

AVA35



Audio Video Amplifier

For those who refuse to compromise, the AVA35 represents the summit of home cinema and musical performance. This is not just an amplifier—it's ARCAM's most advanced integrated AV solution, designed for true connoisseurs of sound.

Expertly engineered in Cambridge, UK, the AVA35 harnesses our signature Class G amplification, a technology unique to ARCAM and revered for its ability to deliver superior power, lower crossover distortion, and unmatched musicality. Combined with the same high-performance DAC architecture found in our flagship stereo systems, the AVA35 ensures every note and every cinematic moment is rendered with breathtaking clarity and emotional impact.

For the ultimate in flexibility, the AVA35 introduces matrix channel assignment, allowing you to reallocate channels freely for the most personalised and immersive configurations. Whether it's music, movies, gaming, or sport, this amplifier adapts to your vision of perfection.

With nine channels of Class G power, Dolby Atmos, DTS:X, IMAX Enhanced and AURO-3D processing, and Dirac Live room correction, the AVA35 transforms your space into a world-class listening environment.

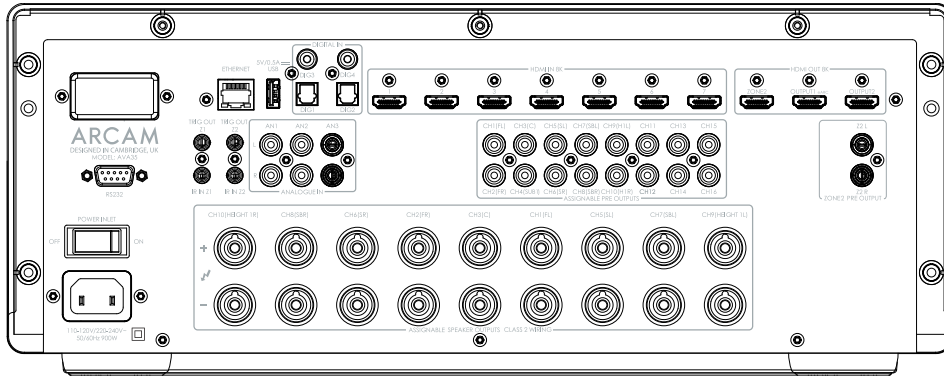
At ARCAM, sound quality isn't just a promise—it's our obsession. The AVA35 is the pinnacle of rigorous testing and listening sessions, more than deserving of the ARCAM name.

And with a vibrant 6.5" colour display, intuitive menus, and the Radia App, control is effortless—because the experience should be as seamless as the sound.

AVA35: The pinnacle of home cinema processing and amplification. For those who demand nothing less than perfection.

Features

- High Power ARCAM Class G Amplification with 9 x 100W into 8Ω
- Dolby Atmos, DTS:X, IMAX Enhanced, Auro-3D
- Matrix Channel Assignment for all 16 channels
- Dirac Live Room Correction
- Bluetooth Remote Control for continuous out-of-sight control
- Works with new ARCAM Radia App for setup, control, Internet Radio and Podcasts
- Supports Apple Airplay, Google Cast, Spotify Connect, Tidal Connect and Qobuz Connect
- Bluetooth with Snapdragon Sound and Auracast
- Large high-resolution display for clearly visible status and metadata from the comfort of your main listening position
- Plastic-free packaging



Decoding/Encoding		
Maximum Channel Count	16	
Reassignable Channels	All channels (Subwoofers into CH4/11-16 only)	
Dolby	Dolby Atmos, Dolby TrueHD, Dolby Atmos Height Virtualisation, Dolby Surround	
DTS	DTS:X, DTS HD Master, DTS Neural:X, DTS Virtual:X	
IMAX Enhanced	Yes	
Auro 3D	Yes	
MPEG H	Yes	
Frequency response:	20Hz—20kHz ± 0.05dB	
HDMI		
Inputs/Outputs	7/2 (Zone 1), 1 (Zone 2)	
HDMI/ HDCP Versions	2.1a/2.3	
Resolution support resolution/framerate	Up to 8K/60Hz or 4K 120Hz	
Supported Dynamic Range Profiles	HDR, HDR10, HDR10+, HDR10+ Gaming, Dolby Vision, HLG	
Supported HDMI features	Variable Refresh Rate (VRR), Auto Low Latency Mode (ALLM), CEC, eARC/ARC (Zone 1, Output 1)	
On Screen Display	Yes	
Streaming		
Works with (apps)	ARCAM Radia, Spotify Connect, Tidal Connect, Qobuz Connect, Roon (Ready)	
Works with (services)	Apple Airplay, Google Cast	
ARCAM Radia supported services (Global)	Internet Radio, Podcasts, UPnP	
Supported Hi-res media:	FLAC, WAV (LPCM), MQA, AAC, ALAC, AIFF, DSD (up to 128), MP3, OGG, WMA	
Supported Hi-res Bit depth:	16, 24	
Supported samples rates (kHz):	Up to 192 kHz	
Gapless Playback:	Yes	
Frequency response:	20Hz—20kHz ± 0.05dB	
Digital Inputs		
Number of inputs (Coaxial/Toslink)	2/2	
Supported Sample Rates (kHz)	Coaxial (RCA)	192, 176.4, 96, 88.2, 48, 44.1
	Optical (Toslink)	96, 88.2, 48, 44.1
Bit depths (bit)	Coaxial & Optical (Toslink)	24, 16
Frequency response		20Hz—20kHz ± 0.2dB
Signal/noise ratio (A-wtd, ref. 50W, 0dBFS)		100dB
Analogue Inputs		
Number of inputs		3x RCA pairs
Signal/noise ratio (A-wtd, ref. 50W, 1V input)		100dB
Frequency response		20Hz—20kHz ± 0.2dB
Preamplifier Outputs		
Number of Outputs XLR/RCA		0/16
Single-ended (RCA) peak output level per channel		2V RMS
THD+N (20 Hz to 20 kHz)		-100dB
Amplification		
Amplifier Channels		9, Class G
Continuous power output (0.5% THD), per channel		
8Ω, 20Hz - 20kHz, 2 channels driven		125W
4Ω, 1kHz, 2 channels driven		220W
8Ω, 20Hz - 20kHz, 9 channels driven		100W
4Ω, 1kHz		150W
Harmonic distortion, 80% power, 8Ω at 1kHz		0.002%
Wireless Specifications		
Bluetooth Profile		5.4; A2DP Sink/Source, AVRCP, Snapdragon Sound, AAC, LE Audio, Auracast, GATT, VCP, MCP, BAP, CAP
General		
Mains voltage		100-120V/220-240V 50/60Hz
Power consumption (maximum)		900W
Dimensions W x D (including speaker terminals) x H (including feet)		432 x 459.1 x 170mm
Weight (net)		22.7 kg
Weight (packed)		29.4 kg