

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.

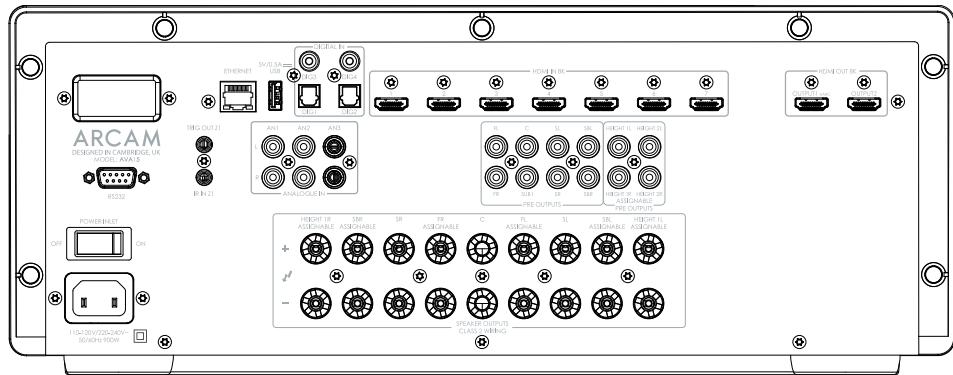
At ARCAM, sound quality isn't just a promise—it's our obsession. Every AVA15 undergoes rigorous testing and listening sessions to guarantee it earns the ARCAM name.

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
- Roon 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
Preamplifier 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