume**.
  - 5 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.
- Press and release the **Info / Menu** button to cycle through the various DAB display options.

The display options are station name, scrolling text, program type, signal strength (the minimum signal marker (!) shows the minimum signal strength needed for good DAB reception), multiplex name, frequency, bit rate, time or date.

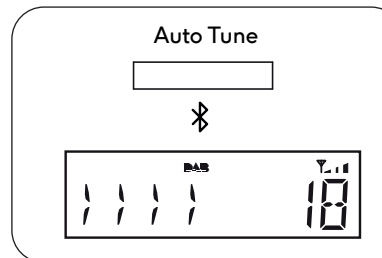
All displays except the text display will revert to the clock display after 10 seconds.



## D - Scan for DAB stations

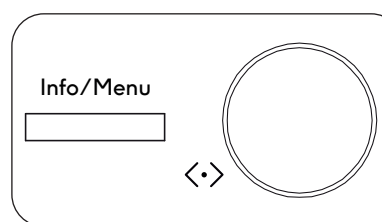
As time passes new stations may become available or you may have moved to a different part of the country.

- 1 Press and release the **Auto Tune** button.
- 2 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.



## Menu options

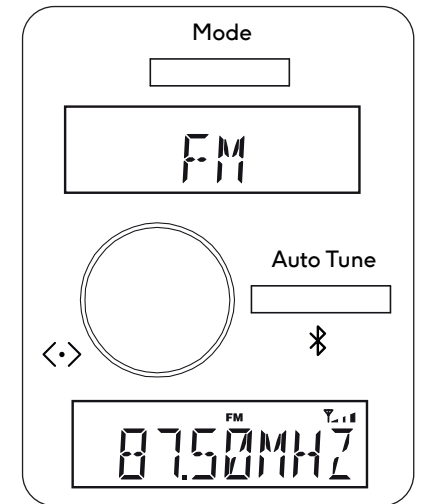
- 1 You can access your radios menu system by **applying a long press** on the **Info / Menu** button.
- 2 Rotate and press the **Tuning / Select** control to select menu options.
- 3 To exit menu options press the **Info / Menu** button as needed.



# STEP 2 - Play FM radio

## Search tuning - FM

- 1 Carefully, 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 then press and release the **Auto Tune** button. Your radio 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.
  - 4 If the signal is strong enough and there is RDS data present then the radio will display the station name.
  - 5 Adjust the **Volume**.
- Press and release the **Info / Menu** button to cycle through the various FM display options. The display options are station name, scrolling text, program type, frequency time or date.
- To manual tune, rotate the **Tuning** control to tune to a station. The frequency will change in steps of 50 kHz.



## Preset radio stations

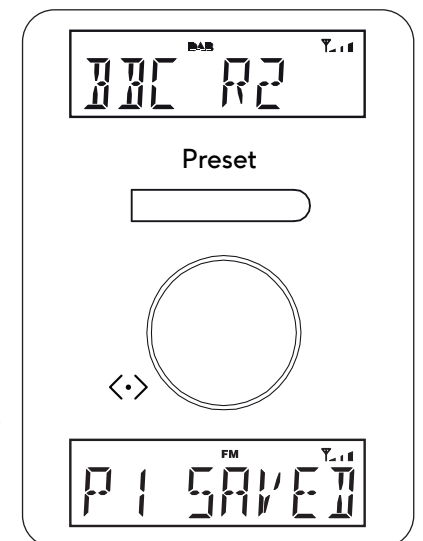
You may store your preferred DAB or FM radio stations to the preset station memories. There are 20 memory presets, 10 for DAB and 10 for FM. Presets are remembered by the radio in the event of a power failure.

### To store a preset

- 1 Ensure your radio is switched on.
- 2 Tune to the required radio station.
- 3 **Apply a long press** on the **Preset** button.
- 4 Rotate the **Tuning** control to select the desired station number under which you wish to store the station.
- 5 Press the **Tuning** control. The display will show for example, 'P1 SAVED'. Repeat this procedure for the remaining presets. Presets may be overwritten by following the above procedure.

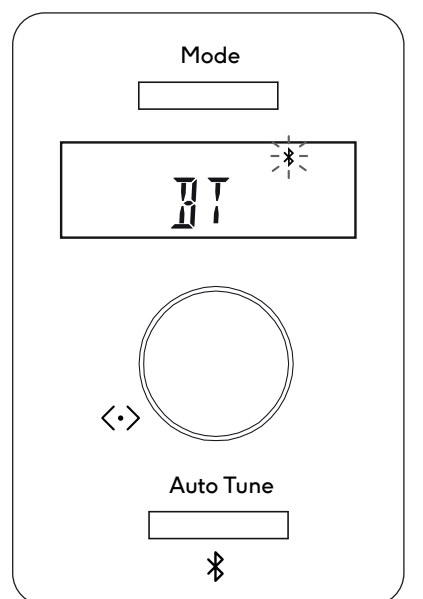
### To recall a preset

- 1 Choose DAB or FM mode.
  - 2 Press and release the **Preset** button.
  - 3 Use the **Tuning** control to select the desired preset. Your radio will tune to the station stored in the preset memory.
- Note:** The display will show 'Empty' if no station has been stored to that preset.



# STEP 3 - Bluetooth

- 1 Ensure **Bluetooth** is enabled on your smart device.
- 2 Ensure your radio is switched on.
- 3 Press and release the **Mode** button until the Bluetooth mode is selected on your radio. The Bluetooth indicator will flash and your radio will show that it is 'discoverable'.
- 4 On your smart device select 'Rambler BT'. Once the connection is established the indicator will remain steady. You may now play your music.
- 5 Adjust the volume using the **Volume** control on the radio and on the connected Bluetooth device. If you find the volume from the radio is not sufficient, it may be that the volume setting of the connected device needs to be increased.
- 6 The audio player in your smart device may be able to respond to the **Play/Pause**, **Next** or **Previous** track on the radio. Press the **Tuning** control to pause playback. Press the control again to resume playback. Rotate the control clockwise or counter-clockwise to skip to the next or previous track.
- 7 To connect a different device press and release the **Bluetooth Pair** button. Your radio will become discoverable by other devices.



## Step 4 - Setting alarms

Your radio has 2 alarms which can be set to wake you by DAB, FM radio or buzzer. Each alarm can be set to sound, once, daily on weekdays or at weekends.

**Note: The alarms can only be set with the radio in standby mode.** Alarms may be used whether the radio is powered from the mains or the batteries. Alarms will be retained in the event of a power failure. If no buttons are pressed for 1 minute, your radio will exit the alarm setup.

- When in standby mode, **apply a long press** on **Alarm 1** or **Alarm 2** button. Press **Tuning**.
- Rotate **Tuning** to select ON or OFF. If OFF is selected any current setting for that alarm will be cancelled.
- With 'ON' selected, press **Tuning**.
- Choose the desired alarm hour then the minute.
- Choose the desired alarm day option: ONCE, WEEKDAYS, WEEKENDS or DAILY.
  - If setting the alarm to once only, choose the alarm day, month and year.
- Choose the desired alarm source (DAB, FM, BUZZER).
 

If setting the alarms to the radio option, choose 'LAST' to wake up to the last listened radio station or choose a preset station which has been stored.

**Note:** That you can only use a preset which has already been stored.
- Choose the desired alarm volume using the **Tuning** control. The radio uses the saved volume settings for each radio alarm when it sounds.
- Press **Tuning** to confirm the alarm settings. 'SAVED' will show on the display before exiting the alarm setup.

Radio alarms are indicated by the symbol and the alarm number. Buzzer alarms are indicated by the symbol and the alarm number.

The alarm will sound at the selected times for up to 60 minutes unless cancelled. The maximum volume used for the alarm will be specified during alarm setup. When your radio is set to wake by the radio alarm, your radio will switch to the selected radio station. If the radio cannot tune to the specified radio station, the buzzer will be used instead. **Note:** If the radio is switched on because of a radio alarm you can control basic functions such as the volume.

When the buzzer alarm activates it will start softly and gradually increase in level. The alarm icon will flash on the screen and the radio will automatically switch back to standby mode when the 60 minutes have elapsed.

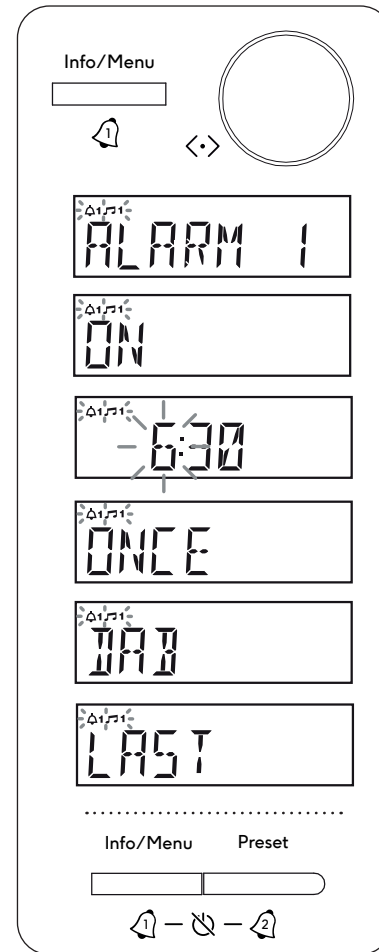
### Snooze

When the radio or buzzer alarm sounds, press and release **any button** except the On/Off button. This will silence the alarm for 5 minutes. The display will show the snooze symbol. This sequence can be repeated during the 60 minute alarm period. To cancel snooze press and release the On/Off button.

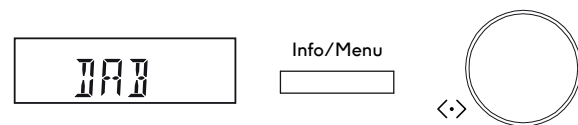
### Cancel alarm

While an alarm is sounding press and release the **On/Off** button to cancel the alarm.

Enable or disable either alarm when the radio is in standby by means of a short press on the **Alarm 1** or **Alarm 2** buttons. This function is also available when using the Eco power saving mode.



## DAB / FM menus

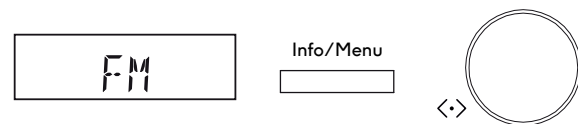


Apply a long press on **Info / Menu** to access the following DAB menu options.

**Manual tune** - Choose 'MANUAL' and then the desired DAB channel. The minimum signal marker () shows the minimum strength needed.

**DRC** - Choose 'DRC' then choose '0', '1/2' or '1'. 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.

**Prune station** - Choose 'PRUNE' and then 'PRUNE ?' to remove any stations that are no longer available.



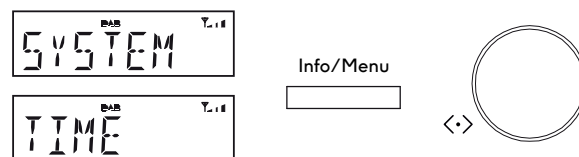
Apply a long press on **Info / Menu** to access the following FM menu options.

**Scan setting** - Choose 'SETTING' and then either 'DISTANT' (your radio will scan for both weak and strong signals) or 'LOCAL' (your radio will scan for stations with good reception).

**Stereo / Mono setting** - Your radio will play stereo broadcasts in stereo (via headphones) so long as the received signal is of adequate strength. However, as a stereo signal becomes weaker the audio signal will become poorer.

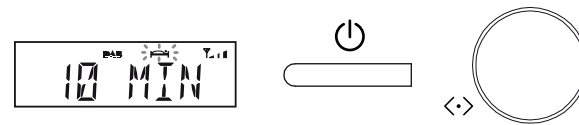
To reduce any hiss press **Tuning**. The display shows 'MONO'. To return to stereo/mono mode press **Tuning**, the display shows 'AUTO'.

## System settings



**Automatic clock update** - Your radio will usually set the clock time using the DAB signal. With your radio on, **apply a long press** on **Info/Menu**. Choose 'SYSTEM', 'TIME' then 'UPDATE'. Choose from 'ANY', 'DAB', 'FM' or 'NO UPDATE'. If you choose no update you will need to set the clock manually. The radio will set its time according to the information received.

**Set clock manually** - If no DAB signal is available you will need to set the time manually. With your radio on, **apply a long press** on **Info/Menu**. Choose 'SYSTEM', 'TIME' then 'SET TIME'. Use the **Tuning** control to set the hour, minute, day, month and year. 'SAVED' will show on the display.



**Sleep timer** - Your radio can be set to turn off after a preset time (between 10 and 90 minutes) has elapsed. Ensure your radio is switched on. **Apply a long press** on **On/Off/Sleep**. The sleep symbol will flash on the display. Set the desired sleep time. Press **On/Off** to cancel the sleep timer or set the sleep timer to 'Off'.

**Dimmer** - Press and release the **Dimmer** button to choose High, Medium, Low or Off. When using Eco power saving mode, the display is switched off completely when in standby. When the radio is in standby pressing the Tuning control will cause the radio to switch to a high brightness for a few seconds.



## Other information



The radio has an extra low-power energy saving mode for when the radio is in standby. This mode allows the radio to keep its internal clock running for days or even weeks while powered from its batteries so that the alarm function can be used without mains power being required.

When the Eco power saving mode has been activated, the radio will minimise its power consumption and the backlight and clock will not be displayed.

You will still be able to use the On/Off, Alarm 1 and Alarm 2 buttons and the clock and alarms will continue to function. The Tuning control can be pressed briefly to cause the radio to display the time for a few seconds.

When this mode is enabled there will be a short delay in response to the On/Off, Alarm 1, Alarm 2 and Tuning controls while the radio wakes up.

Press and release the **On/Off** button to switch on the radio. **Apply a long press** on **Info/Menu**. Choose 'SYSTEM', 'ECO MODE' and then choose either 'ECO ON' or 'ECO OFF'. Press **Tuning** to confirm. **Note:** This mode will only take effect when the radio is in standby. When the radio is in use, all functions operate as normal.



If you wish to completely reset your radio to its initial state perform a factory reset. **Apply a long press** on **Info/Menu**. Choose 'SYSTEM', 'FACTORY' then 'RESET'. All user entered settings will be erased.



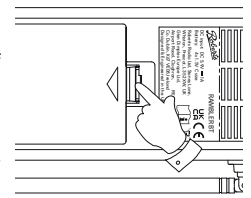
Apply a long press on **Info/Menu**. Choose 'SYSTEM', 'LANGUAGE' then choose your desired language from the list.



The software version display is only for reference. **Apply a long press** on **Info/Menu**. Choose 'SYSTEM' and then 'SW version'.

### Batteries

- Remove the battery cover located underneath the unit by applying pressure to the catch in the direction shown by the arrow and then lifting off the cover.
- Insert four C size (LR14) batteries into the spaces in the compartment. Take care to ensure all batteries are inserted with the correct polarity as shown next to the battery compartment. Replace the battery cover.
- Reduced power, distortion and a 'stuttering' sound are all signs that the batteries may need replacing. If the radio is not to be used for any extended period of time it is recommended that the batteries are removed from the radio. We recommend for economy that the radio is used via the AC adaptor whenever possible with battery operation for occasional use only.



If long term battery powered use is required, we recommend using the Eco power saving mode. This mode will maximise battery life if the radio is only used occasionally and if it is not connected to the mains at other times.

A 3.5mm **Headphone Socket** is provided for use with headphones. Inserting a plug automatically mutes the internal loudspeaker. Please be aware that the sensitivity of headphones can vary widely.

Connect a stereo or mono audio source to the **Auxiliary input** socket. Press **Mode** until AUX IN mode is selected. Adjust the volume. Note that audio will be played in mono through the speaker and in stereo through stereo headphones.

**Note:** If the unit is in the Bluetooth or Auxiliary input stop mode for more than 15 minutes it will automatically switch to the standby mode. If powered from batteries the radio will then switch off completely. To use the radio again, simply press On/Off.

### Specifications

#### Power requirements

Mains (Adaptor) AC100 ~ 240V, 50/60Hz

Batteries 4 x C size (LR14) not included

Battery life - Up to approx. 80 hours playing time using alkaline cells depending upon the volume, backlight setting and operating mode. The use of Eco power saving mode is recommended to maximise battery life if only occasional use is intended and where the radio is not connected to the mains at other times.

### Circuit features

Headphone socket 3.5mm dia.

Auxiliary input socket 3.5mm dia.

Aerial System - DAB / FM Telescopic aerial

Bluetooth standards A2DP, AVRCP

Bluetooth codec supported SBC

**Frequency coverage** FM 87.5 - 108MHz, DAB 174.928 - 239.200MHz

Bluetooth 4.1 frequencies 2.402 - 2.480GHz

#### Product markings

DC Power input 5.9V / 1.0A

~ This symbol indicates AC voltage. This symbol indicates DC voltage.

#### Mains adaptor

Manufacturer of AC Adaptor: Dongguan Turnmax Electronic Co.,Ltd, Model: TM-K006VA-00591000PE-02/03, Input voltage: AC100 - 240V, Input AC frequency: 50/60Hz, Output voltage: DC5.9V, Output current: 1.0A, Output power: 5.9W, Average active efficiency: ≥ 74.88%, No-load power consumption: < 0.1W

The name plate is located underneath the radio.

The company reserves the right to amend the specification without notice.

Designed & Engineered in the UK

Made in China

# Roberts

## Rambler BT

DAB / DAB+ / FM portable radio with Bluetooth



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



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ROBERTS RADIO LIMITED

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