

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
HDMI	
Inputs/Outputs	7/2 (Zone 1), 1 (Zone 2)
HDMI/ HDCP Versions	2.1a/2.3
Resolution support resolution/frame rate	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), AAC, ALAC, AIFF, MP3, OGG
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