

# Designed to be seen Engineered to be heard

R610

## R610 Music Console Quick start guide

DA Hurtig start guide  
DE Schnellstartanleitung  
ES Guía de inicio rápido  
FR Guide de démarrage rapide

IT Guida rapida  
JA クイックスタートガイド  
KO 빠른 시작 가이드  
NL Snelstartgids

NO Hurtigstartveiledning  
PL Skrócona instrukcja obsługi  
TH คู่มือเริ่มต้นอย่างรวดเร็ว  
ZH 快速入门指南



# Statement of Federal Communications Commission (FCC)

FCC ID:2AJAA-R610 & contains FCC ID:2AJYB-ST1955

This device 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.

Modifications not expressly approved by Ruark Audio Ltd could void the user's authority to operate the equipment.

Note: 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.
- This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

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

# UK PSTI Statement of Compliance

Ruark Audio, as the manufacturer, hereby declares that this R610 Music Console complies with the applicable security requirements in Schedule 1 of the Product Security and Telecommunications Infrastructure (PSTI) Act 2022 by adhering to the harmonised standard Cyber Security for Consumer Internet of Things: Baseline Requirements, ETSI EN 303 645 V2.1.1 (2020-06).

The minimum support period for this product is 2 years after its end-of-life date. For up to date information on this product's end-of-life please visit: [ruarkaudio.com/customer-support/product-support](https://ruarkaudio.com/customer-support/product-support)

Signed on behalf of Ruark Audio Ltd



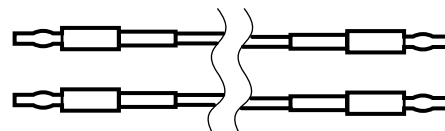
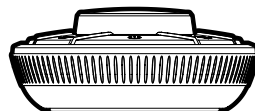
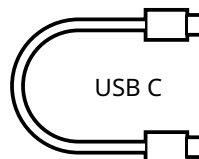
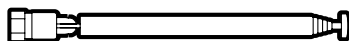
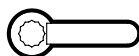
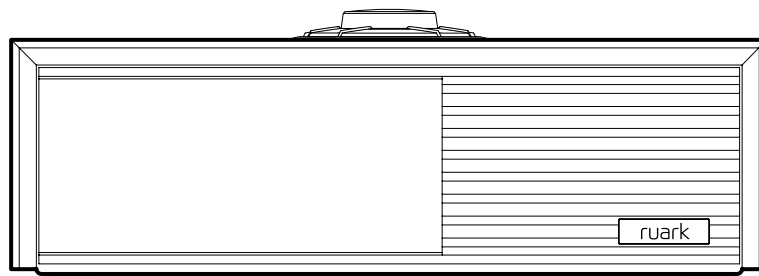
Simon Young  
Product development manager  
20 May 2024

Ruark Audio Ltd, 59-60 Tailors Court, Temple Farm Industrial Estate, Southend-On-Sea, Essex, SS2 5TH, UK

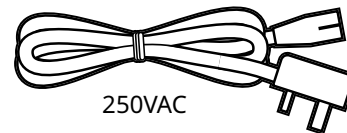
**HDMI**<sup>TM</sup>  
HIGH-DEFINITION MULTIMEDIA INTERFACE

 **Bluetooth**<sup>®</sup>

 **Qualcomm**<sup>®</sup>  
aptX<sup>®</sup> HD



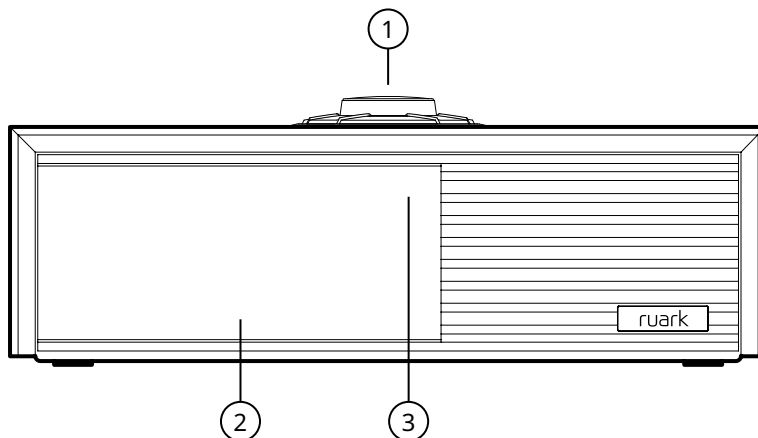
100% Cu - 14 AWG - 3m



EN Included items  
DA Inkluderede varer  
DE Enthaltene Artikel  
ES Artículos incluidos  
FR Articles inclus

IT Articoli inclusi  
JA 同梱品  
KO 포함된 항목  
NL Inbegrepen artikelen

NO Inkluderte varer  
PL Zawarte elementy  
TH รายการที่รวมอยู่  
ZH 包含项目



## EN

1. Controls
2. TFT display
3. Ambient light sensor
4. Sub output
5. Phono input
6. Line input
7. Optical input
8. HDMI (eARC)
9. USB C
10. Ethernet port
11. DAB-FM antenna
12. AC mains switch
13. AC mains inlet
14. Left speaker out
15. Right speaker out
16. Audio out
17. Chassis ground

## DA

1. Kontroller
2. TFT-skærm
3. Lysdetektor
4. Sub udgang
5. Phono-indgang
6. Linjeindgang
7. Optisk indgang
8. HDMI (eARC)
9. USB C
10. Ethernet-port
11. DAB-FM-antenne
12. Strømafbryder
13. AC strømforsyning
14. Venstre højttalerudgang
15. Højre højttalerudgang
16. Lydudgang
17. Chassis jord

## DE

1. Kontrollen
2. TFT-Anzeige
3. Lichtdetektor
4. Ausgang/Sub
5. Phono-Eingang
6. Audio-Eingang
7. Optischer Eingang
8. HDMI (eARC)
9. USB C
10. Ethernet Anschluss
11. DAB-FM-Antenne
12. Netzschalter
13. Netzeingang
14. Linker Lautsprecheranschluss
15. Rechter Lautsprecheranschluss
16. Audioausgang
17. Chassis-Masse

## ES

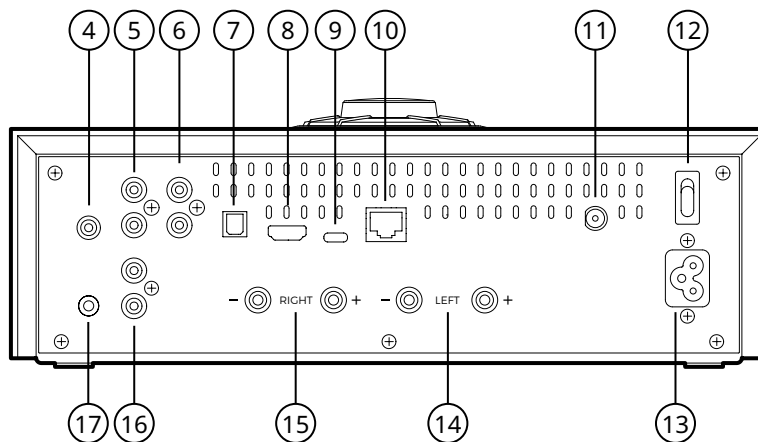
1. Controles
2. Pantalla TFT
3. Detector de luz
4. Salida de sub
5. Entrada de phono
6. Entrada de línea
7. Entrada óptica
8. HDMI (eARC)
9. USB C
10. Puerto Ethernet
11. Antena DAB-FM
12. Entrada de alimentación
13. Antena DAB-FM
14. Altavoz izquierdo apagado
15. Altavoz derecho apagado
16. Salida de audio
17. Tierra chasis

## FR

1. Contrôles
2. Écran TFT
3. Détecteur de lumière
4. Sortie de sub
5. Entrée phono
6. Entrée de ligne
7. Entrée optique
8. HDMI (eARC)
9. USB C
10. Port ethernet
11. Antenne DAB-FM
12. Interrupteur secteur
13. Prise secteur
14. Sortie haut-parleur gauche
15. Sortie haut-parleur droit
16. Sortie audio
17. Masse châssis

## IT

1. Controlli
2. Display TFT
3. Rilevatore di luce
4. Uscita di sub
5. Ingresso phono
6. Ingresso linea
7. Ingresso ottico
8. HDMI (eARC)
9. USB C
10. Porta ethernet
11. Antenna DAB-FM
12. Interruttore alimentazione
13. Ingresso rete CA
14. Uscita altoparlante sinistro
15. Uscita altoparlante destro
16. Uscita audio
17. Massa telaio



## JA

1. コントロール
2. TFTディスプレイ
3. 光検出器
4. サブ出力
5. フォノ入力
6. ライン入力
7. 光入力
8. HDMI (eARC)
9. USB C
10. イーサネット
11. DAB-FMアンテナ
12. 主電源スイッチ
13. AC 電源インレット
14. 左スピーカー出力
15. 右スピーカー出力
16. オーディオ出力
17. アース

## KO

1. 통제 수단
2. TFT 디스플레이
3. 빛 감지기
4. 서브우퍼 출력
5. 포노 입력
6. 라인 입력
7. 광학 입력
8. HDMI (eARC)
9. USB C
10. 이더넷 포트
11. DAB-FM 안테나
12. AC 메인 스위치
13. AC 주전원 입구
14. 왼쪽 스피커 출력
15. 오른쪽 스피커 출력
16. 오디오 출력
17. 음터컬 입력

## NL

1. Besturing
2. TFT-scherm
3. Licht detector
4. Sub-uitgang
5. Phono-ingang
6. Lijningang
7. Optische ingang
8. HDMI (eARC)
9. USB C
10. Ethernet-poort
11. DAB-FM-antenne
12. Netschakelaar
13. AC-aansluiting
14. Linker luidsprekeruitgang
15. Rechter luidsprekeruitgang
16. Audio uitgang
17. Chassis grond

## NO

1. Kontroller
2. TFT-skjerm
3. Lysdetektor
4. Sub utgang
5. Phono-inngang
6. Linjeinngang
7. Optisk inngang
8. HDMI (eARC)
9. USB C
10. Ethernet-port
11. DAB-FM antenne
12. Strømbryter
13. AC strøminntak
14. Venstre høyttalerutgang
15. Høyre høyttalerutgang
16. Lyd ut
17. Chassis jord

## PL

1. Sterownik
2. Wyświetlacz TFT
3. Detektor światła
4. Wyjście podrzędne
5. Wejście gramofonowe
6. Wejście liniowe
7. Wejście optyczne
8. HDMI (eARC)
9. USB C
10. Port ethernet
11. Antena DAB-FM
12. Gniazdo sieciowe AC
13. Uziemienie podwozia
14. Wyjście na lewy głośnik
15. Wyjście na prawy głośnik
16. Wyjście dźwięku
17. Uziemienie podwozia

## TH

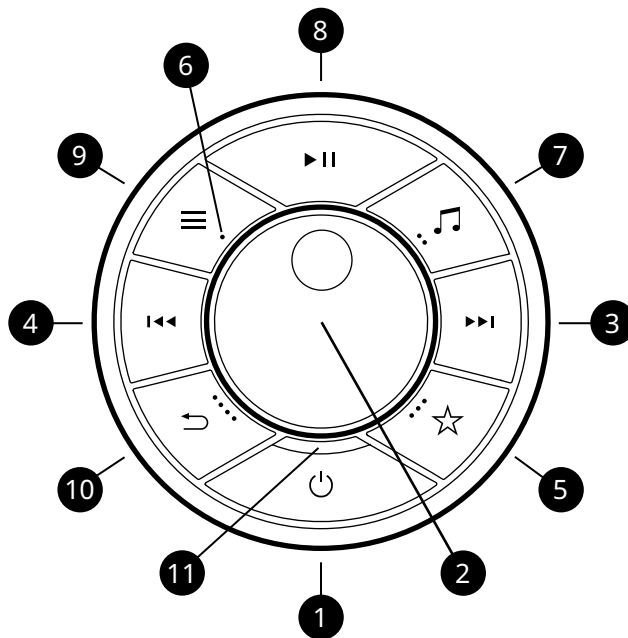
1. การควบคุม
2. หน้าจอ TFT
3. เซ็นเซอร์แสงแวดล้อม
4. เอาต์พุตซับวูเฟอร์
5. อินพุตโฟโน
6. อินพุตไลน์
7. อินพุตแสงออปติคัล
8. HDMI (eARC)
9. USB C
10. พอร์ตอีเทอร์เน็ต
11. เสาอากาศ DAB-FM
12. สวิตช์ไฟหลัก
13. การเข้าไฟหลัก AC
14. เอาต์พุตลำโพงด้านซ้าย
15. เอาต์พุตลำโพงด้านขวา
16. เอาต์พุตเสียง
17. คราวด์แชสซี

## ZH

1. 控制按键
2. TFT显示器
3. 光探测器
4. 低音炮输出
5. 唱机输入
6. 线性输入
7. 光纤输入
8. HDMI (eARC)
9. USB C
10. 以太网端口
11. DAB-FM 天线
12. 交流电源开关
13. 交流电源插座
14. 左扬声器输出
15. 右扬声器输出
16. 音频输出
17. 底盘接地

# Controls

1. **STANDBY**
2. **CONTROL KNOB / SELECT**  
Rotate to adjust volume from a "Now Playing" screen.  
Rotate to browse menus.  
Press to **SELECT**.
3. - press to skip to next track or DAB/FM station. In standby, press to increase display brightness.
4. - press to skip to previous track or DAB/FM station. In standby, press to decrease display brightness.
5. **PRESET** - press to save or recall a preset station, playlist or source.  
To recall a preset, highlight it, then press **SELECT**.  
To save the currently playing station, playlist or source, highlight a preset, then long press **SELECT**.
6. - - - - long press to directly recall presets 1-4.
7. **SOURCE** - press to change audio source.
8. - press to play/pause a track or mute audio.
9. **MENU** - press to view the settings menu, press again to return to the "Now Playing" screen.
10. **BACK** - press to return to the previous menu or screen.
11. LED - indicates the system is on and flashes when Bluetooth is ready to connect or pair.



## Tips

You can also press or to browse menus, sources or station lists.

Currently playing tracks and stations or saved settings are highlighted in a contrasting colour.

**Press** = press and release immediately.

**Long press** = press and release after two seconds.

# Specifications

## Amplifier

Hi-Fidelity Class-D  
2 x 75W into 4Ω

## Digital and streaming audio

112dB 32-bit, 384kHz PCM DirectPath™ DAC  
Apple AirPlay 2 (requires iOS 11.4 or later)  
Google Google Cast  
Spotify Connect, TIDAL Connect, Internet radio  
MP3 48kHz 320kbps  
AAC/AAC-LC/HE-AAC/HE-AAC v2 96kHz 320kbps  
FLAC, AIFF & WAV 32-bit 384kHz

## Tuner

DAB, DAB+ and FM Tuner with RDS  
75Ω F-type DAB/FM connector with telescopic aerial

## Connectivity

4mm speaker terminals (4Ω - 16Ω speakers)  
Wi-Fi 802.11 a/b/g/n/ac/ax, WEP, WPA, WPA2  
Ethernet RJ45 10/100Mbps  
Bluetooth V5.1, aptX HD, SBC, AAC, BLE, A2DP  
MM Phono input (RCA) 8mV max  
Line input (RCA) 2.3Vrms  
Line output / pre output (RCA) 2.0Vrms  
Subwoofer mono output (RCA) 2.0Vrms  
TOSLINK optical input 24-bit 192kHz  
HDMI ARC and eARC input  
USB 2.0, FAT32, 5W (5V 1A)

## Power

AC mains: 100-240VAC 50/60Hz 2.5A  
Idle consumption 5W  
Standby consumption 2W (USB not connected)

## Dimensions

H95 x W300 x D275mm (excluding aerial)  
4.2kg

Specifications subject to change without notice

# Need more help?

For help with your product, please refer to the FAQ (Frequently Asked Questions) page in the support area of our website. For more information and complete user guides, visit [www.ruarkaudio.com/support](http://www.ruarkaudio.com/support)



# Factory reset

If you accidentally select the incorrect language you can factory reset your radio by pressing and holding the **STANDBY** key for 10 seconds.

# System updates

Ruark will occasionally release software updates to provide your system with the latest features, bug fixes and security patches.

These updates are Over-The-Air (OTA) so you won't need to do anything. To avoid possible damage to your system, please do not power off your system during an installation.

# Setting up your system

## 1 Position your R610

Place your R610 on a level, firm surface, avoiding direct sunlight and sources of heat or damp.

## 2 Connect speakers

Connect your speakers, taking care to follow the polarity markings for correct phase. For guidance on speaker placement and installation, refer to the user guide supplied with your speakers.

## 3 Fit the DAB/FM aerial

Fit the telescopic aerial to the DAB/FM aerial socket on the back of your R610 and gently tighten it using the supplied spanner.

NOTE: you do not need to fit the DAB/FM aerial if you do not plan to listen to DAB or FM radio.

## 4 Connect to AC mains power

Plug the supplied mains power cord into the AC mains inlet socket on the back of your R610 and then plug it into an AC mains outlet. Switch the mains power switch on the back panel to the ON position and wait for your R610 to start up.

If the supplied power cord does not fit your mains socket, contact your Ruark dealer.

## 5 Setup wizard

If you're powering up your R610 for the first time or it has not yet been set up, it will launch the setup wizard to guide you through the setup.

Start by selecting your language and then follow the on-screen instructions to configure your R610 and connect it to your network.

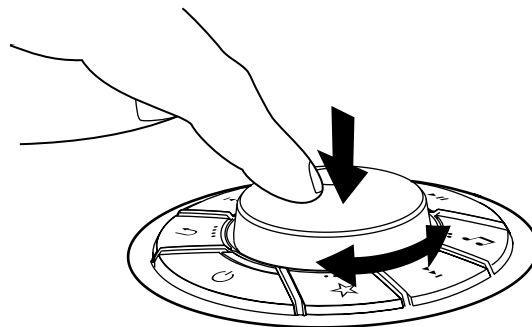
To connect it to a network using Ethernet, simply plug a network cable into the RJ45 Ethernet port on the back panel.

To connect it to a Wi-Fi network, follow the setup wizard.

NOTE: if you connect your R610 to your network with Ethernet, the setup wizard will skip Wi-Fi setup.

## 6 Navigate menus

To navigate menus and select options, rotate the **CONTROL KNOB** until your preferred option is highlighted, then press it to select the option.



## 7 Select a source

When your setup is complete, your R610 will display a list of the available sources. Select one and enjoy your music.

## 8 Adjust volume

Rotate the **CONTROL KNOB** from any "Now Playing" screen.

NOTE: rotating the **CONTROL KNOB** when a menu or track/station list is displayed will scroll through the list and not change the volume.

## 9 Pair your remote

We recommend you first charge your remote for at least 10mins before first use. Simply plug the supplied USB-C cable into the socket on the side of your remote and the USB socket on the back of your R610.

To pair your remote, press **MENU** on the dial on your R610 and select **System > Remote > Pair remote** and follow the instructions.

You will need to hold your remote near your R610 and press and hold the skip back (**I◀◀**) and skip forward (**▶▶I**) keys on your remote until the LED on the remote flashes to indicate it is in pairing mode.

You will see a confirmation message on the R610 display when your remote has successfully paired.

NOTE: for more information refer to the User Guide supplied with your remote.

## Streaming audio



Use your phone, tablet or computer as a remote control for Spotify. Go to [spotify.com/connect](https://spotify.com/connect) to learn how.



For more details on TIDAL Connect, visit [www.tidal.com](https://www.tidal.com).



This system comes with Google Cast. Stream all your favourite audio from any compatible device. For more info, visit [www.google.com/cast](https://www.google.com/cast).



Stream all your favourite audio using AirPlay from any compatible device.

For more info visit [www.apple.com/airplay](https://www.apple.com/airplay).

The range of supported streaming services may change without notice.

# Safety 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 when any power cord, or power 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 AC mains adapter. Operation from voltages other than those indicated may cause irreversible damage to the device and void the product warranty.
- Ensure that the mains plug or mains connector into the unit is readily accessible in case disconnection from the mains is required.
- The AC mains adapter, mains plug, or mains connector must be removed from the socket to completely disconnect the system from AC mains power.
- 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 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.

- Disconnect this device from AC mains power 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 AC mains power outlets or extension cords.
- 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.

## Regulatory information



This device is labelled in accordance with European Directive 2012/19/EU 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. Hereby, Ruark Audio, declares that this device complies with the essential requirements and other relevant provisions of the European Radio Equipment Directive 2014/53/EU. You can download the full CE Declaration of Conformity at [www.ruarkaudio.com/doc/R610doc.pdf](http://www.ruarkaudio.com/doc/R610doc.pdf)



### UKCA UK Conformity Assessment information

This product conforms to all UK Conformity Assessment regulations as applicable by law. You can download the full UKCA Declaration of Conformity at [www.ruarkaudio.com/doc/R610UKCA.pdf](http://www.ruarkaudio.com/doc/R610UKCA.pdf)

## Guarantee

Register your product to get an extended **three-year guarantee**.

As standard, this product is guaranteed to be free from defects for a period of two years from date of purchase, but this is extended to three years if you register your product at **[www.ruarkaudio.com](http://www.ruarkaudio.com)**.

This guarantee remains valid providing this product has been treated with due care and attention. Product failure through accidental damage, excessive wear and tear, negligence or unauthorised modification will void this guarantee.

**If this product was purchased in the UK** and it develops a fault, please contact the retailer from which it was purchased, or contact us directly via our website **[www.ruarkaudio.com/support](http://www.ruarkaudio.com/support)**.

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

If returning this product, please ensure it is packed in its original packaging and a proof of purchase is included.

This guarantee in no way varies or removes the purchaser's statutory rights.

Errors and omissions excepted.

## 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 temp. range is 5°C to 40°C.
- Natural wood finishes will vary and lighten or darken with age, particularly when exposed to sunlight.

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TIDAL terms and conditions: [tidal.com/terms](http://tidal.com/terms)

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ruark

**Ruark**, 59-60 Tailors Court, Temple Farm Industrial Estate,  
Southend on Sea, Essex, SS2 5TH, UK [www.ruarkaudio.com](http://www.ruarkaudio.com)



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