

# 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.

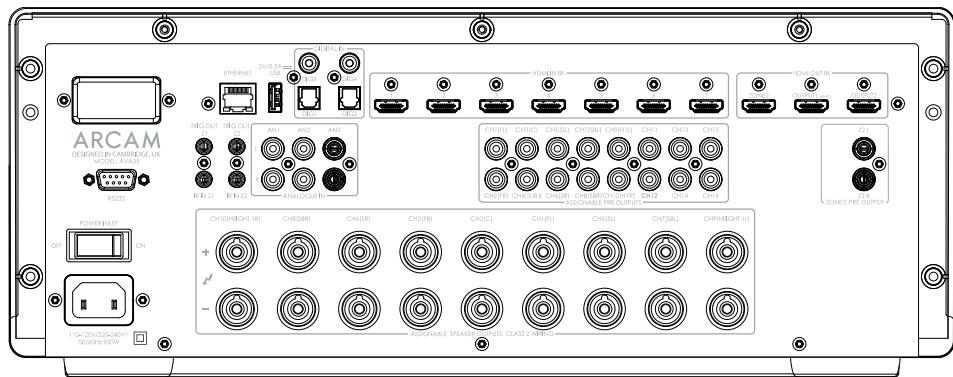
At ARCAM, sound quality isn't just a promise—it's our obsession. The AVA35 is the pinnacle of rigorous testing and listening sessions, more than deserving of the ARCAM name.

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

- Immersive audio formats: Dolby Atmos, DTS:X, Auro-3D
- High Power ARCAM Class G Amplification with 9 x 100W
- Matrix Channel Assignment for the flexibility to assign the surround channels you need for the best performance of your system
- Dirac Live Room Correction
- HDMI and HDMI eARC
- Bluetooth 5.4 with Auracast
- High-resolution display for clearly visible album artwork and metadata
- Supports Apple Airplay, Google Cast, Spotify Connect, Qobuz Connect and Tidal Connect
- Setup with ARCAM Radia App for presets, Internet Radio and Podcasts
- Supports up to 24 bit / 192 kHz Hi-res audio
- Roon Ready



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