

# AVA35



## Audio Video Amplifier

### AVA35: The Pinnacle of Music and Cinema Performance

For those who refuse to compromise, the AVA35 represents the summit of home cinema and musical performance. This is not just an amplifier—it's ARCAM's most advanced integrated AV solution, designed for true connoisseurs of sound.

Expertly engineered in Cambridge, UK, the AVA35 harnesses our signature Class G amplification, a technology unique to ARCAM and revered for its ability to deliver superior power, lower crossover distortion, and unmatched musicality. Combined with the same high-performance DAC architecture found in our flagship stereo systems, the AVA35 ensures every note and every cinematic moment is rendered with breathtaking clarity and emotional impact.

For the ultimate in flexibility, the AVA35 introduces matrix channel assignment, allowing you to reallocate channels freely for the most personalised and immersive configurations. Whether it's music, movies, gaming, or sport, this amplifier adapts to your vision of perfection.

With nine channels of Class G power, 16-channels of Dolby Atmos, DTS:X, IMAX Enhanced and AURO-3D processing, and Dirac Live room correction, the AVA35 transforms your space into a world-class listening environment.

At ARCAM, sound quality isn't just a promise—it's our obsession. The AVA35 is the pinnacle of rigorous testing and listening sessions, more than deserving of the ARCAM name.

And with a vibrant 6.5" colour display, intuitive menus, and the Radia App, control is effortless—because the experience should be as seamless as the sound.

AVA35: The pinnacle of home cinema processing and amplification. For those who demand nothing less than perfection.

### Features

- High Power ARCAM Class G Amplification with 145W into 8Ω
- Dolby Atmos, DTS:X, IMAX Enhanced, Auro-3D
- Matrix Channel Assignment for all 16 channels
- 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



|                                                                     |                                                                                                   |
|---------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| <b>Decoding/Encoding</b>                                            |                                                                                                   |
| Maximum Channel Count                                               | 16                                                                                                |
| Reassignable Channels                                               | All channels (Subwoofers into CH4/11-16 only)                                                     |
| 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                                                                                               |
| <b>HDMI</b>                                                         |                                                                                                   |
| 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                                                                                               |
| <b>Streaming</b>                                                    |                                                                                                   |
| 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                                                                               |
| <b>Digital Inputs</b>                                               |                                                                                                   |
| Number of inputs (Coaxial/Toslink)                                  | 2/2                                                                                               |
| Supported Sample Rates (kHz)                                        | Coaxial (RCA)                                                                                     |
|                                                                     | 192, 176.4, 96, 88.2, 48, 44.1                                                                    |
| Bit depths (bit)                                                    | Optical (Toslink)                                                                                 |
|                                                                     | 96, 88.2, 48, 44.1                                                                                |
| Frequency response                                                  | Coaxial & Optical (Toslink)                                                                       |
|                                                                     | 24, 16                                                                                            |
| Signal/noise ratio (A-wtd, ref. 50W, 0dBFS)                         | 20Hz—20kHz ± 0.2dB                                                                                |
|                                                                     | 100dB                                                                                             |
| <b>Analogue Inputs</b>                                              |                                                                                                   |
| Number of inputs                                                    | 3x RCA pairs                                                                                      |
| Signal/noise ratio (A-wtd, ref. 50W, 1V input)                      | 100dB                                                                                             |
| Frequency response                                                  | 20Hz—20kHz ± 0.2dB                                                                                |
| <b>Preamplifier Outputs</b>                                         |                                                                                                   |
| 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                                                                                            |
| <b>Amplification</b>                                                |                                                                                                   |
| Amplifier Channels                                                  | 9, Class G                                                                                        |
| <b>Continuous power output (0.5% THD), per channel</b>              |                                                                                                   |
| 8Ω, 20Hz - 20kHz, 2 channels driven                                 | 145W                                                                                              |
| 4Ω, 1kHz, 2 channels driven                                         | 200W                                                                                              |
| 8Ω, 1kHz, 7/9 channels driven                                       | 110/95W                                                                                           |
| 4Ω, 1kHz, 7/9 channels driven                                       | 130/110W                                                                                          |
| Harmonic distortion, 80% power, 8Ω at 1kHz                          | 0.004%                                                                                            |
| <b>Wireless Specifications</b>                                      |                                                                                                   |
| Bluetooth Profile                                                   | 5.4; A2DP Sink/Source, AVRCP, Snapdragon Sound, AAC, LE Audio, Auracast, GATT, VCP, MCP, BAP, CAP |
| <b>General</b>                                                      |                                                                                                   |
| 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)                                                        | 22.7 kg                                                                                           |
| Weight (packed)                                                     | 29.4 kg                                                                                           |