

A50 Signature



Dual-Mono, Class G Integrated Amplifier

ARCAM marks 50 years of exceptional amplification with the launch of the A50 Signature integrated amplifier. From its beginnings as A&R Cambridge in the 1970s, ARCAM has been defined by a commitment to music through engineering integrity, and a distinctly British sound.

The story began in September 1976 with the launch of the original A60. Half a century later, the A50 Signature honours that legacy while looking firmly to the future. Created in collaboration with ARCAM co-founder John Dawson, the A50 Signature reflects a shared belief that great audio design must remain relevant to how people listen today.

Rather than recreating the past, the A50 Signature is designed for modern music enjoyment in all its forms. From high-resolution streaming and HDMI eARC TV audio to CD and vinyl. Digital or analogue, it connects effortlessly to the sources that matter most, placing the listener at the centre of the experience.

At its heart is a landmark engineering achievement: ARCAM's first dual-mono Class G integrated amplifier. Developed from nearly two decades of Class G expertise, the A50 Signature delivers exceptional power, clarity, and control, with each channel built as a fully independent amplifier. The result is a level of performance worthy of ARCAM's 50-year legacy.

The A50 Signature is not just a celebration of where ARCAM has been, but a statement of where it is going — continuing a tradition of amplification that brings music to life.

Features

- The 1st ARCAM Dual-Mono Class G Integrated Amplifier
- 2x 150W Power Output powers loudspeakers effortlessly
- Built-in Class A MM & MC phono stage for exceptional music from vinyl with almost any turntable and cartridge
- ESS ES9039Q2M DAC with USB-C and HDMI e-ARC inputs for the best sound from any streamed audio source
- Wired or wireless headphones connect your headphones for quiet listening with, or without wires
- Wireless audio with Snapdragon Sound and Auracast built-in for the best sound with the most convenience
- Plastic free packaging for easy disposal or natural materials



Continuous power output (0.5% THD) 2 channels driven		
8Ω, 20Hz - 20kHz – Power Output	150W*	
4Ω, 1kHz, – Power Output	220W*	
Harmonic distortion, 80% power, 8Ω at 1kHz	0.002%*	
Analogue Inputs		
Number of inputs	3 (RCA pairs)	
Signal/noise ratio (A-wtd, ref. 50W, 1V input)	106dB*	
Frequency response	20Hz–20kHz ± 0.2dB*	
Phono (MM) Input		
Input impedance	47kΩ + 100pF*	
Frequency response (ref. RIAA curve)	20Hz–20kHz ± 1dB*	
Digital Inputs		
Supported Sample Rates (kHz)	USB-C Only	384, 352.8, 192, 176.4, 96, 88.2, 48, 44.1
	Other digital inputs	192, 176.4, 96, 88.2, 48, 44.1
Bit depths (bit)	32, 24, 16	
Frequency response (filter 1)	20Hz–20kHz ± 0.2dB*	
Signal/noise ratio (A-wtd, ref. 50W, 0dBFS)	110dB*	
Headphone Output		
Maximum output level (RMS) into 32Ω/300Ω	2.5V/5V	
Load range	16Ω - 2kΩ	
Wireless Specifications		
Bluetooth Version	5.4; A2DP Sink/Source, AVRCP, BLE, SBC, AAC, aptX, aptX HD and aptX Lossless, LE Audio, Auracast	
Bluetooth Transmitter Frequency and Power	2,400 MHz to 2,483.5 MHz: <20dBm	
General		
Mains voltage	100V or 110–120V or 220–240V, 50–60Hz	
Power consumption (maximum)	700W*	
Power consumption (standby)	<0.5W	
Dimensions W x D (including speaker terminals) x H (including feet)	431 x 344 x 99mm	
Weight (net)	12kg*	
Weight (packed)	14kg*	
Supplied accessories	Mains lead(s)	
	Remote control with 2 x AAA batteries	
	Quick Start Guide	
	Important Safety Instructions	