

AVA35



Audio Video Amplifier

AVA35: The Pinnacle of Music and Cinema Performance

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, 16-channels of 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 145W 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



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		145W
4Ω, 1kHz, 2 channels driven		200W
8Ω, 1kHz, 7/9 channels driven		110/95W
4Ω, 1kHz, 7/9 channels driven		130/110W
Harmonic distortion, 80% power, 8Ω at 1kHz		0.004%
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