

AVA15



Audio Video Amplifier

Experience music and movies as they were meant to be heard.

The AVA15 brings breathtaking clarity and depth to every note and every scene, putting you at the heart of the performance.

Expertly crafted in Cambridge, UK, and built on over 30 years of surround sound expertise, the AVA15 combines our passion for music with cutting-edge technology. Its powerful Class D amplification and advanced immersive audio processing deliver a sound that's as thrilling as it is precise.

With nine channels of amplification, the AVA15 drives setups like 7.1.2 or 5.1.4 with ease—and gives you room to expand with extra subwoofers, height, or surround speakers. Dolby Atmos and DTS:X bring cinema-grade immersion to your home, while Dirac Live room correction ensures every detail sounds perfect in your space.

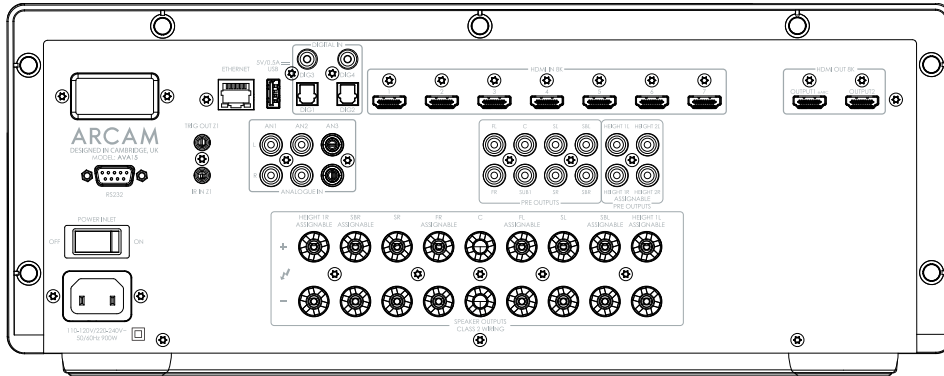
At ARCAM, sound quality isn't just a promise—it's our obsession. Every AVA15 undergoes rigorous testing and listening sessions to guarantee it earns the ARCAM name.

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

The AVA15: where music comes first, and movies follow in spectacular style.

Features

- Immersive audio formats: Dolby Atmos, DTS:X, Auro-3D
- High Power ARCAM Class D Amplification with 9 x 100W
- 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
- Room Ready



Decoding/Encoding		
Maximum Channel Count	12	
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	No	
Auro 3D	No	
MPEG H	Yes	
HDMI		
Inputs/Outputs	7/2	
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, 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	
Pre-amplifier Outputs		
Number of Outputs XLR/RCA	0/12	
Single-ended (RCA) peak output level per channel	2V RMS	
THD+N (20 Hz to 20 kHz)	-100dB	
Amplification		
Amplifier Channels	9, Class D	
Continuous power output (0.5% THD), per channel		
8Ω, 20Hz - 20kHz, 2 channels driven	100W	
4Ω, 1kHz, 2 channels driven	150W	
8Ω, 20Hz - 20kHz, 9 channels driven	75W	
4Ω, 1kHz	90W	
Harmonic distortion, 80% power, 8Ω at 1kHz	0.01%	
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 391.7 x 170mm	
Weight (net)	10 kg	
Weight (packed)	15.7 kg	