



Tabletop Radio
R1mk3

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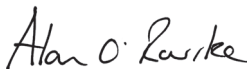
Contents

Thank you for choosing our R1 tabletop radio.

Please take the time to read this user guide as it will help you get the best from your radio.

With due care, we're confident your R1 will give you many years of listening pleasure but, should you need help or advice, please do not hesitate to contact us. As a British, family-run company, we pride ourselves on our customer service and will always do our utmost to help.

Once again, thank you for choosing Ruark Audio.



Alan O'Rourke
Founder and managing director

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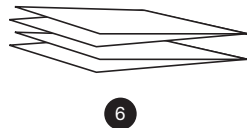
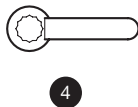
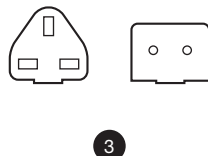
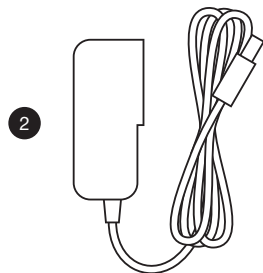
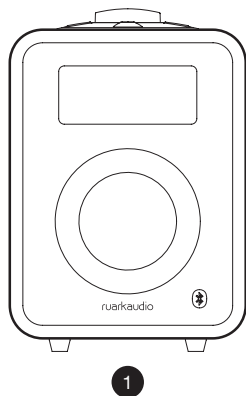
What's in the box

Ensure that all the parts listed below are in the box.

If any part is missing, do not use the R1. If purchased in the UK, contact us directly. If purchased outside the UK, please contact your Ruark Audio dealer.

1. R1 Bluetooth radio
2. AC power adaptor
3. Plug(s) for AC power adaptor*
4. Aerial spinner
5. Telescopic aerial
6. User guide

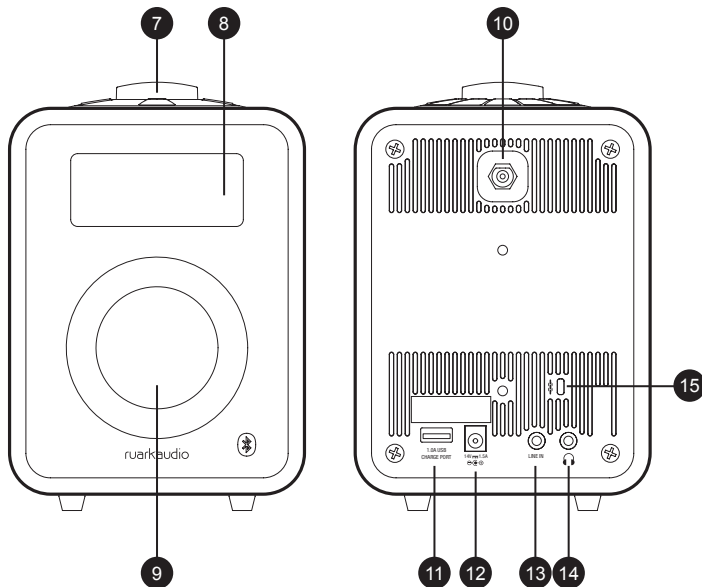
If possible, please retain carton and all packing materials.



* The number and type of plug adapters supplied will vary according to region.

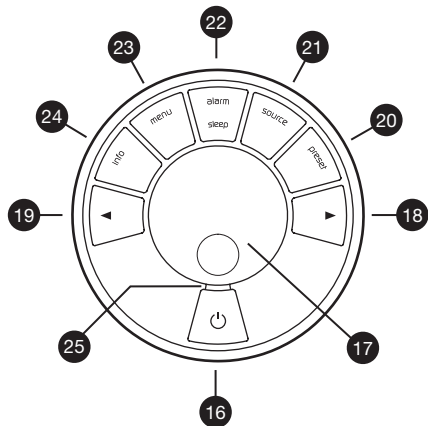
Overview

7. Controls
8. Display
9. Full range 3.5" speaker
10. Aerial socket
11. 5W 1.0A USB power output for charging external devices
12. DC power socket (14V 1.5A)
13. Line in socket (3.5mm jack)
14. Headphone socket (3.5mm jack)
15. Security slot



Controls

16. **⏻ (STANDBY)** – press to power on or off the radio.
(Press and hold for two seconds to turn it on when running off a BackPack battery.)
17. **CONTROL KNOB / SELECT**
Rotate to adjust volume from a Now-playing screen
Rotate to browse menu options*
Press to select
18. **▶ (NEXT)**
Press to tune to the next FM station
Press to display the next DAB station
Press to skip to the next track in Bluetooth
19. **◀ (PREVIOUS)**
Press to tune to the previous FM station
Press to display the previous DAB station
Press to skip to the previous track in Bluetooth
20. **PRESET** – press to recall a saved station or press and hold for two seconds to save a radio station
21. **SOURCE** – press to change audio source
22. **ALARM / SLEEP** – press once to set alarm 1, press twice to set alarm 2 or press and hold for two seconds to set sleep timer
23. **MENU** – press to view the options menu
24. **INFO** – press to change the displayed information about the current station or track
25. Indicator light – indicates radio is on and flashes when Bluetooth is ready to connect or pair.



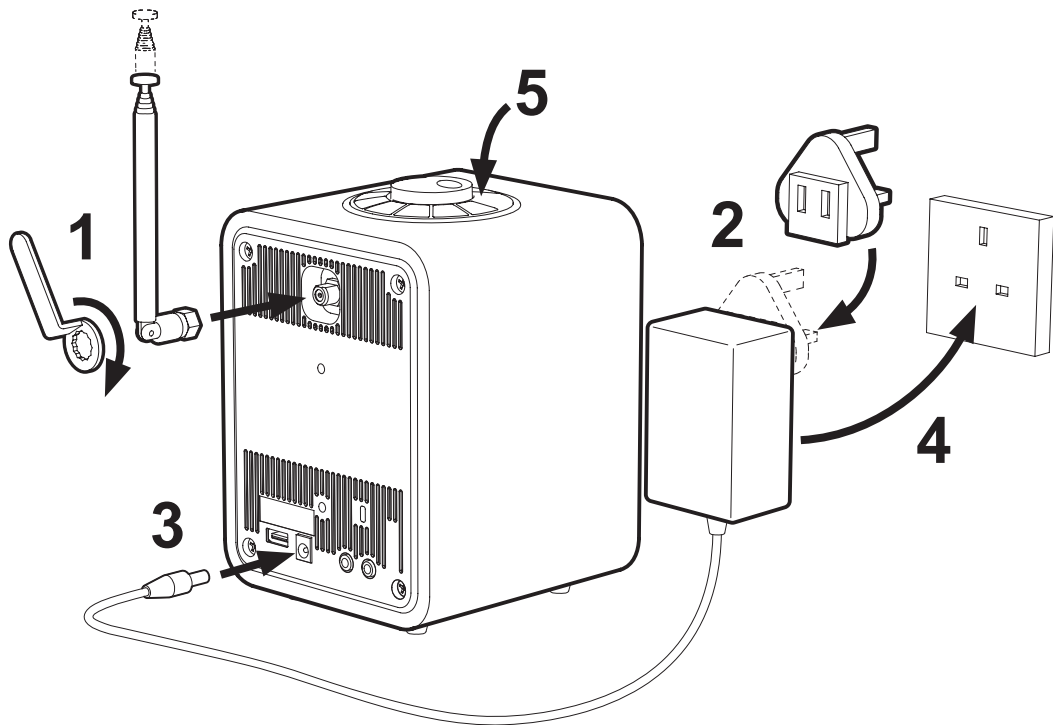
* You can also press ▶ or ◀ to browse menus

How long you press a key is important

Press = tap or press and immediately release

Press and hold = press and release after two seconds

Getting started



1. Fit aerial

Connect the aerial to the socket on the back of your R1 and tighten the nut with the spanner. If you do not tighten the nut, the aerial may come loose when moving the aerial.

Place your R1 on a suitable shelf or table and fully extend the aerial to ensure you get the best possible radio reception.

2. Fit the plug to the AC power adapter

Fit the correct plug for your region to the mains power supply. When you fit the plug adapter, it will “click” into place.

3. Connect the DC cable

Connect the DC cable from the power supply to the DC power socket on the back of your R1.

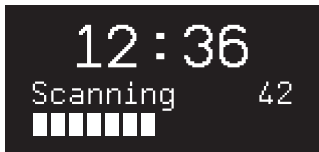
4. Connect to AC mains

Plug the AC power adapter into a mains power socket.

5. Turn on

Press  to turn the radio on.

The first time you turn it on, your R1 will automatically scan for DAB stations and adjust the time and date. It will then tune to the first available DAB station.



Specifications

R1 Tabletop Radio

- DAB / DAB+ / FM with RDS
- Bluetooth 3.0
- Multilanguage user interface
- Headphone output (3.5mm jack)
- Line in input (3.5mm jack)
- Custom 3.5" loudspeaker in tuned bass reflex cabinet
- 9W nominal power output
- Removable telescopic DAB / FM aerial with F-Type connector
- 5W USB charge port output
- Security slot
- High contrast OLED display
- Backpack battery compatible
- Dimensions: 175 x 130 x 133 mm (6.9 x 5.1 x 5.3 ins)
- Weight: 1.5 kg (3.3 lbs)

Power supply

- Input power 100V to 240VAC 50-60Hz 0.75A max
- Output power 14VDC 1.5A

Common functions and system settings

Switch on and to standby

Press **⏻** to turn your radio on. Press again to switch to standby. To switch it on when running off a BackPack battery, press and hold **⏻** for two seconds until the Ruark Audio logo is displayed. See BackPack section for more details.

Now-playing screens

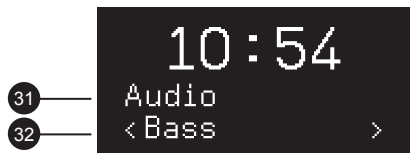
Unless you're adjusting a setting, the screen will look like the example below.



- 26. Clock
- 27. Alarm 1 & 2 icon
- 28. Sleep timer icon
- 29. Preset number
- 30. Station / track information

Menu screens

The menus enable you to set the various options such as adjusting the bass and treble. To change a setting, press **MENU** to display the list of available options, rotate the **CONTROL KNOB** to scroll through the list, and then press the knob to confirm your selection.



- 31. Menu title
- 32. Menu option

To change settings – press **MENU**

To scroll through options – rotate **CONTROL KNOB**

To select option – press **CONTROL KNOB**

To exit menu – press **MENU** or wait for a few seconds

Adjust volume

Rotate the **CONTROL KNOB** from any Now-playing screen.

Speaker volume and headphone volume are adjusted separately, so when headphones are plugged in the volume is shown as *Volume (HP)*.

Please note that rotating the **CONTROL KNOB** when a menu or station list is displayed will scroll through the options or stations and not change the volume.

Change audio source

Press **SOURCE** to view the current source, rotate the **CONTROL KNOB** to scroll through the list of sources, then press the knob to select a source. (You can also press **SOURCE** repeatedly to cycle through the list of sources instead of rotating the knob.)

Change DAB radio station

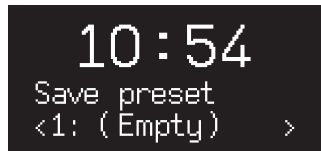
Press ► or ◀ to scroll through the stations in the station list, then press the **CONTROL KNOB** to tune to the new station. See DAB section for more details.

Change FM radio station

Press ► or ◀ to seek the next or previous station. See FM section for more details.

Save preset

Press and hold **PRESET** for two seconds, rotate the **CONTROL KNOB** to choose the preset number, then press the knob to save the current station. Presets are either marked with the station name, frequency or as '(Empty)'.



If you save a station over an existing preset, the new station will replace it.

Recall preset

Press **PRESET**, rotate the **CONTROL KNOB** to scroll through the preset station list, then press the knob to select a station. (You can also scroll through the presets by repeatedly pressing **PRESET**.)



Connect a Bluetooth device

Your R1 will attempt to automatically connect to the last connected device. If you have not yet paired your device or the previous device is not available, your R1 will enter into pairing mode. See Bluetooth section for more details.

Station or track information

Press **INFO** to cycle through the different station / track information available.

Bass and treble

MENU > System > Audio > Bass or Treble

Adjust the bass and treble levels using the **CONTROL KNOB** then press it to save the setting.

Loudness

MENU > System > Audio > Loudness

Loudness automatically boosts the treble and bass frequencies at lower volumes.

Display brightness

MENU > System > Brightness

You can independently adjust the brightness of the display when the radio is on (On level) and in standby (Standby level). When in standby and the standby brightness is set to Off, pressing any key will briefly illuminate the display.

Date and time

MENU > System > Date and time

The time and date are automatically synchronised with national time signals broadcast over DAB and FM (when available).

You can also set the time manually by turning off auto update and you can select the time format (12 or 24 hour) and date format (dd-mm-yyyy or mm-dd-yyyy).

Language

MENU > System > Language

Change the user interface.

Factory reset

MENU > System > Factory reset

Resets all settings and clears presets.

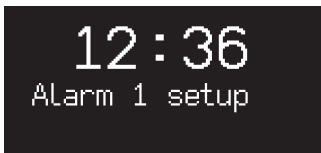
Please note that **MENU > System > Audio > Bass** means press **MENU**, select **System**, select **Audio** and finally select **Bass**

Alarms, snooze and sleep

Setting an alarm

An active alarm is indicated by the alarm icon (27) and when it sounds, the icon flashes.

Press **ALARM** once to set or change alarm 1 and twice for alarm 2, then press the **CONTROL KNOB** to select.



Follow the on-screen instructions to set the alarm time, duration, source and volume by using the **CONTROL KNOB**. Rotate it to scroll through options and press it to select.

You will also be prompted to choose if and when the alarm repeats (daily, once, weekends or weekdays) and you can choose to have the alarm play a radio station or sound a tone. Please note that it is not possible to use a Bluetooth source for the alarm.

IMPORTANT: the alarms will not work when running off a BackPack battery. To use the alarm function, your R1 must be plugged into mains power.

Quickly turn alarms on and off

Press **ALARM** once for alarm 1 and twice for alarm 2, then rotate the **CONTROL KNOB** to choose *On* or *Off*, and finally press the knob to save the setting.

Snooze

Press the **CONTROL KNOB** to temporarily silence a sounding alarm, press it again to increase the snooze period (5, 10, 15 or 30 minutes).

To cancel an alarm that is sounding or snoozing, press and hold the **CONTROL KNOB** for two seconds or press **ALARM**.

Sleep timer

To set the time after which your R1 will automatically switch to standby, press **SLEEP** for two seconds. Then press the **CONTROL KNOB**, rotate it to choose the delay in minutes (Off, 15, 30, 45, 60, 90) and finally press the knob again to confirm your selection. The display then returns to the Now-playing screen and displays the sleep icon (28).

Alarms can also be set with your R1 radio in standby

Bluetooth

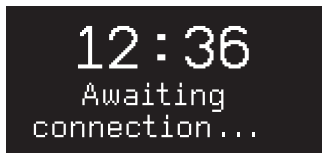
Your R1 radio is Bluetooth enabled and can receive music streamed from a Bluetooth smartphone, tablet or laptop.

Press **SOURCE** and rotate the **CONTROL KNOB** or repeatedly press **SOURCE** until *Bluetooth* is displayed, then press the knob to select it.


To connect your device you must first establish a secure connection to your R1, a process called pairing.

Pairing your Bluetooth device

When you have changed the source to Bluetooth, wait until *Awaiting connection...* is shown and the indicator light (25) on top flashes.



Use the Bluetooth setup on your streaming device to pair and connect it to your R1. It will appear in the list of paired devices as *Ruark R1*.

When connected the display shows  *connected: your device name* (eg Archie's phone) and the indicator light stops flashing.

It may take a few seconds for your R1 to appear in the list on your device, and in some cases you may need to input "0000" as the pairing password.

If you do not connect within a few minutes, your R1 will stop attempting to connect and show *No connection*. To connect, select **MENU > Connect device**.

Connecting your Bluetooth device

As soon as you switch to Bluetooth, your R1 will display *Connecting* as it attempts to connect to the first device in its paired devices list.

If that device isn't available, it displays *Awaiting connection...* To connect to your R1, ensure the Bluetooth function on your device is on, and select *Ruark R1* from the list of available devices.

If you have more than one device paired to your R1, you can choose which device to connect to from the list of paired devices by selecting **MENU > Paired devices**.

When you choose a device in this way, it will become first in the paired devices list and so become the device your R1 will try to automatically connect to.

Play audio

Once connected, audio from your Bluetooth device will play through your R1. For more information on playing audio from your Bluetooth device, refer to your device's documentation.

Please note that you may need to select Ruark R1 or Bluetooth as your audio output on your device.

Skip track

Press ► or ◀ to skip to the next or previous track.

Now-playing information

Artist, album and track name will show if your Bluetooth device and app support Bluetooth metadata. To change what is shown press **INFO**.

Operating range

This is typically up to 10 metres (30 feet) from your R1, although obstructions such as walls may reduce this.

Adjust volume

The volume of your R1 and Bluetooth device are linked so you can control the volume of your R1 during Bluetooth playback by adjusting the volume on your device.

This function may not be supported by all devices.

Disconnect current device

To disconnect the current device and connect a new one, select **MENU > Connect device**.

Pairing additional devices

You can pair up to 7 devices, although you will only be able to play audio from one device at a time.

Clearing the paired devices list

If you are having trouble connecting your Bluetooth device, we recommend you clear all pairing information. To do this, select **MENU > Forget devices**.

You will also need to delete *Ruark R1* from the paired devices list on your Bluetooth device before pairing it to your R1 again. For more information, refer to your device's documentation.

For help with using Bluetooth, please visit www.ruarkaudio.com/support

Note: You cannot use the Bluetooth function on your R1 to connect to Bluetooth headphones

DAB radio

Your R1 radio receives DAB / DAB+ digital radio and displays information about the station and programme being broadcast.

Press **SOURCE** and rotate the **CONTROL KNOB** or repeatedly press **SOURCE** until *DAB radio* is displayed, then press the knob to select it.

The first time you use your R1, or if the station list is empty, it will automatically perform a full scan to find what stations are available.

Change station

Press ► or ◀ to show the station list. Pressing it again shows the next or previous station, to tune to a station, select it by pressing the **CONTROL KNOB**.



If you do not select the station by pressing the knob your radio will return to the current station.

Once the station list is displayed, you can scroll through the list by rotating the **CONTROL KNOB** and selecting a station by pressing the knob.

You can also show the station list by selecting **MENU > Station list**.

DAB radio text (DLS)

DLS (Dynamic Label segment) is information broadcast by the station. Each time you press **INFO**, the next set of information is displayed, cycling through radio text, programme type, signal strength, signal format and date.

Save preset

You can store 10 DAB stations in your preset list. See 'Common functions and system settings' section.

Recall preset

'See Common functions and system settings' section.

Secondary services

Some DAB radio stations have one or more secondary stations associated with them. If a secondary station is available '>>' is shown after the current station name. The secondary station will then appear as the next station in the station list so you can select it like you would any other DAB station.

Secondary stations are indicated with '<<' before the station name.

Station order

The DAB station list can be ordered by *Alphanumeric* or *Ensemble*. Alphanumeric puts the stations in alphabetical order, Ensemble groups stations from the same broadcaster together.

To change station order, select **Menu > Station order** and select **Alphanumeric** (default), **Ensemble** or **Valid**. Valid shows available stations first and places invalid stations (marked with '?') last.

Station scan

If the station list is empty the radio will automatically perform a full scan as soon as you switch to DAB.

In any case, we recommend you do a full scan from time to time to update the station list because:

- New stations sometimes become available
- Stations close or may no longer be received
- Reception was poor during the original scan (for example the aerial wasn't extended)
- You move the radio to a different region

To do a full scan, select **MENU > Scan**.

Remove weak or invalid stations

Weak (bubbling) or invalid stations have a '?' in front of the station name. They can all be removed by selecting **MENU > Prune**.

For optimal reception, fully extend the aerial and adjust its position.

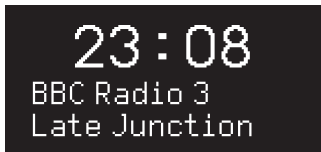
FM radio

Your R1 radio receives analogue radio from the FM band and, when available, displays the station name and radio text using RDS (Radio Data System) information.

Press **SOURCE** and rotate the **CONTROL KNOB** or repeatedly press **SOURCE** until *FM radio* is displayed, then press the knob to select it.

Change station

Press ► or ◀ to automatically tune to the next available FM station.



If RDS is unavailable the frequency is displayed instead.

The scan sensitivity is set to **All stations** by default so your R1 will stop at any available station. If this results in poor audio from weak stations, you can change the scan setting so it only stops at stations with a strong signal by selecting **Menu > Scan setting > Strong stations only**.

FM radio text (RDS/RBDS)

Each time you press **INFO**, the next set of information is displayed, cycling through radio text, programme type, frequency, signal strength and date.

Manual tune

Select **MENU > Manual tune** then rotate the **CONTROL KNOB** to change the frequency.

Save preset

See 'Common functions and system settings' section.

You can store 10 FM stations in your preset list. If RDS data is not available, your R1 will store the frequency instead of the station name in the preset list.

Recall preset

'See Common functions and system settings' section.

For optimal reception, fully extend the aerial and adjust its position.

Line in

Listen to an external audio device such as a portable music player using a 3.5mm stereo jack cable connected to the Line in socket (13) on the back of your R1.

Press **SOURCE** and rotate the **CONTROL KNOB** or repeatedly press **SOURCE** until *Line in* is displayed, then press the knob to select it.

If your external audio source has a volume control you may need to adjust it for best performance. If it's too high the sound may distort; if it's too low the playback volume may be too low.

Headphones

Connect your headphones to the 3.5mm stereo jack socket (14) on the back of your R1.

Headphone volume is adjusted independently from speaker volume, so when headphones are plugged in the volume is shown as *Volume (HP)*.

Charge port


Your R1 has a 5W, 1.0A USB power output on the back.

Connect a USB cable compatible with your device to the charge port (11) on your R1 to charge most smartphones including iPhones and most Android and Windows phones.

Please note that the charge port is not compatible with Apple iPad or iPad mini or any other device that requires a charger with an output greater than 5W.

Using a BackPack battery

Your R1 is fully compatible with the Ruark R1 BackPack battery. See www.ruarkaudio.com

To save power, your R1 will switch off completely rather than go into standby when running on battery. To turn it back on, press and hold  for two seconds until the Ruark Logo is displayed.

IMPORTANT: the alarms will not work when running off battery. To use the alarm function, your R1 must be plugged into mains power.

Please note that charging a device when your R1 is powered by a BackPack will significantly reduce the run time of your R1.

Safety and regulatory information

- Read this user guide and follow all instructions, it will help you set up and operate your product properly.
- Heed all warnings and keep this user guide for future reference.
- Do not attempt to use a damaged device as this could result in a dangerous electric shock.
- Do not open the unit or remove any panels to expose the electronics. No user serviceable parts inside.
- Refer all servicing to qualified service personnel. Servicing is required when the device has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the device, the device has been exposed to rain or moisture, does not operate normally, or has been dropped.
- This device is intended to be operated ONLY from the AC Voltages listed on the back panel or included power supply. Operation from other voltages other than those indicated may cause irreversible damage to the device and void the product warranty.
- Use only the power supply provided with the device or an approved alternative.
- Ensure that the power adapter, mains plug or mains connector into the unit is readily accessible in case disconnection from the mains is required.
- The mains adapter, mains plug or mains connector must be removed from the socket to completely disconnect the system from mains power.
- Liquids can cause a failure and/or a fire hazard. Do not expose this device to dripping or splashing, and do not place objects filled with liquids, such as vases, on or near the device.
- Do not place any naked flame sources, such as lighted candles, on or near the device. Do not install near any heat sources such as radiators, stoves, or other devices (including amplifiers) that produce heat.
- Avoid exposure to extreme heat or cold.
- Only use attachments/accessories specified for this device. Make no modifications to the system or accessories. Unauthorised alterations may compromise safety, regulatory compliance, and system performance.
- Only use the supplied aerial or an approved replacement.
- To reduce the risk of fire or electrical shock, do not expose the device to rain or moisture. Do not expose this device to dripping or splashing, and do not place objects filled with liquids, such as vases, on or near the device. As with any electronic products, use care not to spill liquids into any part of the system. Liquids can cause a failure and/or a fire hazard.
- Unplug this device during lightning storms or when unused for long periods of time to prevent damage to this device.
- To prevent risk of fire or electric shock, avoid overloading wall outlets, extension cords, or integral convenience receptacles.
- Long-term exposure to loud music may cause hearing damage. It is best to avoid extreme volume when using headphones, especially for extended periods.
- The remote control supplied with this product contains a Lithium coin cell battery. Do not swallow. Keep new and used batteries away from children. Do not handle leaking or damaged batteries.
- Long-term exposure to loud music may cause hearing damage. It is best to avoid extreme volume when using headphones, especially for extended periods.
- Do not install this device in a confined space. Always leave a space of at least 10cm around the device for ventilation and ensure that curtains or other objects never cover ventilation openings on the device.



This device is labelled in accordance with European Directive 2002/96/EC concerning waste electrical and electronic equipment. This symbol indicates that the product or associated batteries should not be disposed of as general household waste. As with any electrical equipment, please dispose of it according to local regulations.



CE COMPLIANCE INFORMATION

This product conforms to all EU Directive requirements as applicable by law. You may obtain a free copy of the Declaration of Conformity by contacting your dealer, distributor, or Ruark Audio.



FCC COMPLIANCE INFORMATION

This product complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

Any modifications not approved by Ruark Audio may void the authority granted to the user by the FCC to operate this equipment.

This equipment complies with FCC and Industry Canada radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 cm between radiator and your body.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against

harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Approved under the verification provision of FCC Part 15 as a Class B Digital Device.

Guarantee information

We guarantee this product to be free from defects for a period of two years from date of purchase, providing due care and attention has been paid. Product failure through accidental damage (however caused), excessive wear and tear, negligence or unauthorised modification will void your guarantee.

Should you experience a problem please contact us via our website www.ruarkaudio.com or by calling directly on 01702 601410 where we will advise the course of action. If your product needs to be returned it should be packaged in its original packing along with proof of purchase. If it is not possible to return the product by hand, then it should be sent carriage prepaid by a reputable parcel carrier. If the original packing is not available, replacement packing can be purchased from us.

Guarantee for overseas sales

The distributor in the country of purchase guarantees products purchased outside the UK. For details, please contact your local Ruark distributor or outlet.

THIS GUARANTEE IN NO WAY VARIES OR REMOVES THE PURCHASER'S STATUTORY RIGHTS. E&OE

General care

- Clean with a soft, lint-free duster or slightly dampened cloth. Do not use wax sprays or other substances as these may damage the surface finish or impair performance.
- Do not expose your unit to direct sunlight, high humidity, dust, excessive vibration or extreme temperatures, all of which can affect the finish, performance and reliability of the unit.
- Recommended operating temperature range is 5°C to 40°C.
- Natural wood finish cabinets will vary and lighten or darken with age, particularly when exposed to sunlight.

Copyright and trademarks

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