

ARCAM

A5+/A15+/A25+



Owner's Manual

IMPORTANT SAFETY INSTRUCTIONS

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 cord 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 cord plug from the AC receptacle.

16. The mains plug of the power-supply cord 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.).
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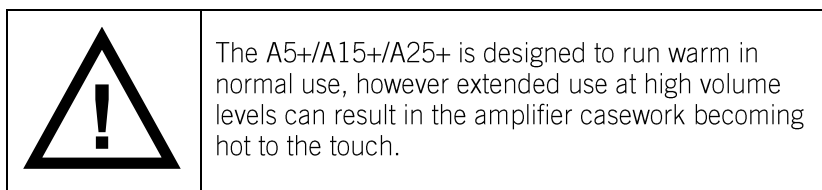
Thank you for choosing ARCAM

The "A" in ARCAM stands for Amplification - this is our core competence. The A5+, A15+ and A25+ are the latest in more than 45 years of amplifier design and manufacture, going back to our first product in 1976 - the A&R Cambridge A60 amplifier. These amplifiers are designed to provide you with reliable amplification 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 using luxurysupport@harman.com, or by telephone using **+44 1707 668012** or **+1 888 6914 171**. 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 amplifier on a level, firm surface, avoiding direct sunlight and sources of heat or damp.
- Do not place the A5+/A15+/A25+ on top of a power amplifier or other source of heat.
- Do not place the amplifier in an enclosed space such as a bookcase or closed cabinet unless there is good provision for ventilation. The A5+/A15+/A25+ is designed to run warm during normal operation.
- Do not place any other component or item on top of the amplifier as this may obstruct airflow around the heat-sink, causing the amplifier to run hot (the unit placed on top of the amplifier would become hot too).
- 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.

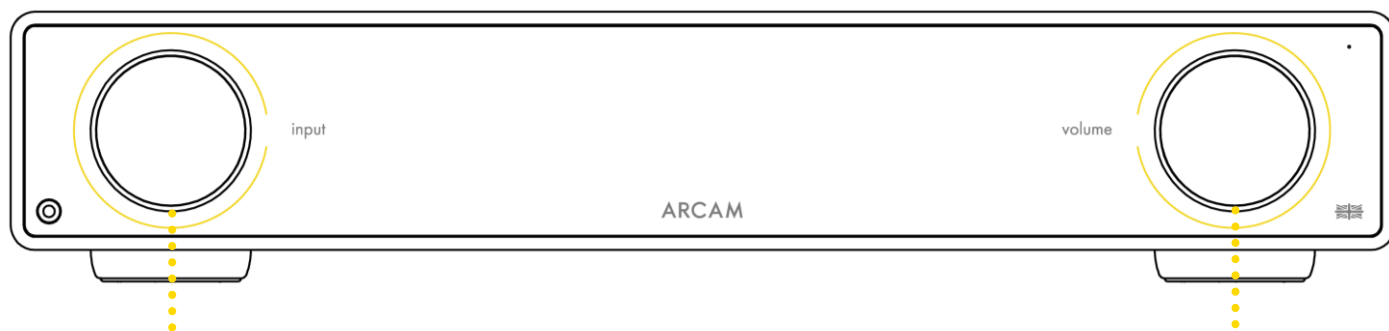


This product offers the user the option to deactivate power management functions. Note that doing this will increase energy consumption of the product.

Package Contents

- ARCAM A5+/A15+/A25+ integrated amplifier
- IR Remote
- 2x AAA Batteries for the remote control
- Region Specific Power Cord(s)
- Safety and Compliance Document
- Quick Start Guide

A5+/A15+ Front Panel



Rotate Input Carousel

Push to Select

Push and Hold to rename
current input

volume

Rotate Volume Control

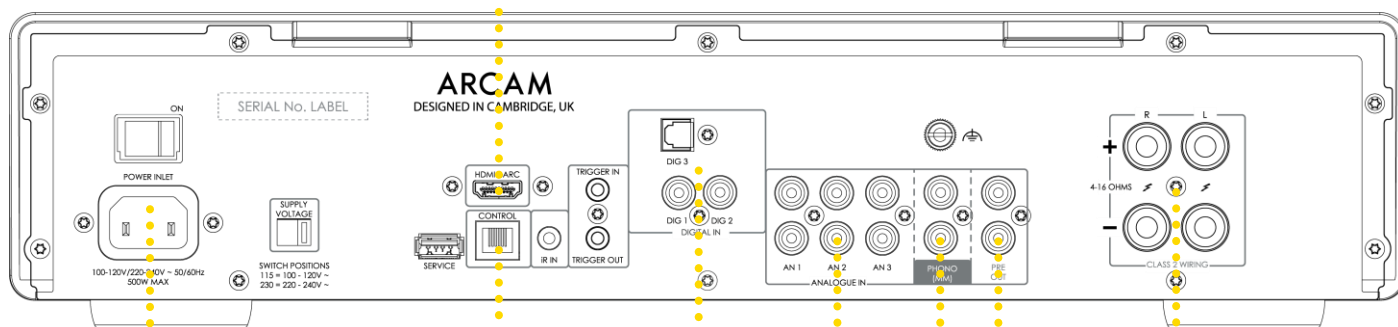
Push to Mute/Unmute or
wake up

Push and Hold for
standby

A5+/A15+ Rear Panels

A15+

HDMI eARC
Input



Power Input

CONTROL INPUT
For use with ARCAM
Radia series source
components only

Digital Audio
Inputs

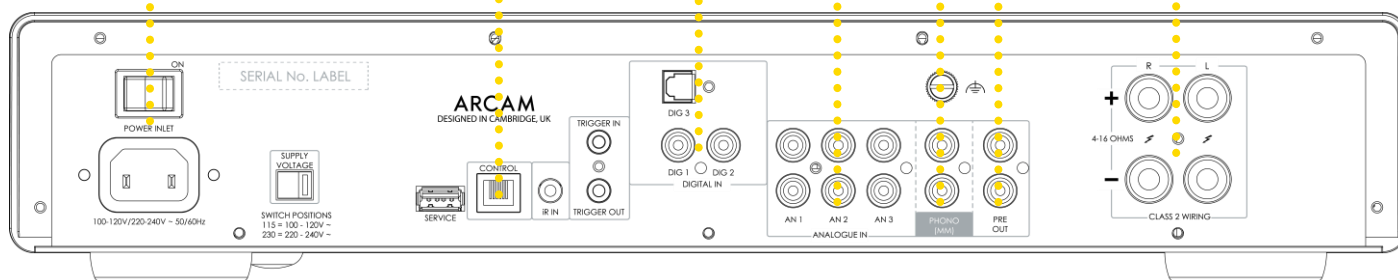
Analog Audio
Inputs

Phono (MM)
Input

Pre-amp
Outputs

Speaker
Outputs

A5+



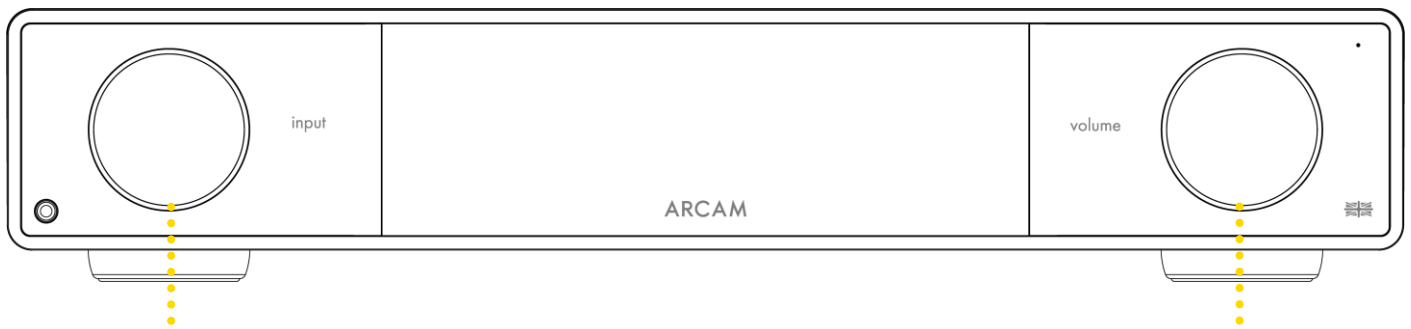
Phono Ground



This terminal must not be used as a safety earth.

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A25+ Front Panel



Rotate Input Carousel

Push to Select

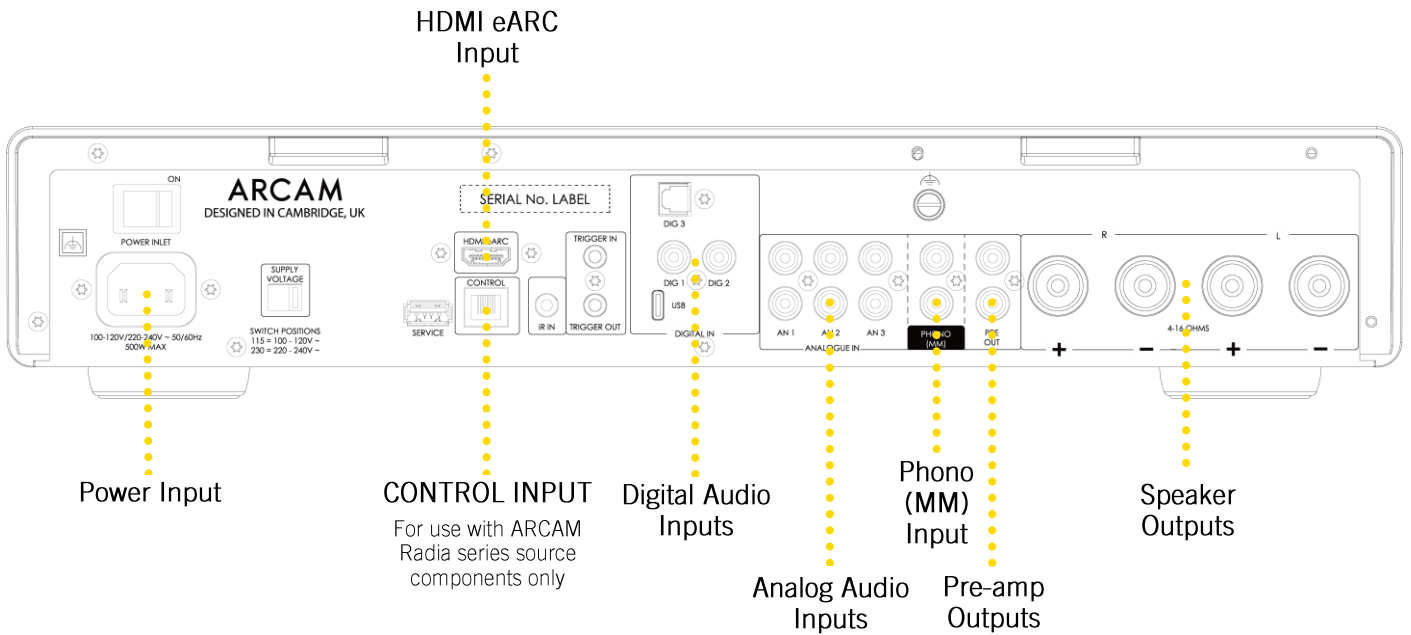
Push and Hold to rename
current input

Rotate Volume Control

Push to Mute/Unmute or
wake up

Push and Hold for
standby

A25+ Rear Panel



Power Input

CONTROL INPUT
For use with ARCAM
Radias series source
components only

Digital Audio
Inputs

Analog Audio
Inputs

Phono
(MM)
Input
Pre-amp
Outputs

Speaker
Outputs



Phono Ground



This terminal must not be used as a safety earth.

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Remote Control

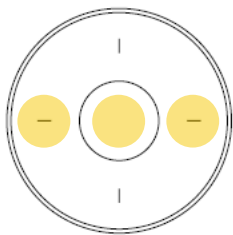


	Toggle Standby Operation
	Menu Navigation ← and → browse inputs Centre button to select
	Volume Control
	Mute On or Off
	Display Brightness
	Transport Keys (Play/Pause, Skip back/forward)
	Open Settings Menu
	Open Audio Menu

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.

Input Selection



Using the navigation buttons to browse through the carousel of inputs.
Press the centre button to select the input to use.

Display Control

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

Connecting Loudspeakers

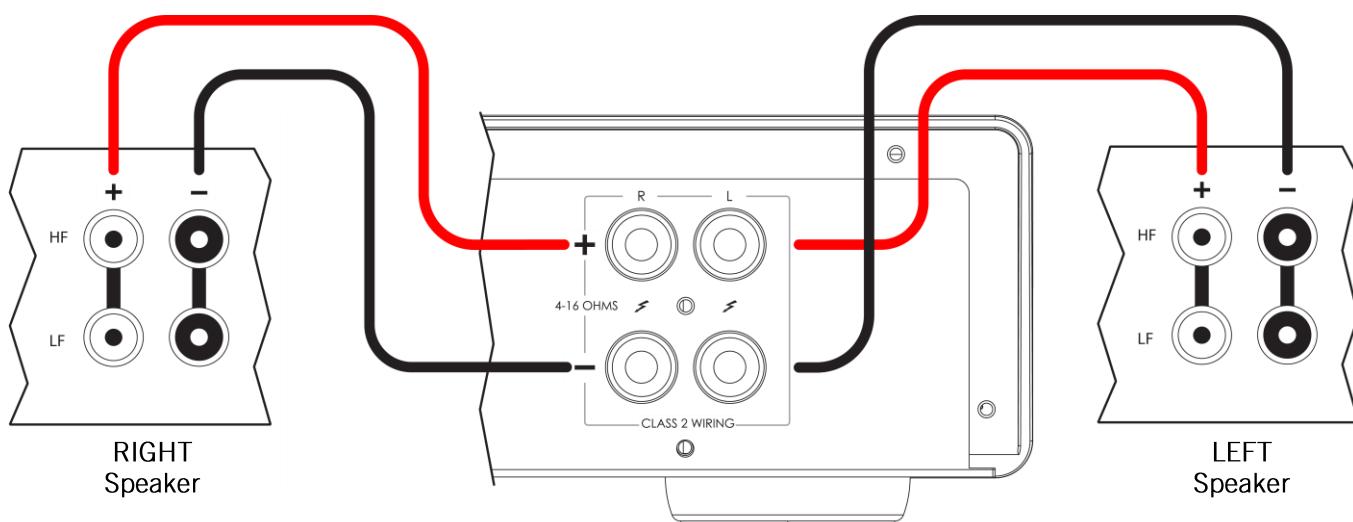
Step 1, ensure power is disconnected from the amplifier.

Step 2, using speaker cables, connect the red positive terminal of the right speaker output (R+) on the amplifier to the positive (+) terminal of your right speaker.

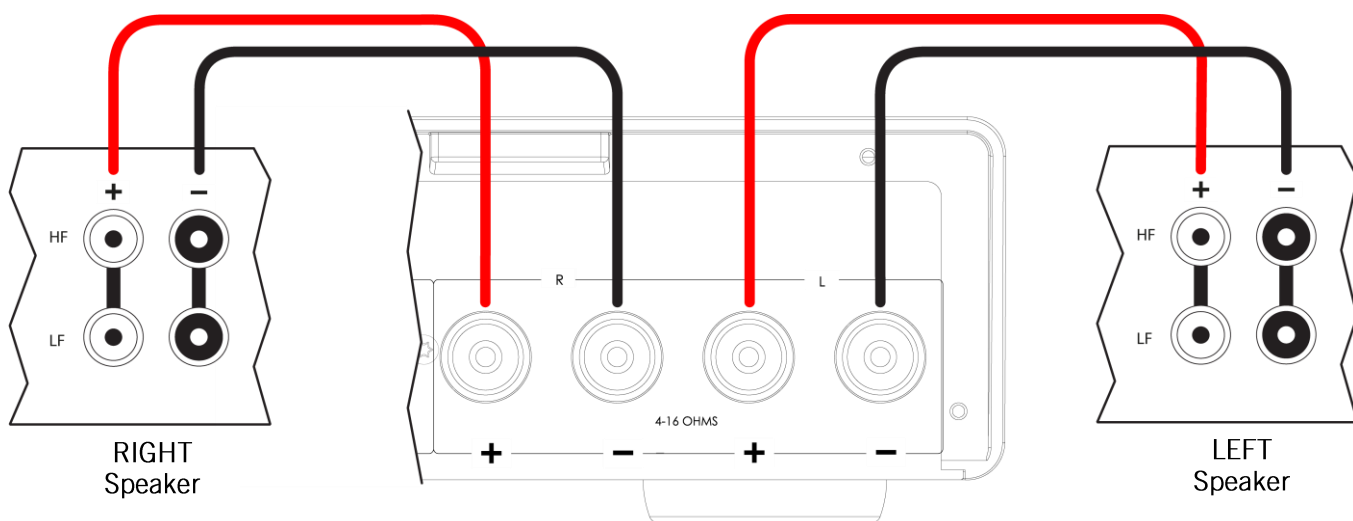
Step 3, connect the black negative terminal of the right speaker output (R-) on the amplifier to the negative (-) terminal of your speaker.

Step 4, repeat the process for the left speaker, using the terminals labelled L+ and L- and on the amplifier.

A5+/A15+



A25+



Top Tips



- Check all connections thoroughly. Ensure that exposed wires or cables are not touching each other or the amplifier's chassis (which can cause a short circuit), and that you have connected the positive (+) and negative (-) terminals correctly. Be sure to check the wiring for both the amplifier and the speakers.
- After making connections: switch the amplifier on with no input and reduce the volume to minimum. Select a source signal, and then slowly increase the volume to a suitable listening level to 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.

Bluetooth Operation

Connecting your phone or tablet:

- To pair your Bluetooth source device, select the BT input, open the Bluetooth settings on your source device, and scan for **A5+/A15+/A25+ #####** from the list. Each product has a unique ID.
- By default, the amplifier does not need to be on the BT input for Bluetooth pairing of a source device.
- The Amplifier can recall 5 device pairings. If 5 are in memory already, the oldest will be replaced
- To listen to an Auracast broadcast, navigate to the BT Auracast input.
- Because portable devices often have a volume slider, there is a maximum volume setting in the amplifier to prevent excessive volume output being selected accidentally. The setting is in the BT Settings Menu. The default is 40.

Connecting your wireless headphones:

- To pair Bluetooth headphones, press  on the remote control and select **Audio Output**.
- When you see **SPEAKERS**, press the down cursor button on the remote control to see options. Paired Headphones will be listed, or select **Pair BT Output** (A5+/A15+) or **Pair New Bluetooth Device** (A25+). Your headphones must be in pairing mode to be discovered and paired.
- Use the navigation buttons on the remote to identify and select your headphones from the list of discovered devices.
- To transmit an Auracast broadcast, press , select Audio Output, and select BT Auracast.
- Bluetooth or Auracast outputs cannot be used at the same time as the Bluetooth or Auracast inputs.

Audio Menu

Press the MENU button on the amplifier or the  on the remote control.

Use the the navigation buttons on the remote control.

Audio Output	Select between Speakers and Bluetooth headphones. Bluetooth headphones need to be on and paired to appear in the list. Default is Speakers . To pair new Bluetooth headphones, put them in pairing mode, and then press the DOWN cursor and select PAIR BT OUTPUT (A5+ & A15+) or PAIR NEW BT DEVICE (A25+).
Balance	Adjust the volume balance for left or right gain using the UP and DOWN curcor buttons and select to set. Default is 0 (centre).
DAC Filter	Select a different DAC filter. Default is 1 (A5+ & A15+) or LIN PHASE FAST (A25+).
(Input) PLL	Select between STD (Standard) and WDE (Wide) PLL settings. Wide setting is more tollerant of variable quality digital audio sources such as satellite receivers. Default is STD .

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Power

- The power switch on the rear panel switches the amplifier on or off. When you have finished making connections, switch the amplifier on.
- Press the volume encoder to turn on the amplifier from standby.
- Press and hold the volume encoder to put the amplifier into standby.

Auto Standby

This amplifier is designed to enter standby automatically within 20 minutes with no audio playing and no user interaction. This is to meet international power consumption regulations. Change the **ECO Timer** to off in the menu. To use the menu, see page 11.

Selecting Inputs

Audio inputs can be selected using either:

- The INPUT selector on the front panel. Rotate the dial to the input and press to select.
- Using the left and right navigation buttons on the remote control. In each case, the source name corresponds to the labelled input sockets. Press the centre button to select.

The inputs are:

- Phono (analog – turntable with moving magnet cartridge)
- Analogue 1, Analogue 2 and Analogue 3
- Digital 1, Digital 2, Digital 3, HDMI (A15+ and A25+ only), and USB-C (A25+ only)

Note: The digital inputs only support stereo (PCM) audio. Multichannel audio or encoded audio of any type is not supported.

Phono Input

The Phono Input includes a pre-amplifier to work with a MM (moving magnet) cartridge on a turntable for playing vinyl.

NEVER connect anything other than a turntable through this input. This can result in serious damage to both your amplifier and speakers and will not be covered under warranty.

Service USB

The Service USB socket on this amplifier is only intended for software updates. It is not an audio input.

Headphones

The headphone socket (PHONES) accepts headphones fitted with a 3.5mm stereo jack. By default, the pre-amp outputs and speakers are muted when the headphones are plugged in.

Note: the speakers and pre-amp outputs can be configured to remain active when headphones are connected using the **Headphone Override** function in the setup menu.

Processor Mode

Processor mode will fix the volume for one input. It can be assigned to any analogue input (excluding Phono). This allows the amplifier to be used in conjunction with a home cinema receiver in a combined home cinema and two channel system. Set the volume to match other speakers connected to the source amplifier or AVR using the **Processor Volume** setting.

Settings Menu


Press the MENU button on the amplifier or the  on the remote control.

Use the the navigation buttons on the remote control.

Menu Tree

System Settings	Streamer Input	Select the input that an ARCAM Radia streamer is connected to. Default is NONE .
	Halo Brightness (A25+ Only)	Select the brightness of the dial illuminations. Default is FULL .
	HP Override/ Output Override	Select whether speaker remain on or switch off when wired headphones are connected. The default is Off (speakers muted). On = speakers unmuted.
	Processor Mode	Select an analogue input for fixed volume. Default is OFF .
	Processor Volume	Set the volume for fixed volume input set above. Default is 25 .
	Eco Timer	Auto standby duration. Select OFF to disable. Default is ON .
	IR Code	Change the IR code set if the amplifier remote commands conflict with another device in your home. Changing this setting does not affect the remote handset. Default is 16 .
	HDMI Autoswitch (A15+ & A25+ only)	Allows a connected TV to automatically power on the amplifier and select the HDMI input when audio starts. Default in On .
	Software Version	Displays the software version of the amplifier.
	Factory Reset	Reset the amplifier to factory defaults. Press Select to initiate the reset.
BT Settings	Software Update	Initiate an update of the amplifier software by USB. Press Select to initiate the USB. A USB must be present in the SERVICE USB socket with the amplifier software stored on it for the update to occur.
	BT AUTOSWITCH (Bluetooth Input Auto Switch)	Enables or disables the automatic switching of the Bluetooth input when music is played from a connected device. Default is ON .
	BT Max Volume	Set the maximum volume for the Bluetooth Input. Default is 40 .
	Clear (Device) List	Clear the memory of paired devices from the amplifier. Press Select to delete pairings.

Troubleshooting

Problem	Check the following
No sound from Bluetooth headphones	Check the headphones have not connected to another device like a phone or tablet before the amplifier could connect to them. If your headphones have a power saving auto mute function when removed from the head (head detection), they may need to be unmuted to restore sound when refitted.
No sound	Is the amplifier correctly plugged in and switched on? Is the audio source correctly connected, with the correct input selected? Is the amplifier muted? Is the amplifier in protection mode (as described below)?
Sound cuts-out unexpectedly	The amplifier may enter a protection mode. The front panel display indicates the fault type: <ul style="list-style-type: none"> • FAULT DC OFFSET: The amplifier detected an overload. Power off and reduce the volume after turning back on. • FAULT SHORT (CIRCUIT): The amplifier detected a speaker short circuit. Inspect all the speaker cables to make sure none of them are shorted together. This fault is more common when exposed wires are being used to make speaker connections. • FAULT OVER TEMP: The internal temperature of the unit reached an unsafe level. Allow the amplifier to cool. In protection mode, the amplifier will turn itself off and power to the speakers will be removed. To continue using the amplifier, the fault must be treated, and the amplifier must be turned OFF then back ON from the power switch on the rear panel.
The amplifier does not respond to the remote control	Are there fresh batteries in the remote control? Are you pointing the remote control towards the amplifier window without obstruction?
The front panel display is blank	Is the amplifier correctly plugged in and switched on? Is the amplifier in standby? Is the display dimmed to "Off"? Press the  button on the remote control.
Hum on the analogue input	Ensure all cables are making a good connection. Try disconnecting the input cable and plug it fully in again (turn the power off before doing this). If the Hum stops when the source is disconnected, the problem is most likely to be in the cable or the source device to which it is connected.

Specifications

Continuous power output (0.5% THD), per channel		A5+	A15+	A25+
Both channels, 8Ω, 20Hz—20kHz		50W	80W	100W
Both channels, 4Ω, at 1kHz		75W	120W	165W
Harmonic distortion, 80% power, 8Ω at 1kHz		0.003%	0.002%	0.002%
Analogue Inputs				
Number of Inputs		3 (RCA pairs)		
Signal/Noise ratio (A-wtd, ref. 50W, 1V input)		106dB		
Frequency response		20Hz – 20kHz ±0.2dB		
Phono MM Input				
Input impedance		47kΩ + 100pF		
Frequency response (ref. RIAA curve)		20Hz – 20kHz ±1dB		
Signal/Noise ratio (A-wtd) 50W, ref. 5mV input		80dB		
Digital Inputs				
DAC		ES9018K2M		
Supported sample rates (kHz)	Coaxial	44.1, 48, 88.2, 96, 176.4, 192		
	Optical	44.1, 48, 88.2, 96, 176.4, 192		
	HDMI	NA	44.1, 48, 88.2, 96, 176.4, 192	
	USB-C	NA	44.1, 48, 88.2, 96, 176.4, 192, 352.8, 384	
Supported Bit depth		16-bit, 24-bit		16-bit, 24-bit, 32-bit
Frequency response (filter 1)		20Hz - 20kHz ± 0.2dB		
Signal/Noise ratio (A-wtd, ref. 50W, 0dBFS)		109dB		
Bluetooth				
Bluetooth Profile		5.4; A2DP Sink/Source, AVRCP, BLE, SBC, AAC, aptX, aptX HD and aptX Lossless, LE Audio, Auracast		
Transmitter Frequency and Power		2,400 MHz to 2,483.5 MHz: <20dBm		
Headphone output				
Maximum output level (RMS) into 32Ω/300Ω		2.5V/5V		
Load range		16Ω – 2kΩ		
General				
Mains voltage		100V or 110–120V or 220–240V, 50/60Hz		
Maximum power consumption		350W	500W	
Standby power consumption		<0.5W		
Network standby power consumption		<2W		
Maximum ambient operating temperature		35°C/95°F		
Dimensions W x D (including speaker terminals) x H (including feet)		431 x 344 x 83mm	431 x 344 x 98mm	431 x 344 x 83mm
Weight (net)		8kg	10kg	9kg
Weight (gross)		11kg	13kg	12kg



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ARCAM



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