

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 engineered 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

- High Power 9-Channel Class D Amplification with 85W into 8Ω
- Dolby Atmos, DTS:X
- 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
- Plastic-free packaging



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		85W
4Ω, 1kHz, 2 channels driven		150W
8Ω, 1kHz, 7/9 channels driven		85/65W
4Ω, 1kHz, 7/9 channels driven		65/65W
Harmonic distortion, 80% power, 8Ω at 1kHz		0.003%
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		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