

CD25

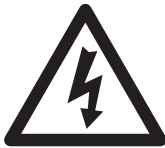


1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Clean only with a dry cloth.
6. Do not block any ventilation openings. Install this apparatus in accordance with the manufacturer's instructions.
7. Do not install this apparatus near any heat sources such as radiators, heat registers, stoves or other apparatus that produce heat.
8. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding-type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
9. Protect the power cable from being walked on or pinched, particularly at plugs, convenience receptacles and the point where they exit from the apparatus.
10. Use only attachments/accessories specified by the manufacturer.
11. This equipment is designed for use in moderate climates with a maximum temperature of 35°C.
12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as when the power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, or the apparatus has been exposed to rain or moisture, does not operate normally or has been dropped.
15. To disconnect this apparatus from the AC mains completely, disconnect the power-supply cable from the AC receptacle.
16. The mains plug of the power-supply cable shall remain readily operable.
17. This apparatus is intended to be used only with the power supply and/or charging cable provided by the manufacturer.



WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPARATUS TO RAIN OR MOISTURE.

- Do not use this apparatus near water.
- Do not expose this apparatus to dripping or splashing, and ensure that no objects filled with liquids, such as vases, are placed on the apparatus.

CAUTION	
RISK OF ELECTRIC SHOCK. DO NOT OPEN.	
	THIS SYMBOL ON THE PRODUCT MEANS THERE IS UNINSULATED, DANGEROUS VOLTAGE WITHIN THE PRODUCT ENCLOSURE THAT MAY PRESENT A RISK OF ELECTRICAL SHOCK.
	THIS SYMBOL ON THE PRODUCT MEANS THERE ARE IMPORTANT OPERATING AND MAINTENANCE INSTRUCTIONS IN THIS GUIDE.

Visit the product page at **ARCAM.co.uk** and download the Safety Sheet for a full list of safety instructions.

Class II Product

This equipment is a Class II or double insulated electrical appliance. It has been designed in such a way that it does not require a safety connection to electrical earth ("ground" in the U.S.).

CLASS 1 LASER PRODUCT

Do not operate with the outer casing removed, invisible laser radiation can cause eye damage.

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Thank you for choosing ARCAM

ARCAM has been producing specialist Hi-Fi and home cinema products that deliver state of the art sound quality for 50 years.

The CD25 is the latest in a long line of award-winning CD players extending back to our first CD player that we created, the ARCAM Delta 70 in 1986.

The ARCAM Radia CD25 is designed to provide you with reliable playback for decades to come, all with exceptional musicality so you get the most enjoyment from your music.

In the unlikely event of any fault, or you require technical assistance, please contact our dedicated support teams by email at luxurysupport@harman.com, or by telephone using +44 1707 668012 or +1 888 691 4171.

Or, if you simply require further information about ARCAM products, our network of dealers will be happy to help you. Further information can also be found on the ARCAM website at ARCAM.co.uk.

Placing the unit

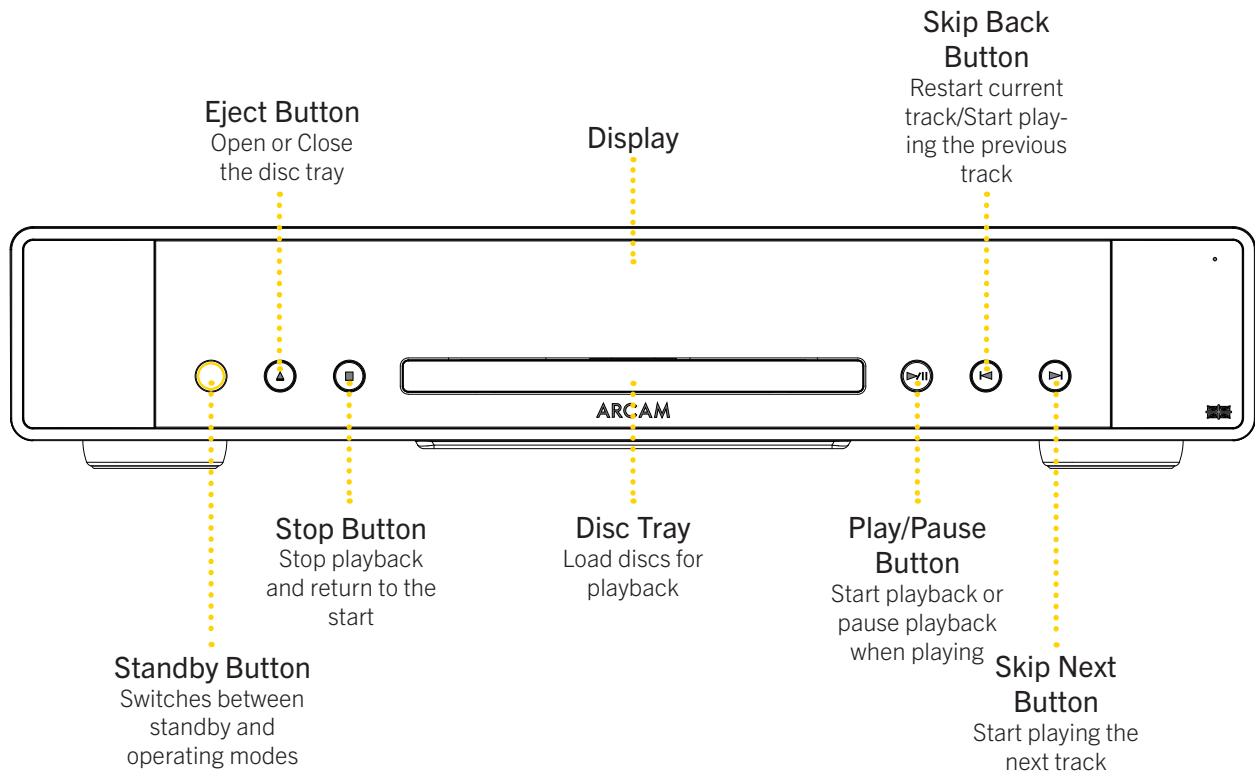
- Place the CD player on a level, firm surface, avoiding direct sunlight and sources of heat or damp.
- Do not place the CD player on top of a power amplifier or other source of heat.
- Do not place your record deck on top of this unit. Record decks are very sensitive to the noise generated by mains power supplies which will be heard as a background 'hum' if the record deck is too close.
- Make sure the remote-control receiver to the right of the front panel display is unobstructed, otherwise this will impair the use of the remote-control.
- The normal function of the unit may be disturbed by strong electromagnetic interference. If this occurs, simply reset the unit with the power button, or move the unit to another location.

Note: Within 20 minutes, with no CD playing or user operation, the CD player will enter standby mode. This CD player offers the user the option to deactivate power management functions. Doing so will increase energy consumption.

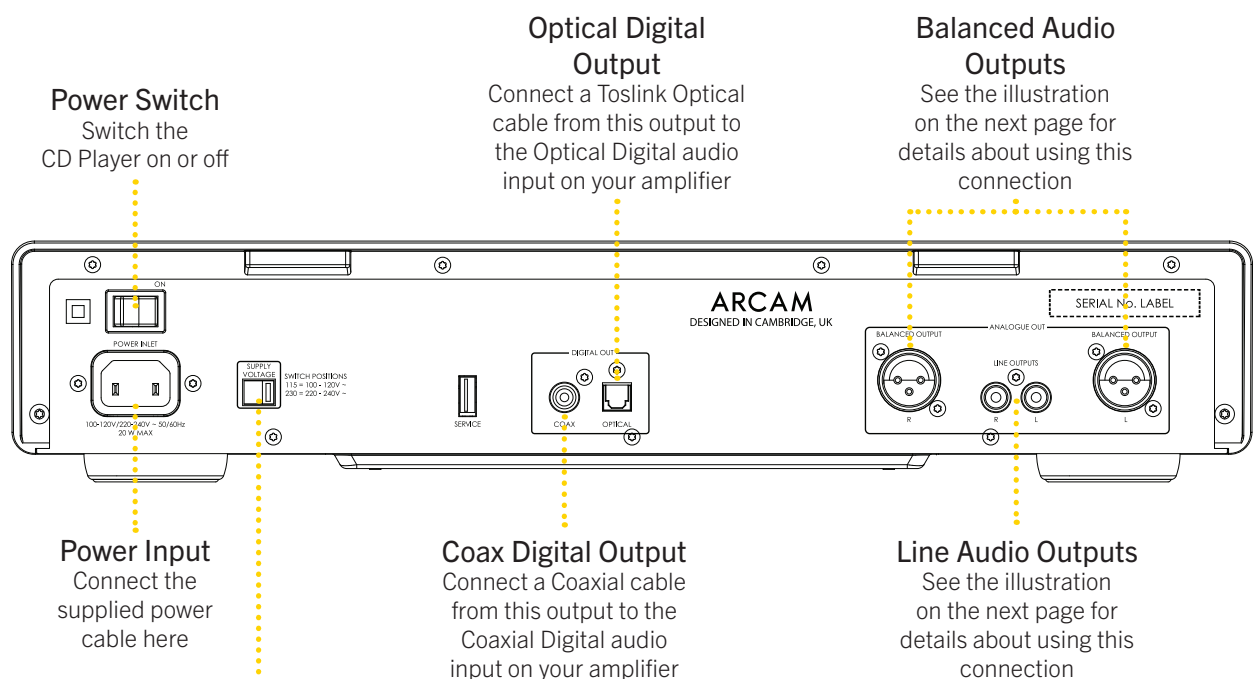
Package contents

- ARCAM CD25 CD player
- IR Remote Control
- 2x AAA Batteries for the remote control
- Region Specific Power Cable(s)
- Safety and Compliance Booklet
- Quick Start Guide

Front panel



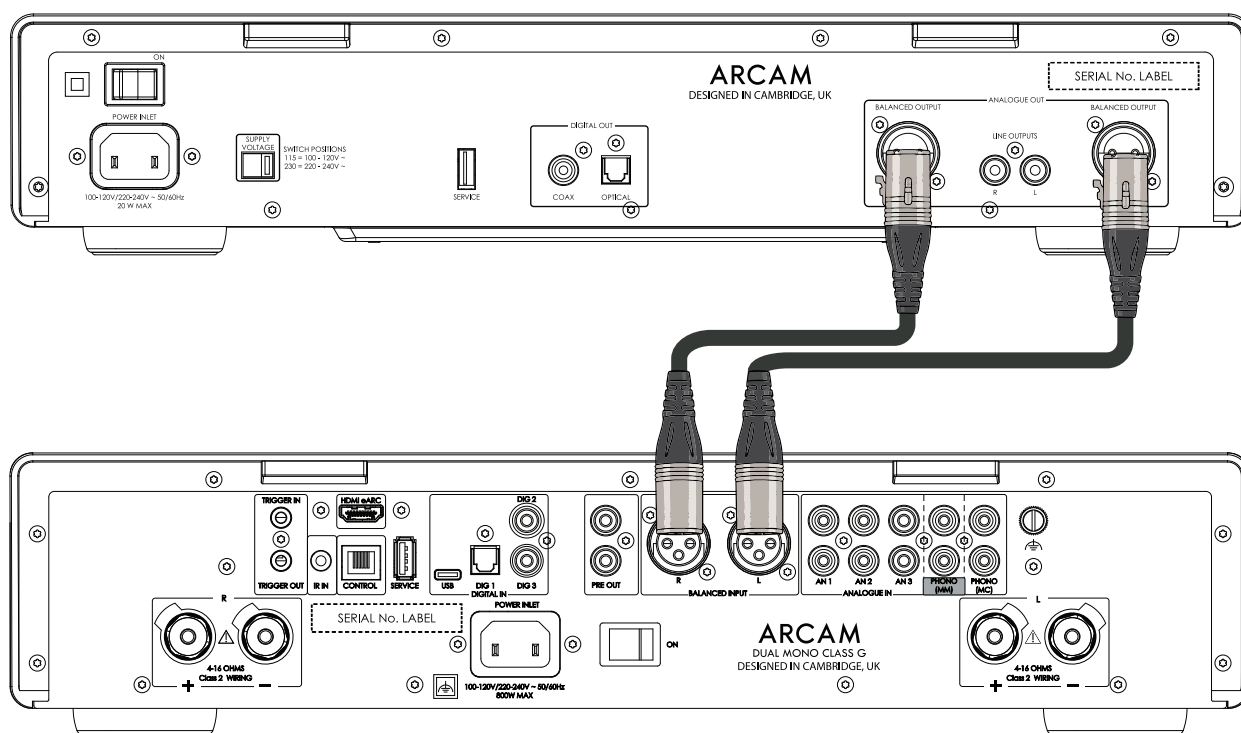
Rear panel



Note: Before powering on, ensure that supply voltage switch is set correctly for your region's power specs

Connecting to an Amplifier via XLR

- Step 1, ensure power is disconnected from the CD player and amplifier.
- Step 2, using the first of a pair of XLR analogue interconnect cables, connect the right (R) terminal of the balanced analogue output on the CD player to the right (R) terminal of the balanced XLR input on your amplifier.
- Step 3, using the second XLR cable, connect the left (L) terminal of the balanced analogue output on the CD player to the left (L) terminal of the balanced XLR input on your amplifier.

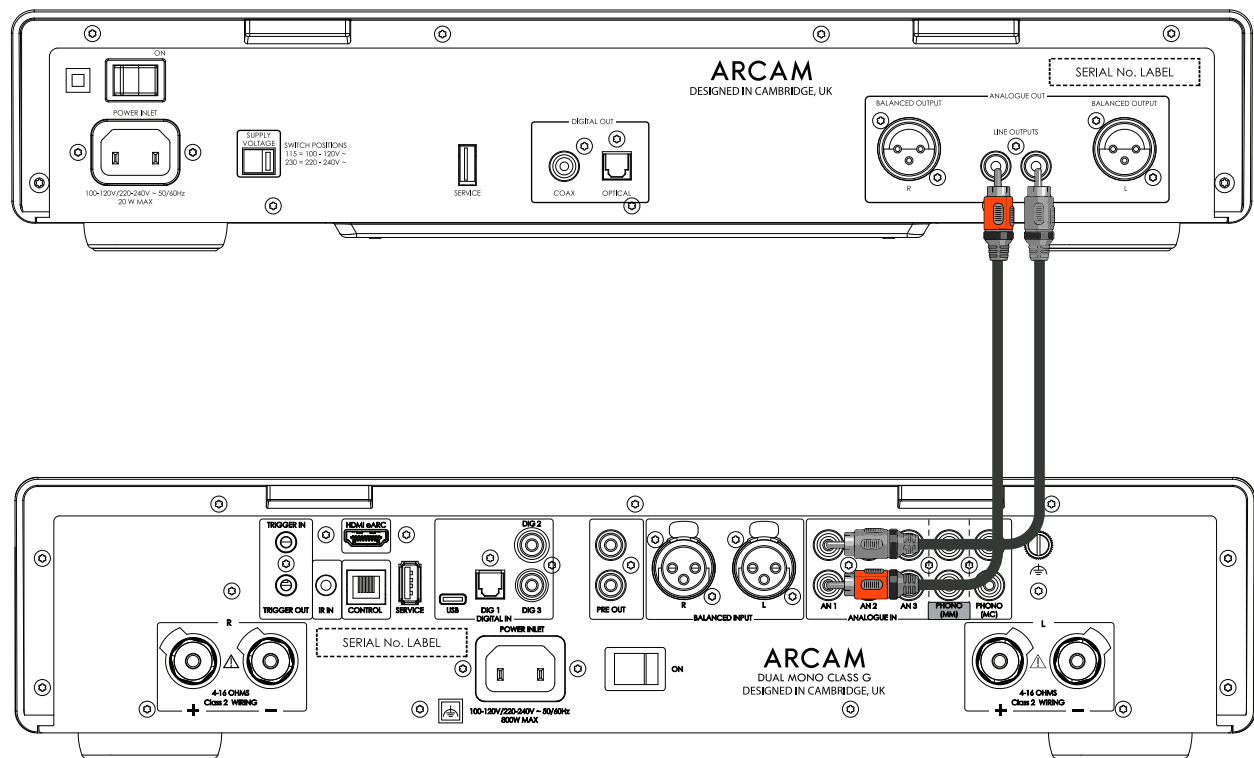


Top tips

- After making connections: switch the amplifier on with no input and reduce the volume to minimum. Select the CD input, and then slowly increase the volume to a suitable listening level whilst playing a CD. This technique will avoid loud sounds or product damage in the event of incorrect connection.
- If you are unsure as to how your system should be connected, please contact your ARCAM dealer who will be happy to help you.

Connecting to an Amplifier via RCA

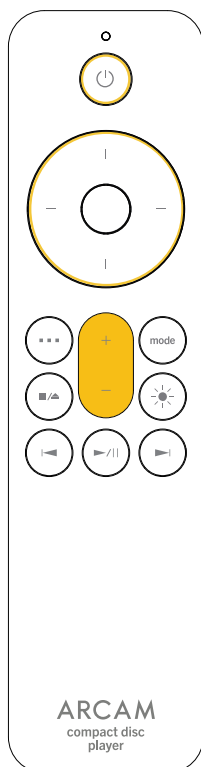
- Step 1, ensure power is disconnected from the CD player and amplifier.
- Step 2, using analogue interconnect cables, connect the right (R), red terminal of the analogue output on the CD player to the right (R), usually red terminal of the required input on your amplifier.
- Step 3, connect the left (L), white terminal of the analogue output on the CD player to the left (L), usually white terminal of the same input on your amplifier.



Top tips

- After making connections: switch the amplifier on with no input and reduce the volume to minimum. Select the CD input, and then slowly increase the volume to a suitable listening level whilst playing a CD. This technique will avoid loud sounds or product damage in the event of incorrect connection.
- If you are unsure as to how your system should be connected, please contact your ARCAM dealer who will be happy to help you.

Remote Control



	Toggle Standby Operation
	Left/Right: Menu Navigation Up/Down: Menu Navigation Press the centre button to select a Menu item
	Volume Control (controls ARCAM Radia Amplifiers)
	Settings Menu
	Disc Playback Mode
	Stop/ Open or Close the disc tray
	Full/Dim/Off
	Transport Keys (Play/Pause, Skip Back/Next)

Note: Incorrect use of batteries can have hazardous results. Do not mix old and new batteries together. Do not use non-identical batteries together. Although they may look similar, different batteries may have different voltages. Ensure the batteries are inserted in the correct direction. Remove batteries from equipment that is not going to be used for a month or more. When disposing of used batteries, please comply with governmental or local regulations that apply in your country or area.

Display control

Press the button on the remote control to reduce the brightness or turn the display on or off.

Playback control

STOP/EJECT: Press the button to stop playback. Press the button again to eject the disc tray.

PLAY/PAUSE: Press the button to pause playback. To resume playback, press the button again.

SKIP: To skip tracks, press or .

When skipping back, the first button press takes you to the beginning of the current track. Pressing the button again takes you to the start of the previous track. Press and hold the skip buttons to scan forward or back within a track.

Power

The power switch on the rear panel switches the CD player on or off. When you have finished making connections, switch the CD player on.

Standby

The Standby button on the front panel switches the CD player between standby and on (operating).

Auto Standby

This CD player is designed to enter standby automatically after 20 minutes with no audio playing and no user interaction. This is to meet international power consumption regulations. This can be turned off in the menu. To use the menu, see page 10.

Playing a CD

To open the CD tray, press the Eject button on the front of the CD player, the disc tray will open.

Place your CD on the tray with the label facing up (shiny side down).

Now press the Eject button on the front of the CD player to close the disc tray, and press Play to start playback.

Note: This CD player is only designed to accept compact discs. Ingress of other items (including but not limited to foodstuffs, beverages or appendages) is likely to cause damage or injury which will not be covered by the warranty.

	Compact Discs (audio CDs)
	Write once, recordable Compact Discs (CD-R). Note: recordable discs must be finalized for the CD player to read them.
	Re-writable, recordable Compact Discs (CD-RW). Note: recordable discs must be finalized for the CD player to read them.
	CD-TEXT discs. These discs contain text information which can be shown on the display whilst music is playing.

Disc playback modes

The current disc playback mode will be displayed when the MODE key is pressed on the remote control. Subsequent presses will advance through the following play modes;

- Normal (default) - plays the entire disc once, in track order.
- Repeat One - repeats the current track only.
- Repeat All - repeats the entire disc in track order.
- Shuffle - plays all the tracks on the disc in a randomised order.

Menu

To access the setting menu, press  on the remote control.

To navigate the menu use the navigation buttons on the remote control.

Menu tree

Menu Option	Description
Output Type	Selects which output to use, Both, Analogue, or Digital. Default is Both .
DAC Filter	Select a digital filter for the analogue outputs. Default is Apodizing .
Disc Autoplay	When enabled, disc playback will automatically start when a disc is inserted or the CD player is powered on with a disc already loaded. Default is Off .
Eco Timer	When enabled, the CD25 will enter standby within 20 minutes with no user interaction or playback. Default is On .
Software Version	Displays Software versions of MCU and CD decoder.
Restore Defaults	Press Select/OK to restore all settings to their factory defaults.

DAC filters

The CD25 has the option to select between a number of digital filters that are used in the digital to analogue conversion process. Digital filters are required to minimise unwanted distortion in the output but no filter is perfect, there are always compromises between a few parameters:

- Frequency response - audio level across audible frequencies. Ideally, this does not vary significantly between 20 Hz and 20 kHz.
- Phase - The time delay introduced between reproducing different audible frequencies. Ideally, this would be as low as possible (linear phase).
- Ringing - Additional audio artefacts that precede (pre) or follow (post) the audio. Ideally, these should be as low level and last for as short a time as possible.

The following filters are available for selection in the CD25:

Apodizing - A compromise between frequency response, phase, and ringing. Very slight reduction in output level of the highest frequencies. Pre and post ringing are equal and low in level.

Minimum Fast - Preserves output level to 20 kHz with no pre-ringing but the most post ringing and the phase response varies at higher frequencies.

Minimum Slow - No pre-ringing and reduced post ringing but at very high frequencies there is a measurable reduction in output level and phase shifts can be introduced.

Linear Fast - Preserves output level to 20 kHz with minimal high frequency phase shifts but there are higher and equal levels of pre and post ringing.

Linear Slow - Pre and post ringing are equal, very short, and low in level with no phase shifts, but there is a measurable reduction in output level of very high frequencies.

Troubleshooting

Problem	Check the following
No sound	Is the CD player correctly plugged in and switched on? Is the CD player connected correctly to your amplifier? Is your amplifier on, with the correct input selected, and not muted?
Inserted Disc does not play	Is the disc scratched or dirty? Is the disc inserted the wrong way up? The disc should be inserted shiny side down. Is the disc a supported type?
Sound cuts-out unexpectedly	Is the disc scratched or dirty? Playback can be interrupted by vibration or impact to the CD player. The CD player should not be subject to movement or vibration when playing.
The CD player does not respond to the remote control	Are there fresh batteries in the remote control? Are you pointing the remote control towards the CD player display without obstruction?
The front panel display is blank	Is the CD player correctly plugged in and switched on? Is the CD player in standby? Is the display dimmed to "Off"? Press the  button on the remote control.

Specifications

Playback		
Supported Media	CD (Audio), CD-R (Audio / Data), CD-RW (Audio / Data)	
Supported files (Data)	WAV (LPCM), FLAC, MP3, AAC	
Supported Sampling Rates	WAV/FLAC	96, 88.2, 48, 44.1, 32 kHz
	MP3/AAC	48, 44.1, 32 kHz
Supported Bit depth	16-24 bit	
Outputs		
Analogue Outputs	2 (1 RCA Pair, 1 XLR Pair)	
Maximum Analogue Output (0dBFS, RCA/XLR)	2.2/4.4VRMS	
Signal/Noise ratio (A-wtd, ref. 16-bit/24-bit, 0dBFS)	93dB/115dB	
Frequency Response (filter 1)	20 Hz – 20 kHz ±0.1 dB	
Digital Outputs	2 (1 Optical, 1 Coaxial)	
General		
Mains Voltage	100–120V or 220–240V, 50/60 Hz	
Maximum power consumption	20 W	
Standby power consumption	<0.5 W	
Maximum ambient operating temperature	35°C/95°F	
Dimensions W x D (including speaker terminals)x H (including feet)	431 x 329 x 84 mm	
Weight (net)	6.5 kg	
Weight (gross)	9.5 kg	
Supplied accessories	Mains lead(s)	
	Remote control with 2 x AAA batteries	
	Quick Start Guide	
	Important Safety Instructions	

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www.arcam.co.uk

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