

AVA25



Audio Video Amplifier

AVA25: The Ultimate Expression of Power and Precision

Step into a world where every note and every scene is delivered with uncompromising precision and emotional depth. The AVA25 isn't just an amplifier—it's the culmination of nearly 50 years of ARCAM's mastery in sound design, created for those who demand nothing less than excellence.

Expertly engineered in Cambridge, UK, the AVA25 builds on our heritage with advanced Class AB amplification, developed in-house to deliver a richer, more musical performance. This is how we achieve sound that feels alive—rich, detailed, and effortlessly immersive.

With nine channels of powerful amplification, the AVA25 effortlessly drives immersive setups like 7.1.2 or 5.1.4, and offers expansion to 16 total channels with additional subwoofers, height, or surround speakers. Dolby Atmos, DTS:X, IMAX Enhanced and AURO-3D transport you with a cinematic experience, while Dirac Live room correction ensures flawless detail tailored to your space.

At ARCAM, sound quality isn't just a promise—it's our obsession. The AVA25 is the result of rigorous testing and listening sessions to award it the ARCAM name.

And with a vibrant 6.5" colour display, intuitive on-screen menus, and the new Radia App, setup and streaming are effortless.

AVA25: For those who live for music, and demand cinematic brilliance without compromise.

Features

- High Power ARCAM Class AB Amplification with 120W into 8Ω
- Dolby Atmos, DTS:X, IMAX Enhanced, Auro-3D
- 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		Front, Surround Back, Height Channels
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 AB
Continuous power output (0.5% THD), per channel		
8Ω, 20Hz - 20kHz, 2 channels driven		120W
4Ω, 1kHz, 2 channels driven		160W
8Ω, 1kHz, 7/9 channels driven		90/75W
4Ω, 1kHz, 7/9 channels driven		100/80W
Harmonic distortion, 80% power, 8Ω at 1kHz		0.005%
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)		21.5 kg
Weight (packed)		28.21 kg