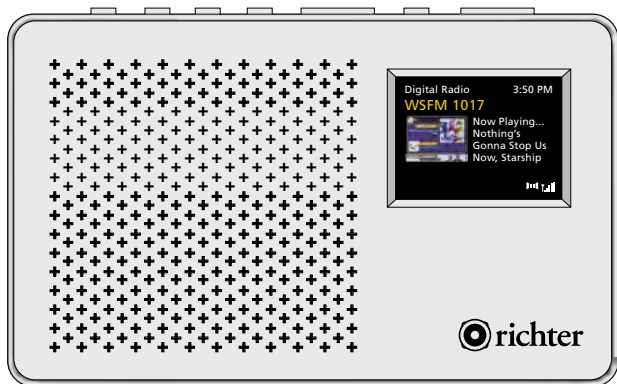


CORE+ DIGITAL RADIO



User Manual

Contents

Packing List	2
Important Safety Information	3
Specifications	4
Changing the Batteries	5
Your Core+ DAB/FM Radio	6
Using your DAB/FM Radio	7
Troubleshooting and Error Messages	16
Warranty Information	18

Packing List

- 1 x Core+ DAB/FM Digital Radio
- 1 x Instruction manual
- 1 x DC Power supply adapter

Thank you for purchasing this Richter DAB/FM radio.
Please read the instructions and warnings carefully before use to
ensure safe and satisfactory operation of this product.

Important Safety Information

- This product is only intended for audio entertainment. Do not use the product for any other purpose than described in its manual in order to avoid any hazardous situation. Improper use is dangerous and will void any warranty claim.
- For household use only. Do not use outdoors.
- **Danger!** Excessive sound pressure from earphones and headphones can cause hearing loss. If you listen to loud music for a long time, your hearing may be impaired. Set to a moderate volume.
- **Danger of suffocation!** Keep all packaging material away from children.
- Only use under normal room temperature and humidity conditions.
- The product is only suitable for use at moderate degrees of latitude. Do not use in the tropics or in particularly humid climates.
- Outdoor antennas should be located away from power lines.
- Do not move the product from cold into warm places and vice versa. Condensation can cause damage to the product and electrical parts.
- Do not use attachments or accessories other than recommended by the manufacturer or sold with this appliance. Install in accordance with its user manual.
- When installing the product, leave sufficient space for ventilation. Do not install in bookcases, built-in cabinets or the like.
- Do not install near any heat sources such as radiators, heat registers, stoves or other appliances (including amplifiers) that produce heat.
- Do not apply excessive force to the front or top, as it could ultimately overturn the product.
- Do not shift or move the product when powered on.
- Do not touch, push or rub the surface of the product with any sharp or hard objects.
- **Danger!** To reduce the risk of fire or electric shock, do not expose this product to rain or moisture.
- The product should not be exposed to dripping or splashing and no objects filled with liquids, such as vases, should be placed on the product.
- No naked flame sources, such as lighted candles, should be placed on the product.
- Before connecting the product to a socket outlet, make sure the voltage indicated on the product corresponds to your local mains.

CORE+ DIGITAL RADIO

- Never pull the adaptor power plug by the supply cord or with wet hands.
- Disconnect the adaptor power plug in case of faults during use, during lightning storms, before cleaning and when not using the product for a longer period of time.
- **Danger!** Before cleaning, switch the product off and disconnect the adaptor power plug from the socket.
- When the product has reached the end of its service life, make it defective by disconnecting the adaptor power plug from the socket and cut the cord in two.

Specifications

ITEM	SPECIFICATIONS
Model:	RR26 Core+ DAB+ / FM Digital Radio
Speaker Output Power:	1W x 1
Frequency Ranges:	FM: 87.5-108MHz. DAB: 174 - 240 MHz
LCD Display:	2.4" Colour LCD Display
Power Supply:	100-240V AC ~ 50/60 Hz Adapter: DC 5V, 1000mA
Dimension:	185mm (W) x 57mm (D) x 112mm (H)

*please only use the power adapter provided.

Changing the batteries

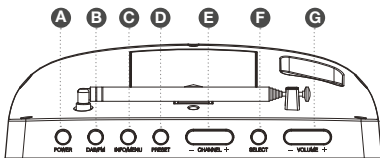
1. Your product requires 4 x AA batteries (not provided) for portable operation.
2. Batteries should be removed and replaced by adults only.
3. Only use recommended batteries or those of the same or equivalent type.
4. Do not mix old and new batteries or batteries of different types.
5. Batteries are to be inserted with the correct polarity.
6. The supply terminals are not to be short-circuited.
7. Remove exhausted batteries from item.
8. Remove batteries if equipment is not used for extended periods of time.
9. Rechargeable batteries are to be removed from the item before being recharged.
10. Rechargeable batteries are only to be charged under adult supervision.
11. Do not attempt to recharge non-rechargeable batteries.
12. Batteries contain substances that may be harmful to the environment and human health.
13. Keep out of the reach of children and seek immediate medical help if swallowed.



This symbol indicates that batteries should not be disposed of in the normal household waste but taken to appropriate local recycling facilities, where and when these are available

Never throw batteries in a fire or attempt to open outer casing.

Your Core+ DAB+/FM Radio

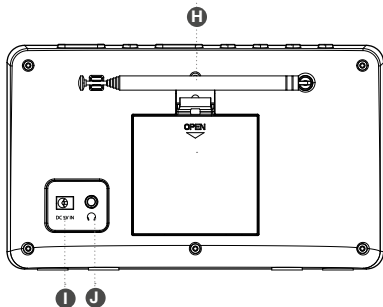


TOP VIEW

- A** POWER button
- 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

BACK VIEW

- H** Aerial
- I** DC-In socket
For connecting the Radio to the supplied (5V, 1000mA) power adapter.
- J** 3.5mm Stereo Headphone socket
(Headphones are not supplied)



Using your Core+ DAB/FM Radio

1. Power On and Autoscan

a) Connect the supplied power adapter to the Radio and mains supply, or insert 4 x AA batteries into the battery compartment. Raise and extend the aerial fully 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.

b) **Turning on the unit while plugged into mains** - Press the **"POWER"** to turn on. On first use, the RR26 will automatically search for all local DAB+ stations. Press the **"POWER"** button again to enter **"Standby"** mode.

c) **Turn on the unit while using batteries** - In battery mode, press the **'Power'** to turn on, and press again to turn off.

Note: In battery mode there is no Standby function.

2. Changing DAB Stations

In the DAB mode, the **- CHANNEL +** button allows you to navigate between the different stations then press **SELECT** to choose the station you want to listen to.

3. Adjusting the Volume

Press the **- VOLUME +** button to increase or decrease volume respectively.

4. Switching Between DAB/FM Mode

a) If the DAB Digital Radio is in DAB mode, press the DAB/FM button to select FM as shown on the display. The first time you select FM mode, it is set to the lowest frequency in the FM band 87.50MHz.

b) In FM mode, press and hold the **"- CHANNEL +"** button to scan through the FM frequencies. A scan stops when a station is found. It can be set to stop at each station or only at stations with a strong signal. (for details see Scan settings in section **5.4 Settings**).

5. INFO/MENU BUTTON

5.1 Changing the DAB or FM Display Information

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

5.2 Station List (DAB)

- Press and hold the **INFO/MENU** button to enter the menu.
- Press **CHANNEL** button to choose Station List and press **SELECT**.
- Press **CHANNEL** button to choose the station you want to listen to and press **SELECT**.

5.3 Full Scan (DAB)

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

Note: If no station is found, it shows No Station found in the display.

For Better reception, extent the antenna or repeat the full scan again in another location.

5.4 Scan Setting (FM)

By default, FM scans stop at any available station (All stations). This may result in poor quality audio from weak stations .The scan quality can be improved selecting Strong stations only.

- Press and hold the **INFO/MENU** button to enter the menu.
- Press **CHANNEL** button to choose Scan Setting and press **SELECT**.
- Press **CHANNEL** button to select option and press **SELECT** to confirm the change.

5.5 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.

- Press and hold the **INFO/MENU** button to enter the menu.
- Press **CHANNEL** button to choose Audio Setting and press **SELECT**.
- Press **CHANNEL** button to select option and press **SELECT** to confirm the change.

5.6 Manual Tune (DAB)

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.

- a) Press and hold the **INFO/MENU** button to enter the menu.
- b) Press **CHANNEL** button to choose Manual Tune and press **SELECT**.
- c) Press **CHANNEL** button to select and press **SELECT** to confirm the change.

5.7 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.

- a) Press and hold the **INFO/MENU** button to enter the menu.
- b) Press **CHANNEL** button to choose Prune Invalid and press **SELECT**
- c) Press **CHANNEL** button to select yes and press **SELECT** to confirm.

5.8 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**

Note: DRC is not broadcast or enabled in Australia.

- a) Press and hold the **INFO/MENU** button to enter the menu.
- b) Press **CHANNEL** button to choose DRC and press **SELECT**
- c) Press **CHANNEL** button to select the option and press **SELECT** to confirm the change.

5.9 Egg timer

- a) Press and hold the **INFO/MENU** button to enter the menu.
- b) Press **CHANNEL** button to choose System Settings and press **SELECT**.
- c) Press **CHANNEL** button to choose Egg Timer and press **SELECT**.
- d) Press **CHANNEL** button to increase or decrease minutes (1-99) and press **SELECT** to confirm and start count down.

Note: press **POWER** button to turn off the alarm.

5.10 Sleep Mode

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

- a) Press and hold the **INFO/MENU** button to enter the menu.
- b) Press **CHANNEL** button to choose System Settings and press **SELECT**.
- c) Press **CHANNEL** button to choose Sleep and press **SELECT**
- d) Press **CHANNEL** button to choose Sleep Time option and press **SELECT** to confirm.
- e) Press **INFO/MENU** to save and start count down.

5.11 Alarm Setting

The digital radio has 2 alarm functions that can be set for 2 different alarm settings (Alarm1 and Alarm 2).

- a). Press and hold the **INFO/MENU** button to enter the menu. Press **CHANNEL** button to choose System Settings and press **SELECT**.
- b) Press **CHANNEL** button to choose Alarm and press **SELECT**.
- c) Press **CHANNEL** button to choose Alarm 1 or Alarm 2 and press **SELECT**.
- d) Now you can see a list of selections, press **CHANNEL** button to choose and press **SELECT** to enter the change of that selection.

5.12.1 Alarm On/Off

Press **SELECT** button to choose On or Off directly.

5.12.2 Frequency

Press **CHANNEL** button to choose Frequency then press **SELECT**, press **CHANNEL** button to choose from the below options and press **SELECT**.

*Daily / Weekends / Weekdays => go to (a) **Option 1**

*Once => go to (b) **Option 2**

a) Option 1: Setting Repeating Alarms

Press **CHANNEL** button to choose Wake Up Time press **SELECT** and the Hour will flash. Press **CHANNEL** button to set the hour for the alarm and press **SELECT** to confirm. The Minute part will now flash. Press **CHANNEL** button to set the minute for alarm, press **SELECT** to confirm..

b) Option 2: Set Alarm Once

Press **CHANNEL** button to select Date/Time and press **SELECT** now and the Day will flash. Press **CHANNEL** button to set the day for the alarm and press **SELECT**. The Month part will now flash. Press **CHANNEL** button to set the month for the alarm and press **SELECT**. The Year will now flash. Press **CHANNEL** button to set the year for the alarm, press **SELECT** next Hour part will flash.

Press **CHANNEL** button to set the hour for alarm, press **SELECT** to confirm now the Minute part will flash. Press **CHANNEL** button to set the minute for alarm, press **SELECT** to confirm

c) Source

Press **CHANNEL** button to choose form below options and press **SELECT** to confirm.

*Buzzer => go to e)

*Digital Radio/FM

d) Preset

Press **CHANNEL** button to select Last Listened or a station from the saved Preset list and press **SELECT** to confirm. (Preset list is only displayed if you have saved stations as Presets.

e) Volume

Press **CHANNEL** button to increase or decrease the wake up Volume level and press **SELECT** to confirm.

i) 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.

ii) Now you can see the status of the Alarm 1 and Alarm 2. It shows On or Off, and time.

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

f) 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 volume level you set.

g) Stop the Alarm

To stop the alarm press the **POWER** button.

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

h) 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 pressing **SELECT** button continuously until you see the correct time.

Then the radio will temporary stop and exit to standby mode. When the radio starts playing again, you can press the **SELECT** button to stop it.

5.13 Set Time/Date

a) Press and hold the **INFO/MENU** button to enter the menu, press **CHANNEL** button to choose System Settings and press **SELECT**

b) Press **CHANNEL** button to choose Time/Date and press **SELECT**

c) Now you can see a list of selections, press **CHANNEL** button to choose and press **SELECT** to enter the change of a particular option:

5.13.1 Set time/date

- a) Press **SELECT** and the Day part will flash.
- b) Press **CHANNEL** button to set the day and press **SELECT** to confirm.
- c) The Month part will now flash. Press **CHANNEL** button to set the month and press **SELECT** to confirm.
- d) The Year part will flash. Press **CHANNEL** button to set the year and press **SELECT** to confirm.
- e) The Hour part will flash. Press **CHANNEL** button to set the hour and press **SELECT** to confirm.
- f) The Minute part will flash. Press **CHANNEL** button to set the minute and press **SELECT** to confirm.

5.13.2 Auto Update

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

5.13.3 Set 12 / 24 Hour

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

5.13.4 Set date format

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

5.14 Set Backlight

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

- a) Press and hold the **INFO/MENU** button to enter the menu. Press **CHANNEL** button to choose System Settings and press **SELECT**
- b) Press **CHANNEL** button to choose Backlight and press **SELECT**
- c) Now you can see a list of selections, press **CHANNEL** button to choose and press **SELECT** to confirm the change.

5.14.1 Timeout options:

On / **10 / 20 / 30 / 45 / 60 / 90 / 120 / 180** seconds

5.14.2 Backlight options:

a) On Level (when listening to the radio)

High / Medium / Low

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

b) Dim Level (standby mode)

High / Medium / Low

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

5.15 Set Language

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

b) Press **CHANNEL** button to choose Language and press **SELECT**.

c) Now you can see a selection list, press **CHANNEL** button to choose and press **SELECT** to confirm the change:

Options: **English / French / Dutch / Italian**

5.16 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**.

a) Press and hold the **INFO/MENU** button to enter the menu. Press **CHANNEL** button to choose System Settings and press **SELECT**.

b) Press **CHANNEL** button to choose Factory Reset and press **SELECT**.

c) Now you can see a Reset option, press **CHANNEL** button to choose **YES** or **NO** and press **SELECT** to confirm.

5.17 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**
2. Press **CHANNEL** button to choose Software Version and press **SELECT** to view version. Press and hold **INFO/MENU** to exit.

6. PRESET BUTTON

6.1 Storing DAB/FM Presets

Start by selecting the station you would like to store using the **CHANNEL** button, then hold down **PRESET** button for 1-2 seconds until Save to Preset is shown on the display.

Then use the **CHANNEL** button to choose which preset number you would like to save your station to between 1-40 available, then press **SELECT** to store the station in the desired preset location.

6.2 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**

6.3 Changing Standby Clock Display Style

In Standby this radio can display the time in a Digital or Analogue Styles. To change from the Default Digital display;

1. Press and hold the **INFO/MENU** button to enter the menu and press **CHANNEL** button to choose System Settings and press **SELECT**
2. Press **CHANNEL** button to choose Time/Date and press **SELECT** then use **CHANNEL** button to choose Clock Style and press **SELECT**
3. Press **CHANNEL** button to choose Clock Style option, Normal Digital (Default) Big Digital, Classic Analogue or Modern Analogue and press **SELECT** to confirm.
4. Press **INFO/MENU** button once to save and exit to System Settings.

7.1 Trouble shooting

PROBLEM	SOLUTION
There is no sound from my radio	Check that the volume is not set to the minimum. Make sure that the radio has been able to locate DAB/FM stations.
The display shows 'NO SERVICES AVAILABLE' in DAB mode	Try adjusting the position of the aerial or location of the radio. Make sure that DAB coverage exists in your area. You can check at www.digitalradioplus.com.au to see if you have Digital Radio coverage in your Post Code.
Poor reception	As with any radio service, there will be areas of weak signal that may cause poor reception. 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.

7.2 Error messages

PROBLEM	CAUSE
DAB mode	
Service not available	No DAB reception.
Signal error	The DAB signal has been interrupted.
No DAB Station	The listed station cannot be found.
(No Name)	The current station does not broadcast an identity name.
No stations found	No DAB stations are available - check aerial.
FM mode	
No Radio Text	No RDS text information is available on this station.
No PTY	No RDS programme type information is available.
No Name	No RDS station name is being broadcast.

YOUR WARRANTY

THE ENCLOSED TERMS AND CONDITIONS RELATE TO THE WARRANTY PROVIDED BY RICHTER AUDIO PTY LTD ("Richter Audio") (ABN 22 613 067 815) products purchased within Australia.

This warranty applies for a period of 1 Year (12 months) from the date of purchase ("Warranty Period")

GENERAL TERMS AND CONDITIONS OF STANDARD WARRANTY

- 1 Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.
- 2 The benefits to the consumer given by this Warranty are in addition to other rights and remedies of the consumer under a law in relation to goods or services to which the warranty relates, being the Australian Consumer Law.
- 3 Subject to Clause 1 above and the terms below, as your Standard Warranty, Richter Audio agrees to repair or replace at cost the Richter product, and any accessory supplied with the product, purchased by you in Australia when the product does not perform in accordance with the manufacturer's specifications during the Warranty period.
- 4 To make a claim under the Standard Warranty you will need to:
 - (a) Contact Richter Audio through our website www.richter.com.au for customer support.
 - (b) Refund or replacement via your Richter Audio's Authorised Retailer is available for a period of 14 days after purchase for goods that have been inspected and determined to have a major failure. Refund and exchange is not applicable if you change your mind after purchase.
 - (c) Note that you will need to submit proof of purchase (e.g. delivery invoice, invoice or purchase receipt) with your claim.
- 5 Products presented for repair may be replaced by refurbished products of the same type rather than being repaired. Refurbished parts may be used to repair the products. Replacement of the product or a part does not extend or restart the Warranty Period.
- 6 If the product presented for repair is capable of retaining user-generated data, you are advised that repair of the product may result in loss of the data. Richter Audio shall not be held responsible for any loss of such data as a consequence of fault-find or repair process.

-
- 7 The product will be at the owner's risk whilst in transit to and from the Richter Audio Service Centre, unless transported by Richter Audio or 3rd party transport booked by Richter Audio.
 - 8 Richter Audio will bear the expense of transport where transported by Richter Audio. Any other expense of claiming the warranty will be covered by the owner of the goods.
 - 9 Richter Audio may seek reimbursement of any costs incurred by them when the product is found to be in good working order. The owner of the goods will cover any return transport cost.
 - 10 Products returned to Richter Audio by a courier and are damaged in transit by insufficient packing will be quoted and the cost of the repair will be covered by the owner of the goods.

EXCLUSIONS AND LIMITATIONS

- 11 Subject always to Clause 1 the Standard Warranty will not apply:
 - (a) if the product has not been installed, operated, maintained or used in accordance with the manufacturer's instructions or specifications provided with the product.
 - (b) to damage, malfunction or failure resulting from alterations, accident, misuse, abuse, fire, liquid spillage, mis-adjustment of customer controls, use on an incorrect voltage, power surges and dips, thunderstorm activity, acts of God, voltage supply problems, tampering or unauthorised repairs by any persons, use of defective or incompatible accessories, the operation of a computer virus of any kind, exposure to abnormally corrosive conditions or entry by any insect, vermin or foreign object in the product.
 - (c) to damage arising during transportation, installation or while moving the product, or to any transportation costs of the product or any parts thereof to and from the owner, unless otherwise specified in this Warranty.
 - (d) to any third-party software or hardware not contained in the product as originally configured by the manufacturer.
 - (e) to any failure, to the extent that the failure is not a failure of the product to perform in accordance with its specifications.



richter

For support and warranty registration visit

www.richter.com.au

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.